DMAAC REFERENCE PUBLICATION NO. 25

WORLD RELATIVE GRAVITY REFERENCE NETWORK NORTH AMERICA

PART 2

AUGUST, 1970

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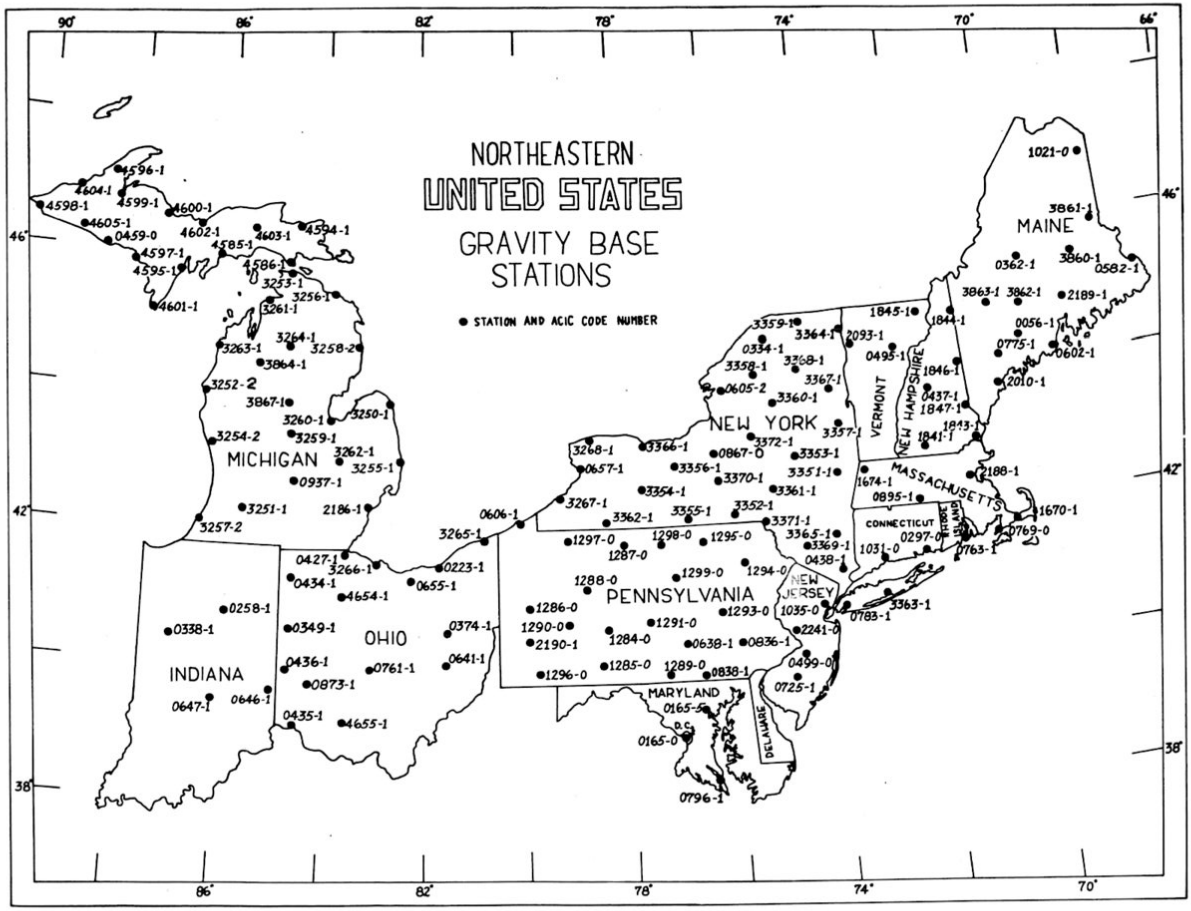
Defense Mapping Agency
Aerospace Center
St. Louis AFS, Missouri 63118

2.2.4 UNITED STATES (CONTERMINOUS)


NORTHEASTERN
UNITED STATES
GRAVITY BASE
STATIONS
● STATION AND ACIC CODE NUMBER
90°
86°
82°
78°
74°
70°
66°
46°
42°
38°
MAINE
NEW YORK
VERMONT
NEW HAMPSHIRE
MASSACHUSETTS
CONNECTICUT
RHODE ISLAND
MICHIGAN
INDIANA
OHIO
PENNSYLVANIA
NEW JERSEY
MARYLAND
D.C.
DELAWARE
4596-1
4604-1
4598-1
4599-1
4600-1
4605-1
0459-0
4602-1
4603-1
4594-1
4597-1
4585-1
4595-1
4586-1
3253-1
3256-1
4601-1
3261-1
3263-1
3264-1
3258-2
3864-1
3252-2
3867-1
3260-1
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3254-2
3259-1
3262-1
3255-1
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3251-1
2186-1
3257-2
0427-1
3266-1
0434-1
0655-1
4654-1
0223-1
3265-1
0258-1
0338-1
0349-1
0374-1
0436-1
0761-1
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0647-1
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0435-1
4655-1
0606-1
3268-1
3366-1
0657-1
0867-0
3356-1
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1295-0
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3369-1
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1293-0
1290-0
1291-0
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0437-1
1847-1
1843-1
1841-1
1674-1
0895-1
2188-1
1670-1
0297-0
0769-0
1031-0
0763-1
1035-0
2241-0
0783-1
3363-1
1021-0
3861-1
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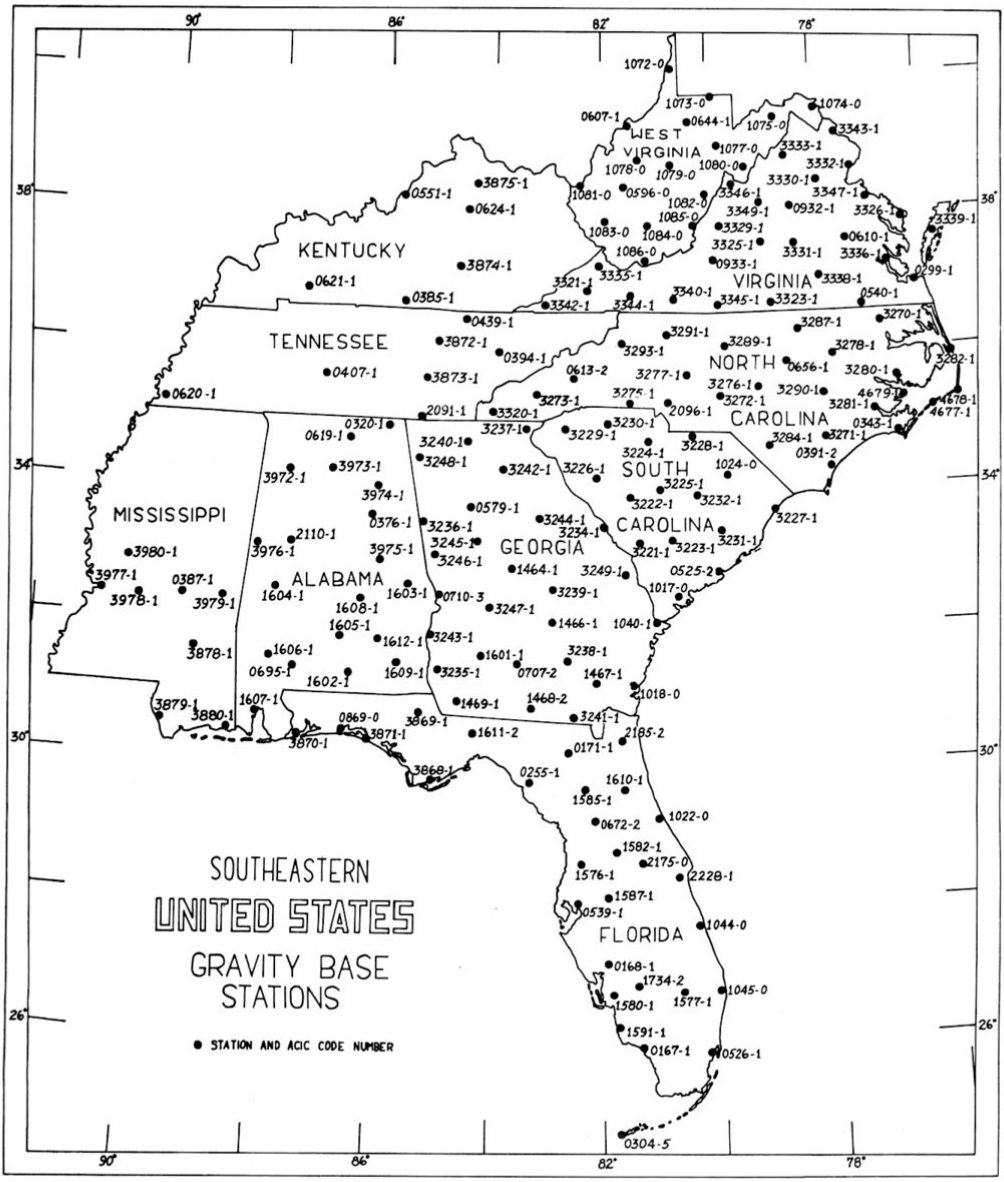
0602-1
2010-1


SOUTHEASTERN
UNITED STATES
GRAVITY BASE
STATIONS
● STATION AND ACIC CODE NUMBER
WEST VIRGINIA
KENTUCKY
VIRGINIA
TENNESSEE
NORTH CAROLINA
SOUTH CAROLINA
MISSISSIPPI
ALABAMA
GEORGIA
FLORIDA
90°
86°
82°
78°
38°
34°
30°
26°
1072-0
1073-0
1074-0
0607-1
0644-1
1075-0
3343-1
1077-0
3333-1
1078-0
1079-0
1080-0
3332-1
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0596-0
3346-1
3330-1
3347-1
0624-1
1082-0
3349-1
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0610-1
3325-1
3331-1
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0933-1
0299-1
0621-1
3321-1
3335-1
3338-1
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3345-1
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0540-1
0385-1
3342-1
3344-1
0439-1
3270-1
3287-1
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3293-1
3282-1
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0320-1
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3249-1
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3977-1
0387-1
1604-1
1603-1
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3239-1
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3979-1
1608-1
3247-1
1605-1
1466-1
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1612-1
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1606-1
1601-1
3238-1
0695-1
1609-1
3235-1
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3879-1
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1469-1
1468-2
3880-1
0869-0
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3241-1
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3870-1
0171-1
3868-1
0255-1
1610-1
1585-1
0672-2
1022-0
1582-1
2175-0
1576-1
2228-1
1587-1
0539-1
1044-0
0168-1
1734-2
1045-0
1580-1
1577-1
1591-1
0167-1
0526-1
0304-5

NORTH CENTRAL
UNITED STATES
GRAVITY BASE
STATIONS
NORTH DAKOTA
SOUTH DAKOTA
MINNESOTA
WISCONSIN
IOWA
NEBRASKA
ILLINOIS
KANSAS
MISSOURI
102°
98°
94°
90°
48°
44°
40°
36°
1087-1
0764-1
0767-1
4139-1
4127-1
4683-1
4129-1
0468-0
0745-2
0744-1
4137-1
4685-1
4684-1
4126-1
0743-0
3930-1
4132-1
0584-0
2368-1
3946-1
1247-0
0741-2
2366-1
0401-2
2370-1
0746-1
0554-2
0747-0
4138-1
0635-1
0366-0
4687-1
0410-2
4680-1
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0766-1
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4709-1
4032-1
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4696-1
4697-1
1628-1
0528-1
0040-2
4708-1
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3961-2
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1630-1
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0517-2
4130-1
4686-1
4701-1
4122-1
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3953-1
4134-1
4140-1
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4698-1
4706-1
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0296-1
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1624-1
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3949-1
0269-1
0282-1
0516-0
0389-1
1616-1
3823-1
0302-1
0118-2
3068-1
IOWA
0077-2
1441-1
1613-1
3950-1
0399-2
2040-1
0550-2
0298-1
1442-1
1625-1
NEBRASKA
0553-1
3048-1
0201-1
0600-1
0316-1
ILLINOIS
3948-1
1621-1
1618-1
1617-1
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1446-1
4099-1
4097-1
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1450-1
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0795-1
4096-1
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4108-1
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0523-0
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4100-1
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1452-1
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4593-1
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0292-1
2052-1
4087-1
0735-0
1140-1
0388-2
1273-1
0791-1
4591-1
1139-1
4110-1
0875-0
4084-1
0751-2
4109-1
3957-2
KANSAS
4031-1
4107-1
4030-1
MISSOURI
0259-1
4103-1
0383-1
4111-1
4093-1
4590-1
4098-1
4718-1
0262-1
2073-1
4090-1
4106-1
2363-1
4029-1
4083-1
4112-1
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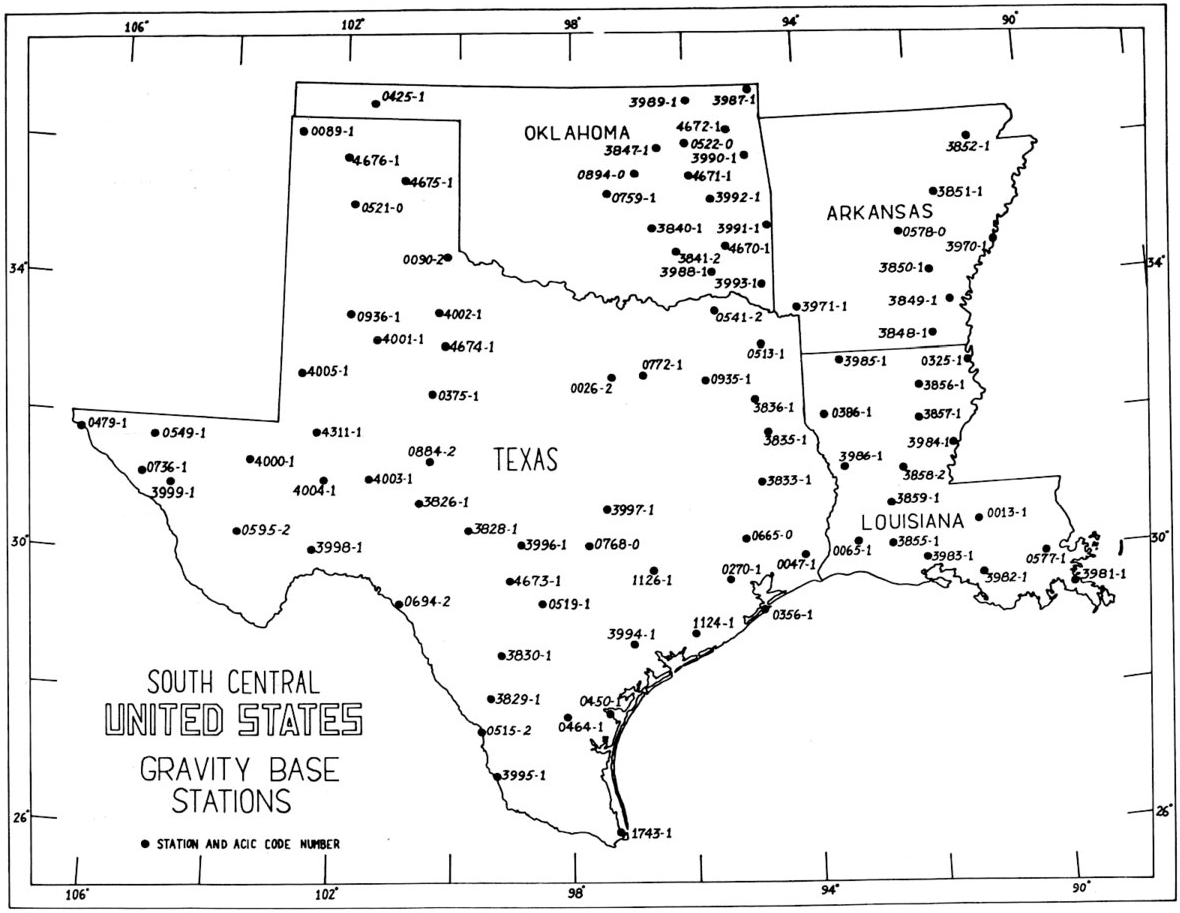
STATION AND ACIC CODE NUMBER

562

563



SOUTH CENTRAL
UNITED STATES
GRAVITY BASE
STATIONS
● STATION AND ACIC CODE NUMBER
OKLAHOMA
ARKANSAS
TEXAS
LOUISIANA
106°
102°
98°
94°
90°
34°
30°
26°
0425-1
0089-1
4676-1
4675-1
0521-0
0090-2
0936-1
4002-1
4001-1
4674-1
4005-1
0375-1
0479-1
0549-1
4311-1
0736-1
4000-1
0884-2
3999-1
4004-1
4003-1
3826-1
0595-2
3998-1
3828-1
3996-1
0768-0
4673-1
0694-2
0519-1
3830-1
3829-1
0515-2
0450-1
0464-1
3995-1
1743-1
3989-1
3987-1
4672-1
3847-1
0522-0
3990-1
0894-0
4671-1
0759-1
3992-1
3840-1
3991-1
4670-1
3841-2
3988-1
3993-1
0541-2
0513-1
0772-1
0026-2
0935-1
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3835-1
3833-1
3997-1
0665-0
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0270-1
1126-1
1124-1
0356-1
3994-1
3852-1
3851-1
0578-0
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3850-1
3849-1
3971-1
3848-1
3985-1
0325-1
3856-1
0386-1
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3984-1
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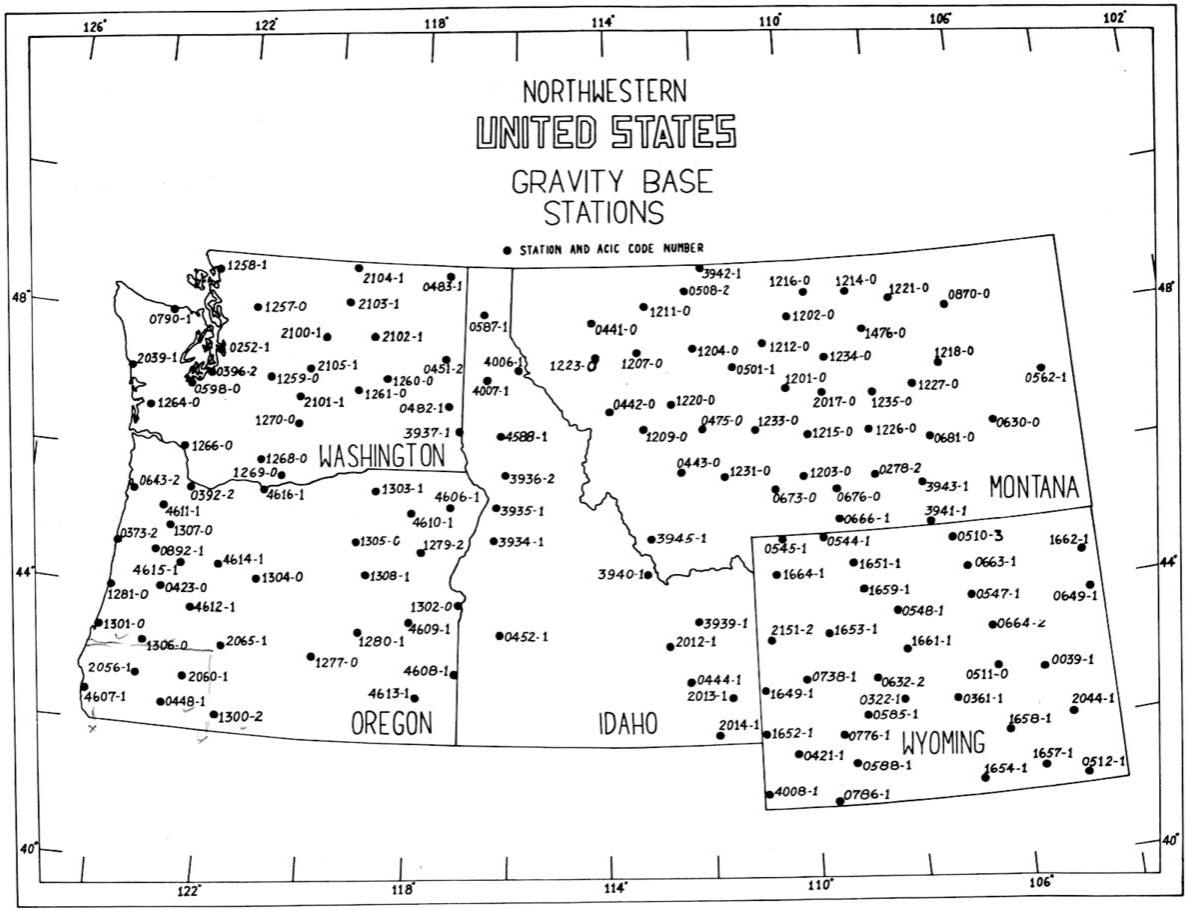
NORTHWESTERN
UNITED STATES
GRAVITY BASE
STATIONS
STATION AND ACIC CODE NUMBER
WASHINGTON
OREGON
IDAHO
MONTANA
WYOMING
126°
122°
118°
114°
110°
106°
102°
48°
44°
40°
1258-1
2104-1
0483-1
1257-0
2103-1
0790-1
2100-1
2102-1
0252-1
2039-1
0396-2
2105-1
0451-2
1259-0
1260-0
0598-0
1261-0
1264-0
2101-1
0482-1
1270-0
3937-1
1266-0
1268-0
1269-0
0643-2
0392-2
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4611-1
4610-1
0373-2
1307-0
0892-1
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1279-2
4614-1
4615-1
1304-0
1308-1
0423-0
1281-0
4612-1
1302-0
1301-0
4609-1
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4607-1
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1300-2
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4006-1
4007-1
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3936-2
3935-1
3934-1
0452-1
3942-1
0508-2
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1214-0
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0870-0
1211-0
1202-0
0441-0
1476-0
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1234-0
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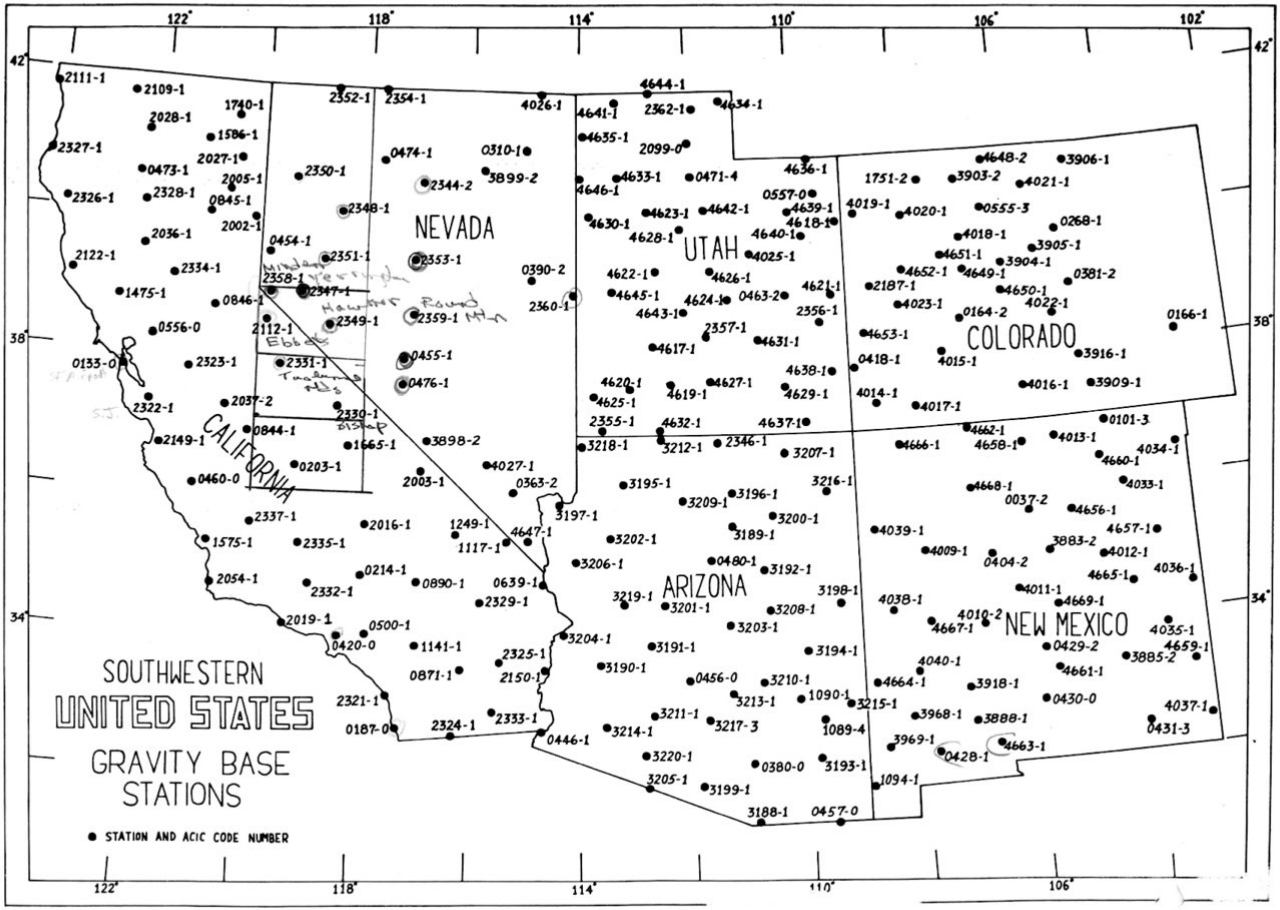
0786-1


SOUTHWESTERN
UNITED STATES
GRAVITY BASE
STATIONS
● STATION AND ACIC CODE NUMBER
CALIFORNIA
NEVADA
UTAH
ARIZONA
COLORADO
NEW MEXICO
122°
118°
114°
110°
106°
102°
42°
38°
34°

CROSS REFERENCE LIST
ALABAMA

STATION DESIGNATION	ACIC REF NO
ALEXANDER CITY	3975-1
ALICEVILLE	3976-1
ANDALUSIA	1602-1
AUBURN	1603-1
DEMOPOLIS	1604-1
GADSDEN	3974-1
GREENVILLE	1605-1
HALEYVILLE	3972-1
HUNTSVILLE	0619-1
JACKSON	1606-1
LINCOLN	0376-1
MEGARGEL	0695-1
MOBILE	1607-1
MONTGOMERY	1608-1
OZARK	1609-1
STEVENSON	0320-1
TROY	1612-1
TUSCALOOSA	2110-1
VINEMONT	3973-1

CROSS REFERENCE LIST
ARIZONA

STATION DESIGNATION	ACIC REF NO
AJO	3220-1
BAGDAD	3219-1
BEAVER DAM	3218-1
BYLAS	1090-1
CASA GRANDE	3217-3
CHINLE	3216-1
CLIFTON	3215-1

CROSS REFERENCE LIST
ARIZONA

STATION DESIGNATION	ACIC REF NO
DATELAND	3214-1
DOUGLAS	0457-0
FLAGSTAFF	0480-1
FLORENCE	3213-1
FREDONIA	3212-1
GILA BEND	3211-1
GLOBE	3210-1
GRAND CANYON	3209-1
GRAY MOUNTAIN	3189-1
HEBER	3208-1
HOPE	3190-1
KAYENTA	3207-1
KINGMAN	3206-1
LUKEVILLE	3205-1
NOGALES	3188-1
PAGE	2346-1
PARKER	3204-1
PAYSON	3203-1
PEACH SPRINGS	3202-1
PHOENIX	0456-0
PRESCOTT	3201-1
SAFFORD	1089-4
SECOND MESA	3200-1
SELLS	3199-1
ST JOHNS	3198-1
TEMPLE BAR	3197-1
TUBA CITY	3196-1
TUCSON	0380-0
TUWEEP	3195-1
WHITE RIVER	3194-1
WICKENBURG	3191-1
WILCOX	3193-1
WINSLOW	3192-1
YUMA	0446-1

CROSS REFERENCE LIST
ARKANSAS

STATION DESIGNATION	ACIC REF NO
ASHDOWN	3971-1
BALD KNOB	3851-1
HAMBURG	3848-1
HELENA	3970-1
LINWOOD	3850-1
LITTLE ROCK	0578-0
TILLAR	3849-1
WALNUT RIDGE	3852-1

CROSS REFERENCE LIST
CALIFORNIA

STATION DESIGNATION	ACIC REF NO
ALTURAS	1740-1
AMBOY	2329-1
BAKERSFIELD	2335-1
BANNING	1141-1
BIEBER	1586-1
BISHOP	2330-1
BLACKWELL CORNER	2337-1
BLYTHE	2150-1
BRAWLEY	2333-1
CRESCENT CITY	2111-1
DAGGETT	0890-1
DESERT CENTER	2325-1
DOYLE	2002-1
DUNSMUIR	2028-1
EBBETTS PASS	2112-1
EDWARDS AFB	0214-1
ELK	2122-1
EUREKA	2327-1

CROSS REFERENCE LIST
CALIFORNIA

STATION DESIGNATION	ACIC REF NO
FURNACE CREEK	2003-1
GARBERVILLE	2326-1
GORMAN	2332-1
HALSTED FLATS	0845-1
IBEX PASS	1249-1
INDEPENDENCE	1665-1
INYOKERN	2016-1
JACUMBA	2324-1
LOS ANGELES	0420-0
MADERA	0844-1
MANTECA	2323-1
MECCA	0871-1
MERCED	2037-2
MIDDLETOWN	1475-1
NEEDLES	0639-1
NIPTON	1117-1
OCEANSIDE	2321-1
PLACERVILLE	0846-1
POMONA	0500-1
PORT HUENEME	2019-1
RED BLUFF	2328-1
REDDING	0473-1
SALINAS	2149-1
SAN DIEGO	0187-0
SAN FRANCISCO	0133-0
SAN JOSE	2322-1
SAN LUCAS	0460-0
SAN LUIS OBISPO	1575-1
SUSANVILLE	2005-1
TERMO	2027-1
TRAVIS AFB	0556-0
TUOLUMNE MEADOWS	2331-1
VANDENBERG AFB	2054-1
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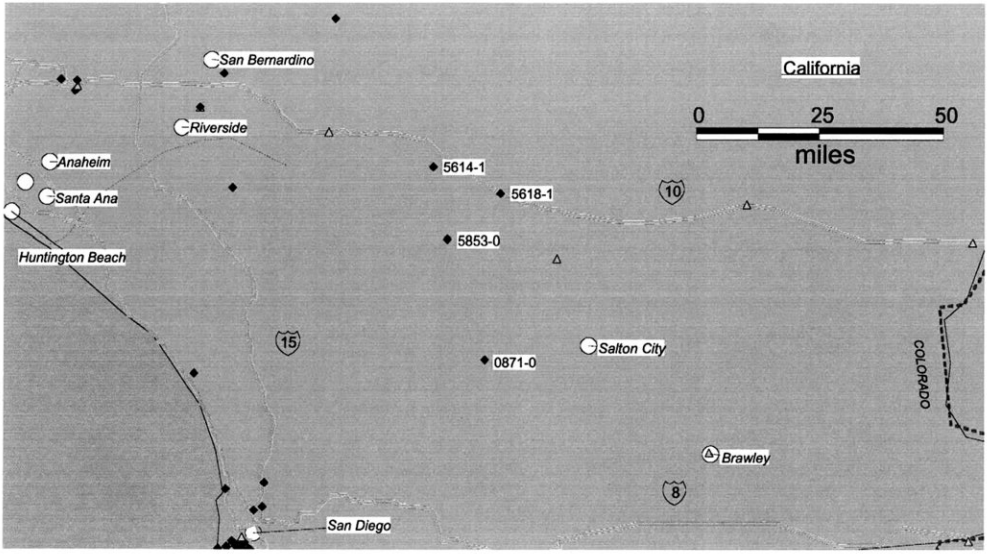
YUBA CITY	2334-1

NATIONAL IMAGERY AND MAPPING AGENCY



STATUS (ww count)

◆ACTIVE (8137)
△INACTIVE (2153)

rivers by STATUS

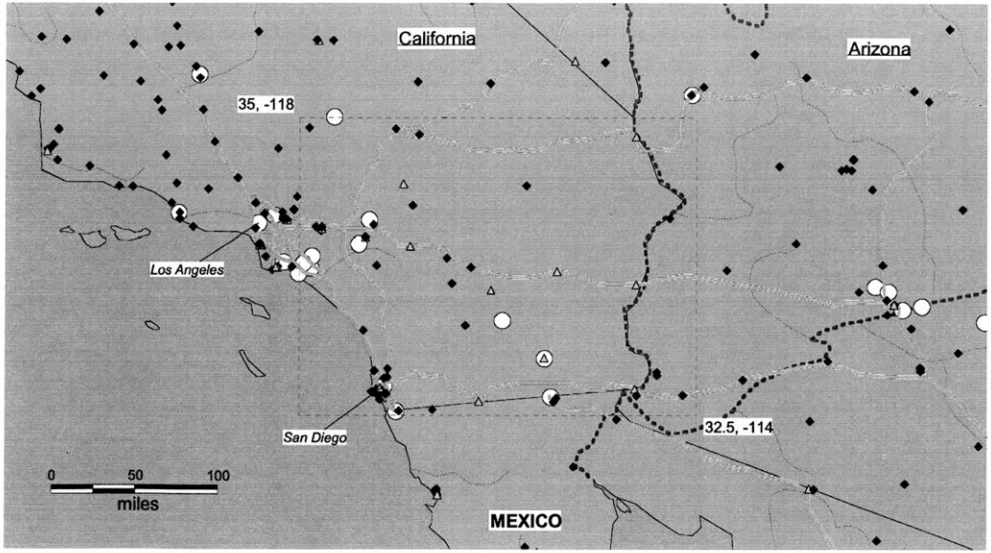
main (2674)
secondary (5005)

GRAVITY CONTROL STATIONS
June 2003

Note: INACTIVE indicates station is destroyed, fundamentally altered, or lacks adequate description.

POC: Mitchell Cripe, 314/263-4818

NATIONAL IMAGERY AND MAPPING AGENCY



STATUS (ww count)

◆ACTIVE (8137)
△INACTIVE (2153)

rivers by STATUS

main (2674)
secondary (5005)

GRAVITY CONTROL STATIONS
June 2003

Note: INACTIVE indicates station is destroyed, fundamentally altered, or lacks adequate description.

POC: Mitchell Cripe, 314/263-4818

DODN	NAME	CC	STATUS	DOC	LATDD	LONDD	ELEVM	GRAV	ACC	TYPE	CLASS	ADDDB	MODDB
1479-2	TIJUANA	MX	ACTIVE	NO	32.5380	-116.9900	151.7	979472.120	0.100	R	U		
1479-3	TIJUANA	MX	ACTIVE	NO	32.5380	-116.9880	-9999.9	979472.220	0.100	R	U		
1761-1	MEXICALI	MX	ACTIVE	NO	32.6470	-115.4100	3.0	979494.430	0.100	R	U		
1761-2	MEXICALI	MX	ACTIVE	NO	32.6150	-115.4380	8.7	979488.180	0.100	R	U		
5566-1	TECATE	MX	ACTIVE	NO	32.5500	-116.6500	-9999.9	979372.590	0.100	R	U		
0446-2	YUMA J	US-AZ_04	ACTIVE	NO	32.6680	-114.5992	59.4	979515.180	0.100	R	U		6/25/02
0446-4	LAGUNA J	US-AZ_04	ACTIVE	NO	32.8653	-114.3975	112.8	979710.418	-9.999	R	U	3/18/98	
3204-1	PARKER	US-AZ_04	ACTIVE	NO	34.1540	-114.2700	136.9	979583.420	0.100	R	U		
5427-1	WELLTON	US-AZ_04	ACTIVE	NO	32.6733	-114.1400	78.6	979491.460	0.100	R	U		6/28/02
0446-3	YUMA	US-AZ_04	INACTIVE	NO	32.7220	-114.6170	53.9	979515.050	0.200	R	U		
0187-1	SAN DIEGO L	US-CA_06	ACTIVE	YES	32.7050	-117.2380	-9999.9	979535.530	0.065	R	U		8/7/98
0187-2	SAN DIEGO	US-CA_06	ACTIVE	NO	32.7040	-117.2370	-9999.9	979535.080	0.100	R	U		
0187-3	SAN DIEGO	US-CA_06	ACTIVE	NO	32.6330	-117.1830	-9999.9	979505.900	0.100	R	U		
0187-4	SAN DIEGO Q	US-CA_06	ACTIVE	YES	32.7140	-117.1740	4.0	979516.310	0.057	R	U		3/24/99
0187-5	SAN DIEGO	US-CA_06	ACTIVE	NO	32.6830	-117.1170	-9999.9	979532.850	0.100	R	U		
0187-6	SAN DIEGO	US-CA_06	ACTIVE	NO	32.7000	-117.2670	-9999.9	979533.580	0.100	R	U		
0187-8	SAN DIEGO	US-CA_06	ACTIVE	NO	32.7000	-117.1830	-9999.9	979516.820	0.100	R	U		
0187-9	SAN DIEGO P	US-CA_06	ACTIVE	YES	32.7219	-117.2178	3.3	979527.640	0.063	R	U		3/24/99
0187-A	SAN DIEGO K	US-CA_06	ACTIVE	YES	32.6830	-117.2170	-9999.9	979518.540	0.054	R	U		8/7/98
0187-B	SAN DIEGO	US-CA_06	ACTIVE	NO	32.7156	-117.1761	-9999.9	979516.810	0.100	R	U		2/16/99
0187-C	SAN DIEGO	US-CA_06	ACTIVE	NO	32.7100	-117.2010	5.7	979520.870	0.100	R	U		
0187-D	SAN DIEGO	US-CA_06	ACTIVE	NO	32.7080	-117.2000	6.0	979519.820	0.100	R	U		
0187-E	SAN DIEGO	US-CA_06	ACTIVE	NO	32.7100	-117.2000	6.0	979520.830	0.100	R	U		
0187-F	PIER 160 FINGER B	US-CA_06	ACTIVE	NO	32.7035	-117.2356	3.4	979533.740	0.100	R	U		2/17/99
0187-G	SAN DIEGO	US-CA_06	ACTIVE	NO	32.6850	-117.1330	2.4	979507.380	0.100	R	U		
0187-I	SAN DIEGO CA	US-CA_06	ACTIVE	NO	32.8127	-117.1410	126.1	979513.563	0.014	R	U		6/7/00
0187-J	NAVAL PIER SEA END	US-CA_06	ACTIVE	NO	32.7141	-117.1761	3.0	979516.480	-9.999	R	U		4/30/02
0187-K	SAN DIEGO	US-CA_06	ACTIVE	NO	32.6990	-117.1580	-9999.9	979511.590	0.100	R	U		
0187-L	SAN DIEGO	US-CA_06	ACTIVE	NO	32.6980	-117.1560	-9999.9	979511.410	0.100	R	U		
0187-M	SAN DIEGO	US-CA_06	ACTIVE	NO	32.6970	-117.1540	-9999.9	979510.890	0.100	R	U		
0187-N	ORION 3	US-CA_06	ACTIVE	NO	32.7075	-117.2039	6.8	979521.230	0.100	R	U	3/27/98	
0187-P	LA JOLLA AA	US-CA_06	ACTIVE	NO	32.8752	-117.2399	124.7	979515.131	0.012	A	U	1/25/99	6/7/00
0187-Q	B ST PIER BERTH 1	US-CA_06	ACTIVE	NO	32.7179	-117.1741	-9999.9	979517.600	-9.999	R	U	2/17/99	
0187-R	PIER 160 FINGER A	US-CA_06	ACTIVE	NO	32.7036	-117.2347	3.4	979533.280	-9.999	R	U	2/17/99	
0187-S	NIMITZ MARINE QUAY	US-CA_06	ACTIVE	NO	32.7069	-117.2369	3.4	979535.970	-9.999	R	U	2/17/99	
0187-T	SAN DIEGO EFS	US-CA_06	ACTIVE	NO	32.8933	-117.1041	173.0	979505.108	0.013	A	U	6/15/00	
0187-U	SAN DIEGO K-1	US-CA_06	ACTIVE	NO	32.7021	-117.1979	10.6	979518.561	0.015	R	U	6/15/00	
0187-V	SAN DIEGO M	US-CA_06	ACTIVE	YES	32.8233	-117.1100	128.9	979513.621	0.057	R	U	8/23/02	
0214-1	EDWARDS AFB	US-CA_06	ACTIVE	NO	34.9140	-117.9000	701.7	979492.400	0.200	R	U		
0500-0	PB0518	US-CA_06	ACTIVE	NO	34.0794	-117.7748	356.6	979515.302	-9.999	R	U	4/16/03	
0500-2	POMONA	US-CA_06	ACTIVE	NO	34.0540	-117.7750	244.3	979537.500	0.100	R	U		
0500-3	POMONA	US-CA_06	ACTIVE	NO	34.0500	-117.7830	242.4	979538.430	0.100	R	U		
0500-4	POMONA	US-CA_06	ACTIVE	NO	34.0500	-117.7830	242.4	979538.360	0.100	R	U		
0500-5	POMONA	US-CA_06	ACTIVE	NO	34.0830	-117.8330	250.0	979519.350	0.100	R	U		
0871-0	BORREGO SPRINGS JA	US-CA_06	ACTIVE	YES	33.2567	-116.3250	157.6	979472.817	0.057	R	U	8/6/02	
0891-0	BIG BEAR CITY JA	US-CA_06	ACTIVE	YES	34.2617	-116.8533	2058.6	979142.660	0.057	R	U	8/6/02	

DODN	NAME	CC	STATUS	DOC	LATDD	LONDD	ELEVM	GRAV	ACC	TYPE	CLASS	ADDDB	MODDB
2321-0	OCEANSIDE JA	US-CA_06	ACTIVE	YES	33.2167	-117.3517	7.9	979559.752	0.057	R	U	8/22/02	
2329-2	AMBOY	US-CA_06	ACTIVE	NO	34.4270	-115.7140	189.0	979568.750	0.200	R	U		
2345-1	NORTON AFB	US-CA_06	ACTIVE	NO	34.1000	-117.2500	333.9	979474.980	0.100	R	U		
5090-0	PERRIS JA	US-CA_06	ACTIVE	YES	33.7633	-117.2183	431.3	979494.941	0.057	R	U	8/22/02	
5090-2	ONTARIO J	US-CA_06	ACTIVE	YES	34.0000	-117.3330	-9999.9	979523.290	0.061	R	U		4/16/03
5614-1	PALM SPRINGS J	US-CA_06	ACTIVE	YES	33.8250	-116.5083	136.6	979507.897	0.057	R	U		8/22/02
5618-1	INDIO J	US-CA_06	ACTIVE	YES	33.7460	-116.2710	17.7	979526.063	0.022	R	U		8/8/02
5620-0	BARSTOW F 43	US-CA_06	ACTIVE	NO	34.9047	-117.0256	642.6	979497.000	0.012	R	U	8/3/99	
5620-1	BARSTOW J	US-CA_06	ACTIVE	YES	34.8563	-116.7903	584.9	979496.693	0.017	R	U		8/6/02
5853-0	PINYON FLAT AA	US-CA_06	ACTIVE	NO	33.6122	-116.4588	1286.6	979284.076	0.006	A	U		2/18/99
0187-0	SAN DIEGO J	US-CA_06	INACTIVE	YES	32.7330	-117.1830	4.3	979522.320	0.060	R	U		3/24/99
0187-7	SAN DIEGO	US-CA_06	INACTIVE	NO	32.7000	-117.1833	1.8	979526.380	0.100	R	U		
0500-1	POMONA	US-CA_06	INACTIVE	NO	34.0630	-117.7730	253.3	979535.200	0.100	R	U		
0639-1	NEEDLES	US-CA_06	INACTIVE	NO	34.8410	-114.6060	147.1	979608.720	0.100	R	U		
0871-1	MECCA	US-CA_06	INACTIVE	NO	33.5550	-116.0690	-62.9	979536.500	0.100	R	U		
0891-1	LUCERNE VALLEY	US-CA_06	INACTIVE	NO	34.4430	-116.9470	897.9	979383.110	0.300	R	U		
1141-1	BANNING	US-CA_06	INACTIVE	NO	33.9260	-116.8770	715.3	979389.360	0.100	R	U		
2150-1	BLYTHE	US-CA_06	INACTIVE	NO	33.6030	-114.6050	80.3	979551.600	0.100	R	U		
2324-1	JACUMBA	US-CA_06	INACTIVE	NO	32.6170	-116.1900	862.3	979282.620	0.100	R	U		
2325-1	DESERT CENTER	US-CA_06	INACTIVE	NO	33.7130	-115.4030	276.1	979501.480	0.100	R	U		
2333-1	BRAWLEY	US-CA_06	INACTIVE	NO	32.9830	-115.5340	-34.7	979536.910	0.100	R	U		
5090-1	ONTARIO K	US-CA_06	INACTIVE	YES	34.0000	-117.3330	-9999.9	979521.400	0.059	R	U		4/16/03

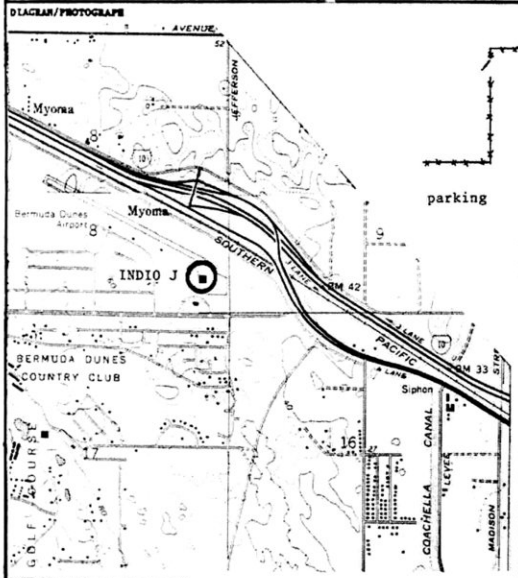
GRAVITY STATION DESCRIPTION	STATION TYPE Base Station	STATION DESIGNATION INDIO J
COUNTRY United States	STATE/PROVINCE California	CITY Myoma/Indio
COUNTY Riverside	TOWNSHIP/RANGE SW,SW,NE,SE,SE, Sec 8, T5S, R7E	QUAD 033116424
LATITUDE 33° 44' 44.5" N	LONGITUDE 116° 16' 14.6" W	ELEVATION 17.7 meters
GRAVITY STATION MARK Gravity Disk	AGENCY/SOURCE NOAA/NGS	INSCRIPTION INDIO J 1990
POSITION REFERENCE Topo Map	POSITION SOURCE USGS 1:24000	SOURCE DESIGNATION La Quinta, CA 1980
ELEVATION REFERENCE Topo Map	ELEVATION SOURCE USGS 1:24000	SOURCE DESIGNATION La Quinta, CA 1980
POSITION/ELEVATION REMARKS Contour Interval = 20 feet	GRAVITY VALUE g = 979 526.063 ± 0.022 mgals (NGS, 12/1986)	

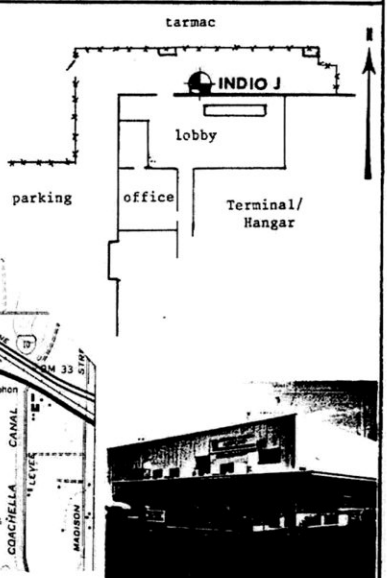
DESCRIPTION Station is at Bermuda Dunes Airport terminal, 3.6 miles northwest of Indio, CA, Post Office. From the Indio Blvd. & Jefferson St. exit of Interstate 10, go SE on Indio Blvd. to Jefferson St. Turn south on Jefferson St. and then an immediate NW (right) turn onto Country Club Drive. Go 0.15 miles and turn west (left) onto 42nd Ave. Go 0.3 miles and turn north (right) into airport and go 0.15 miles to terminal/hangar building and station. Station is near northwest corner of terminal/hangar, north of lobby, 3.0 m ENE of double doors, 7.2 m east of NW corner of bldg., 3.6 m south of barrier fence, 0.9 m north of north wall of bldg., on the north side of center of a planter and on concrete sidewalk. Disk is steel-soldered to concrete.

G55

OTHER STATION DESIGNATIONS: DOD 5618-1, 12036K.

DIAGRAM/PHOTOGRAPH





DATE OF PHOTO 30 May 1990

DESCRIPTION BY	AGENCY	DATE
	NOAA/NOS/NGS	30 May 1990

DoD# 5618-1 p. 2/2

GRAVITY STATION DESCRIPTION	STATION TYPE State Base	STATION DESIGNATION INDIO J
COUNTRY USA	STATE/PROVINCE California	CITY Indio
LATITUDE 33°44.8' N 33.7467	LONGITUDE 116° 17.1' W -116.2850	ELEVATION 20.7m
GRAVITY STATION MARK None	AGENCY/SOURCE	INSCRIPTION
POSITION REFERENCE Map	POSITION SOURCE USGS 1:250,000	SOURCE DESIGNATION Santa Ana
ELEVATION REFERENCE Airfield Elevation	ELEVATION SOURCE	SOURCE DESIGNATION

POSITION/ELEVATION REMARKS

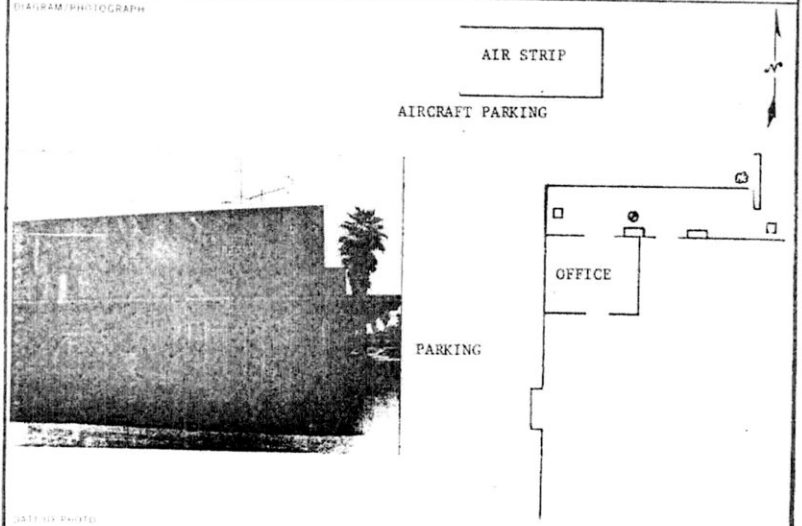
DESCRIPTION

The station is about 4-miles northwest of Indio, north of the Jefferson Street interchange of Interstate Highway 10, at the Bermuda Dunes Airport. Observations were made at the east end of the airport, at the north side of the airport lounge-office, east of the north set of doors on the walkway. The station is at the north side of the center of the westernmost planters.

wet 292

GSS12036K 979526.074 ± .057

DIAGRAM/PHOTOGRAPH



DATE OF PHOTO

DESCRIBED/RECOVERED BY	AGENCY	DATE
R. B. Beruff	DMATC/GSS	8 Jan 78

TPC FORM 115-29 MAY 70 REPLACES TEST EDITION, AUG 69, WHICH IS OBSOLETE

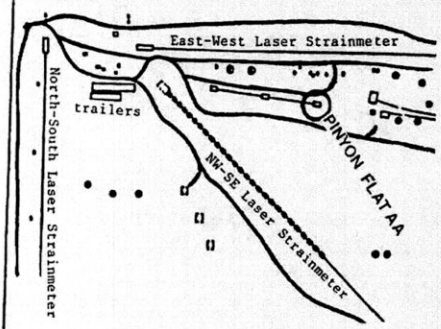
GRAVITY STATION DESCRIPTION

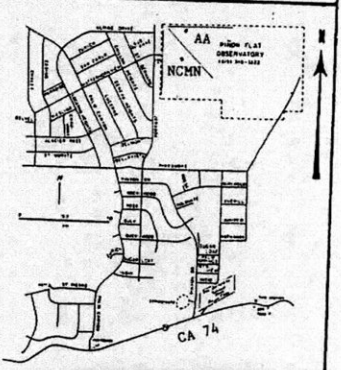
COUNTRY: United States US-CA-06	STATION TYPE: Absolute Site	STATION DESIGNATION: PINYON FLAT AA
COUNTY: Riverside	STATE/PROVINCE: California	CITY: Pinyon Pines
LATITUDE: 33° 36' 43.75 " N 33.6122	TOWNSHIP/RANGE: NW, SE, NW, NW, NW, Sec 34, T6S, R5E	QUAD: 033116133
GRAVITY STATION MARK: 1 cm star-drilled hole	LONGITUDE: 116° 27' 31.62 " W -116.4588	ELEVATION: 1286.588 meters
POSITION REFERENCE: Scaled from UCSB 73-13	AGENCY/SOURCE: NOAA/NGS	INSCRIPTION: --
ELEVATION REFERENCE: Scaled from UCSB 73-13	POSITION SOURCE: NOAA/NGS	SOURCE DESIGNATION: Horizontal Control Data
POSITION/ELEVATION REMARKS: 1st order GPS & unadj leveling to UCSB 73-13	ELEVATION SOURCE: NOAA/NGS	SOURCE DESIGNATION: Vertical Control Data
	GRAVITY VALUE: g = 979 284.076 +/- .006 mGal (OES,9/1991)	

DESCRIPTION: Station is at Cecil & Ida Green Pinyon Flat Observatory. Station is 8.8 air miles SSW of Palm Desert Post Office. To access from the Montery Ave. exit of Interstate 10 on north side of Palm Desert, go south on Monterey Ave. for 5.9 mi to intersection of CA 111 & CA 74. Continue south on CA 74 for 15.8 mi to Pinyon Drive at entrance to Pinyon Flat Camp-ground. This is 0.55 mi west of firehouse and 8.8 mi east along CA 74 from junction with CA 371. Go north then west on Pinyon Drive for 1.15 mi and turn north (right) onto Jeraboa Drive. Go 1.0 mi and turn east (right) onto Matterhorn View Road. Go 0.05 mi into observ-atory and turn left (north then east) for 0.3 mi to third small green bldg (MU) east of control trailers. Station is inside bldg., 1.3 m below ground level, near center of 0.62 m square (by 8' deep) granite pier, 0.45 m SE of NW corner of pier and 0.28 m ESE of station PINYON FLAT OBSERVATORY (disk stamped UCSB 73-13). Heights of gravity observations made from top of pier, not bottom of hole.

OTHER STATION DESIGNATIONS: PALM DESERT AA, GSS 120G47.

DIAGRAM/PHOTOGRAPH





DATE OF PHOTO 1 June 1990

DESCRIPTION BY: Bernard/Winester	AGENCY: NOAA/NOS/NGS	DATE: 1 June 1990

DoDA 5853-0

DoD# 0871-0

GRAVITY STATION DESCRIPTION	STATION TYPE	STATION DESIGNATION
	State Base	Borrego Springs JA
COUNTRY: USA	STATE/PROVINCE: California	CITY: Borrego Springs
LATITUDE: 33° 15.4' N 33.2567	LONGITUDE: 116° 19.5' W -116.3250	ELEVATION: 517' 157.6 m
GRAVITY STATION MARK: None	AGENCY/SOURCE:	INSCRIPTION:
POSITION REFERENCE: Map	POSITION SOURCE: USGS-7.5 min	SOURCE DESIGNATION: Clark Lake, CA 1974
ELEVATION REFERENCE: Map	ELEVATION SOURCE: USGS-7.5 min	SOURCE DESIGNATION: Clark Lake, CA 1974

POSITION/ELEVATION REMARKS

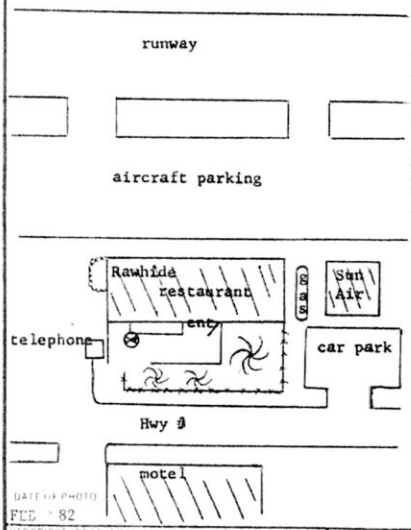
DESCRIPTION Station is located at Rawhide Restaurant at Borrego Airfield 2.5 mi east of town of Borrego Springs, on cement porch on south side of bldg, the main entrance to restaurant 20' west of door, at far west corner of 3' high yellow brick planter.

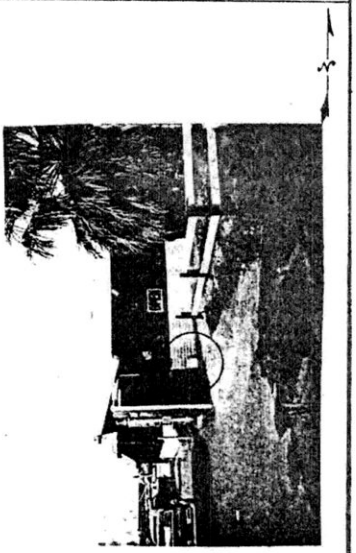
WE292

GSS Code: 120G38

979472.817 ± .057

DIAGRAM/PHOTOGRAPH





DATE OF PHOTO: FEB 82

DESCRIBED/RECOVERED BY	AGENCY	DATE
A. WINTERS	DMAHTC/GSS	17 Feb 82

DMAHTC FORM 8250-9 (GSS) MAR 79 Supersedes DMATC FORM 8250-9 (GSS), Oct 77 which will be used until stock is exhausted.

DoD# 5614-1

GRAVITY STATION DESCRIPTION	STATION TYPE State Base	STATION DESIGNATION PALM SPRINGS J
COUNTRY USA	STATE/PROVINCE California	CITY Palm Springs
LATITUDE 33° 49'.5 N 33.8250	LONGITUDE 116° 30'.5 W -116.5083	ELEVATION 136.6m
GRAVITY STATION MARK None	AGENCY/SOURCE	INSCRIPTION
POSITION REFERENCE Map	POSITION SOURCE USGS 1:250,000	SOURCE DESIGNATION Santa Ana
ELEVATION REFERENCE Airfield Elevation	ELEVATION SOURCE	SOURCE DESIGNATION

POSITION/ELEVATION REMARKS

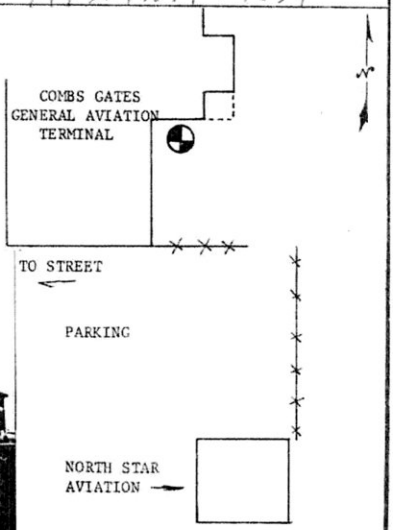
DESCRIPTION

The station is at the east edge of Palm Springs at the Palm Springs Airport at the Combs Gates General Aviation Terminal (210 North El Cielo Street). Observations were made at the airfield (east) side of the building, at the north side of the entrance vestibule, next to the wall on the tarmac (covered with black top).

WP 292

GSS 12036 J 979507.897 ± .057

DIAGRAM/PHOTOGRAPH



DESCRIBED/RECOVERED BY	AGENCY	DATE
R. B. Beruff	DMATC/GSS	Jan 78

TPC FORM 115-29 MAY 70 REPLACES TEST EDITION, AUG 69, WHICH IS OBSOLETE

CROSS REFERENCE LIST
COLORADO

STATION DESIGNATION	ACIC REF NO
ALAMOSA	4016-1
ALMA	3904-1
AQUILAR	3909-1
ASPEN	4649-1
BAILEY	3905-1
BUENA VISTA	4650-1
CANON CITY	4022-1
CARBONDALE	4651-1
COLLBRAN	4652-1
COLORADO SPRINGS	0381-2
CORTEZ	4014-1
CRAIG	1751-2
DELTA	4023-1
DENVER	0268-1
DURANGO	4017-1
EAGLE	4018-1
EGNAR	0418-1
ESTES PARK	4021-1
GRAND JUNCTION	2187-1
GUNNISON	0164-2
HASTY	0166-1
KREMMLING	0555-3
LAKE CITY	4015-1
MEEKER	4020-1
PIERCE	3906-1
POPE ARROYO	3916-1
RANGLEY	4019-1
STEAMBOAT SPRINGS	3903-2
URAVAN	4653-1
WALDEN	4648-2

CROSS REFERENCE LIST
CONNECTICUT

STATION DESIGNATION	ACIC REF NO
NEW HAVEN	1031-0
NEW LONDON	0297-0

CROSS REFERENCE LIST
DISTRICT OF COLUMBIA

STATION DESIGNATION	ACIC REF NO
WASHINGTON	0165-0

CROSS REFERENCE LIST
FLORIDA

STATION DESIGNATION	ACIC REF NO
APALACHECOLA	3868-1
BELLE GLADE	1577-1
BROOKSVILLE	1576-1
COCOA	2228-1
CYPRESS	3869-1
DAYTONA BEACH	1022-0
EGLIN AFB	0869-0
EVERGLADES	0167-1
FORT MYERS	1580-1
FORT OGDEN	0168-1
GAINESVILLE	1585-1
HOWEY	1582-1
JACKSONVILLE	2185-2
KEY WEST	0304-5
LA BELLE	1734-2
LAKE CITY	0171-1
LAKELAND	1587-1
MIAMI	0526-1
NAPLES	1591-1
OCALA	0672-2
ORLANDO	2175-0
PALATKA	1610-1
PARADISE BEACH	3870-1
POINT WASHINGTON	3871-1
TALLAHASSEE	1611-2
TAMPA	0539-1
TENNILLE	0255-1
VERO BEACH	1044-0
WEST PALM BEACH	1045-0

CROSS REFERENCE LIST
GEORGIA

STATION DESIGNATION	ACIC REF NO
ALBANY	1601-1
ATLANTA	0579-1
AUGUSTA	3234-1
BAINBRIDGE	1469-1
BLAKELY	3235-1
BRUNSWICK	1018-0
CARROLLTON	3236-1
CLAYTON	3237-1
COLUMBUS	0710-3
DOUGLAS	3238-1
DUBLIN	3239-1
ELLIJAY	3240-1
FARGO	3241-1
GAINSVILLE	3242-1
GEORGETOWN	3243-1
GREENSBORO	3244-1
GRIFFIN	3245-1
HOBOKEN	1467-1
LA GRANGE	3246-1
MACON	1464-1
MC RAE	1466-1
MONTEZUMA	3247-1
SAVANNAH	1040-1
SUMMERVILLE	3248-1
SYLVANIA	3249-1
TIFTON	0707-2
VALDOSTA	1468-2

CROSS REFERENCE LIST
IDAHO

STATION DESIGNATION	ACIC REF NO
BOISE	0452-1
GILMORE	3940-1
GRANGEVILLE	3936-2
N.R.T.S.	2012-1

CROSS REFERENCE LIST
IDAHO

STATION DESIGNATION	ACIC REF NO
OROFINO	4588-1
POCATELLO	0444-1
PRESTON	2014-1
RIGGINS	3935-1
SAGE JUNCTION	3939-1
SANDPOINT	0587-1
SODA SPRINGS	2013-1
ST MARIES	4007-1
TAMARACK	3934-1
WALLACE	4006-1

CROSS REFERENCE LIST
ILLINOIS

STATION DESIGNATION	ACIC REF NO
BADER	1445-1
BRIDGEPORT	1453-1
CAIRO	1457-1
CANTON	1443-1
CHICAGO	0516-0
CLINTON	1446-1
EAST DUBUQUE	1433-1
FLORA	1273-1
GALVA	1442-1
KEITHSBURG	0600-1
MOCCASIN	1452-1
MORRIS	1441-1
MURPHYSBORO	0383-1
PALOMA	1450-1
ROCKFORD	1435-1
SANDOVAL	0735-0
SCOTT AFB	0875-0
SPRINGFIELD	0608-0
SULLIVAN	1451-1
URBANA	1448-1

CROSS REFERENCE LIST
INDIANA

STATION DESIGNATION	ACIC REF NO
FRANKLIN	0647-1
LIBERTY	0646-1
WABASH	0258-1
WEST LAFAYETTE	0338-1

CROSS REFERENCE LIST
IOWA

STATION DESIGNATION	ACIC REF NO
ALGONA	3824-1
ATLANTIC	0298-1
BOONE	0118-2
BROOKLYN	3068-1
CARROLL	0302-1
CEDAR RAPIDS	0269-1
CENTERVILLE	0316-1
CHARLES CITY	0232-1
CHEROKEE	0289-1
CLARINDA	0287-1
CLERMONT	0117-2
CLINTON	0282-1
CRESTON	3048-1
DAVENPORT	0077-2
DES MOINES	0550-2
FORT DODGE	0599-3
IDA GROVE	3825-1
IOWA CITY	0399-2
IOWA FALLS	0247-1
MANCHESTER	0280-1
MASON CITY	0296-1
MOUNT PLEASANT	0201-1
ONAWA	3823-1
SHELDON	3822-1
SIOUX CITY	0466-1
SPENCER	0290-1
WATERLOO	0312-1

CROSS REFERENCE LIST
KANSAS

STATION DESIGNATION	ACIC REF NO
ATCHISON	4592-1
BELOIT	0523-0
BONNER SPRINGS	4593-1
CARBONDALE	4591-1
CHANUTE	4590-1
COFFEYVILLE	4589-1
ELKADER	0791-1
EMPORIA	4031-1
GARDEN CITY	0259-1
MEADE	2363-1
MOUND CITY	4030-1
OAKLEY	0794-1
OBERLIN	0795-1
PITTSBURG	4029-1
PRATT	0262-1
WICHITA	2073-1
WILKINS WELL	0292-1

CROSS REFERENCE LIST
KENTUCKY

STATION DESIGNATION	ACIC REF NO
CYNTHIANA	3875-1
DOG WALK	3874-1
HOPKINSVILLE	0621-1
LEXINGTON	0624-1
LOUISVILLE	0551-1
TOMPKINS	0385-1

CROSS REFERENCE LIST
LOUISIANA

STATION DESIGNATION	ACIC REF NO
ABBEVILLE	3983-1
ALEXANDRIA	3858-2
BATON ROUGE	0013-1
CLARKS	3857-1
FERRIDAY	3984-1
JENNINGS	3855-1
KINGSTON	0386-1
LAKE CHARLES	0065-1
LAKE PROVIDENCE	0325-1
MONROE	3856-1
MORGAN CITY	3982-1
NEW ORLEANS	0577-1
OAKDALE	3859-1
PORT SULPHUR	3981-1
SANDEL	3986-1
SAREPTA	3985-1

CROSS REFERENCE LIST
MAINE

STATION DESIGNATION	ACIC REF NO
AUGUSTA	0056-1
BANGOR	2189-1
CALAIS	0582-1
CARIBOU	1021-0
GREENVILLE	0362-1
HAYNESVILLE	3861-1
LEWISTON	0775-1
LINCOLN CENTER	3860-1
PHILLIPS	3863-1
PORTLAND	2010-1
ROCKLAND	0602-1
SKOWHEGAN	3862-1

CROSS REFERENCE LIST
MARYLAND

STATION DESIGNATION	ACIC REF NO
BALTIMORE (WASHINGTON M)	0165-5
PATUXENT	0796-1

CROSS REFERENCE LIST
MASSACHUSETTS

STATION DESIGNATION	ACIC REF NO
ADAMS	1674-1
BOSTON	2188-1
HYANNIS	1670-1
STURBRIDGE	0895-1
WOODS HOLE	0769-0

CROSS REFERENCE LIST
MICHIGAN

STATION DESIGNATION	ACIC REF NO
ALMA	3259-1
BAY CITY	3260-1
BRIMLEY	4594-1
CHARLEVOIX	3261-1
COLEMAN	3867-1
DETROIT	2186-1
ESCANABA	4595-1
FLINT	3262-1
FRANKFORD	3263-1
GRAYLING	3264-1
HARBOR BEACH	3250-1
HARRISVILLE	3258-2
HOUGHTON	4596-1

CROSS REFERENCE LIST
MICHIGAN

STATION DESIGNATION	ACIC REF NO
IRON MOUNTAIN	4597-1
IRON RIVER	0459-0
IRONWOOD	4598-1
KALAMAZOO	3251-1
L ANSE	4599-1
LAKE CITY	3864-1
LANSING	0937-1
LUDINGTON	3252-2
MACKINAC CITY	3253-1
MANISTIQUE	4585-1
MARQUETTE	4600-1
MENOMINEE	4601-1
MUNISING	4602-1
MUSKEGON	3254-2
NEWBERRY	4603-1
ONTONAGON	4604-1
PORT HURON	3255-1
ROGERS CITY	3256-1
ST IGNACE	4586-1
ST JOSEPH	3257-2
WATERSMEET	4605-1

CROSS REFERENCE LIST
MINNESOTA

STATION DESIGNATION	ACIC REF NO
BEMIDJI	0741-2
BIWABIK	2366-1
BRAINERD	4123-1
BUPR	4681-1
DULUTH	0635-1
ELY	0584-0
FERGUS FALLS	0410-2
FISHER	3930-1
GLENCOE	3927-2
GRAND PORTAGE	4126-1
GRAND RAPIDS	0401-2

CROSS REFERENCE LIST
MINNESOTA

STATION DESIGNATION	ACIC REF NO
GRANITE FALLS	3926-2
GREENBUSH	4127-1
HINCKLEY	4128-1
INTERNATIONAL FALLS	4129-1
MANKATO	4122-1
MINNEAPOLIS	0528-1
MORGAN	4130-1
MORRIS	4131-1
NORTHOME	4132-1
ORR	4685-1
OWATONNA	4133-1
PIPESTONE	4134-1
SAUK CENTER	4135-1
SEA GULL	4684-1
SPOONER	4683-1
ST CLOUD	4136-1
THIEF RIVER FALLS	4137-1
TOFTE	2368-1
TWO HARBORS	2370-1
WADENA	4680-1
WALKER	4138-1
WARROAD	4139-1
WINDOM	4140-1
WINONA	0625-2
WORTHINGTON	4682-1

CROSS REFERENCE LIST
MISSISSIPPI

STATION DESIGNATION	ACIC REF NO
ELLISVILLE	3878-1
FOREST	0387-1
JACKSON	3978-1
MERIDIAN	3979-1
PASCAGOULA	3880-1
PICAYUNE	3879-1
VICKSBURG	3977-1
YAZOO CITY	3980-1

CROSS REFERENCE LIST
MISSOURI

STATION DESIGNATION	ACIC REF NO
BETHANY	4086-1
BOONEVILLE	4087-1
BOWLING GREEN	4082-1
CAMERON	4088-1
CANTON	4089-1
CAPE GIRARDEAU	4090-1
CARROLLTON	4091-1
CHILLICOTHE	4092-1
EMINENCE	4112-1
FARMINGTON	4093-1
FESTUS	3957-2
GAINESVILLE	4094-1
GALENA	4095-1
HANNIBAL	4096-1
HARRISONVILLE	4084-1
JEFFERSON CITY	4110-1
JOPLIN	0054-2
KANSAS CITY	2052-1
KIRKSVILLE	4097-1
LEBANON	4098-1
MARYVILLE	4099-1
MOBERLY	4100-1
MONTGOMERY CITY	4101-1
MOUNTAIN GROVE	4102-1
NEVADA	4103-1
NOEL	4085-1
POPLAR BLUFF	4104-1
SALEM	4718-1
SEDALIA	1139-1
SIKESTON	4083-1
SPRINGFIELD	4106-1
ST JOSEPH	4108-1
ST LOUIS	0388-2
STEELVILLE	4107-1
ULMAN	4109-1
WARRENSBURG	1140-1
WARSAW	0751-2
WEAUBLEAU	4111-1

CROSS REFERENCE LIST
MONTANA

STATION DESIGNATION	ACIC REF NO
BIG SANDY	1202-0
BIG TIMBER	1203-0
BILLINGS	0278-2
BUTTE	0443-0
CHOUTEAU	1204-0
COLUMBUS	0676-0
CONDON	1207-0
CUTBANK	0508-2
DRUMMOND	1209-0
DUNMORE	3943-1
EAST GLACIER	1211-0
FORT BENTON	1212-0
GLASGOW	0870-0
GRANT	3945-1
GREAT FALLS	0501-1
GLENDIVE	0562-1
HARLEM	1214-0
HARLOWTON	1215-0
HAVRE	1216-0
HELENA	0475-0
HYSHAM	0681-0
JORDAN	1218-0
KALISPELL	0441-0
LEWISTOWN	2017-0
LINCOLN	1220-0
LIVINGSTON	0673-0
MALTA	1221-0
MILES CITY	0630-0
MISSOULA	0442-0
POLSON	1223-0
RED LODGE	0666-1
ROUNDUP	1226-0
SAND SPRINGS	1227-0
STANFORD	1201-0
SWEETGRASS	3942-1
THREE FORKS	1231-0
WHITE SULPHUR SPRINGS	1233-0
WINIFRED	1234-0
WINNETT	1235-0
WYOLA	3941-1
ZORTMAN	1476-0

CROSS REFERENCE LIST
NEBRASKA

STATION DESIGNATION	ACIC REF NO
ARNOLD	1613-1
BASSETT	1614-1
BLAIR	3950-1
BLOOMFIELD	1615-1
BREWSTER	1616-1
BRIDGEPORT	0389-1
FALLS CITY	3951-1
GENEVA	1617-1
HASTINGS	1618-1
HYANNIS	1620-1
KIMBALL	2040-1
LEXINGTON	1621-1
MERRIMAN	1622-1
OMAHA	0553-1
ONEILL	1624-1
SUTHERLAND	1625-1
THEDFORD	3949-1
VALENTINE	0636-1
WELLFLEET	3948-1

CROSS REFERENCE LIST
NEVADA

STATION DESIGNATION	ACIC REF NO
AUSTIN	2353-1
BAKER	2360-1
BATTLE MOUNTAIN	2344-2
BEATTY	3898-2
DENIO	2352-1
ELKO	3899-2
ELY	0390-2
FALLON	2351-1
GERLACH	2350-1
GOLDFIELD	0476-1
HAWTHORNE	2349-1

CROSS REFERENCE LIST
NEVADA

STATION DESIGNATION	ACIC REF NO
INDIAN SPRINGS	4027-1
JACKPOT	4026-1
LAS VEGAS	0363-2
LOVELOCK	2348-1
MC DERMITT	2354-1
MINDEN	2358-1
RENO	0454-1
ROUND MOUNTAIN	2359-1
SEARCHLIGHT	4647-1
TONOPAH	0455-1
WELLS	0310-1
WINNEMUCCA	0474-1
YERINGTON	2347-1

CROSS REFERENCE LIST
NEW HAMPSHIRE

STATION DESIGNATION	ACIC REF NO
BRIDGEWATER	0437-1
CONWAY	1846-1
ERROL	1844-1
FARMINGTON	1847-1
HAMPTON FALLS	1843-1
PETERBOROUGH	1841-1

CROSS REFERENCE LIST
NEW JERSEY

STATION DESIGNATION	ACIC REF NO
ELM	0725-1
MC GUIRE	0499-0
NEWARK	1035-0
PRINCETON	2241-0

CROSS REFERENCE LIST
NEW MEXICO

STATION DESIGNATION	ACIC REF NO
ALAMOGORDO	0430-0
ALBUQUERQUE	0404-2
BEAVERHEAD	4040-1
CARLSBAD	0431-3
CARRIZOZO	0429-2
CLAYTON	4034-1
CLINES CORNER	3883-2
CLOVIS	4036-1
CORONA	4669-1
CUBA	4668-1
DATIL	4667-1
DEMING	0428-1
ELIDA	4035-1
EUNICE	4037-1
FARMINGTON	4666-1
FORT SUMNER	4665-1
GALLUP	4039-1
GLENWOOD	4664-1
GRANTS	4009-1
HATCH	3888-1
LAS CRUCES	4663-1
LAS VEGAS	4656-1
LORDSBURG	3969-1
LUMBERTON	4662-1
MOUNTAINAIR	4011-1
QUEMADO	4038-1
RATON	0101-3
RED RIVER	4013-1
RODEO	1094-1
ROSWELL	3885-2
ROY	4033-1
RUIDOSO	4661-1
SANTA FE	0037-2
SANTA ROSA	4012-1
SILVER CITY	3968-1
SOCORRO	4010-2
SPRINGER	4660-1
TATUM	4659-1
TRES PIEDRAS	4658-1
TRUTH OR CONSEQUENCES	3918-1
TUCUMCARI	4657-1

CROSS REFERENCE LIST
NEW YORK

STATION DESIGNATION	ACIC REF NO
ALBANY	3351-1
BINGHAMTON	3352-1
BUFFALO	0657-1
CANAJOHARIE	3353-1
CORTLAND	3370-1
DANSVILLE	3354-1
DUNKIRK	3267-1
ELMIRA	3355-1
GENEVA	3356-1
GLENN FALLS	3357-1
HANCOCK	3371-1
HARRISVILLE	3358-1
MALONE	3359-1
NEW YORK	0783-1
NORTH CASTLE	0438-1
OLCOTT	3268-1
OLD FORGE	3360-1
ONEONTA	3361-1
ORLEAN	3362-1
PATCHOGUE	3363-1
PLATTSBURG	3364-1
POTSDAM	0334-1
POUGHKEEPSIE	3365-1
ROCHESTER	3366-1
ROME	3372-1
SCHROON LAKE	3367-1
SYRACUSE	0867-0
TUPPER LAKE	3368-1
WATERTOWN	0605-2
WURTSBORO	3369-1

CROSS REFERENCE LIST
NORTH CAROLINA

STATION DESIGNATION	ACIC REF NO
ASHEVILLE	0613-2
BEAUFORT	0343-1
BLOWING ROCK	3293-1
CHARLOTTE	2096-1
ELKIN	3291-1
GOLDSBORO	3290-1
GREENSBORO	3289-1
HATTERAS INLET	4678-1
HENDERSON	3287-1
HOBUCKEN	4679-1
LUMBERTON	3284-1
MANTEO	3282-1
MURPHY	3320-1
NEW BERN	3281-1
OCRACOKE	4677-1
PANTEGO	3280-1
RALEIGH	0656-1
ROCKY MOUNT	3278-1
SALISBURY	3277-1
SANFORD	3276-1
SHELBY	3275-1
SYLVA	3273-1
TROY	3272-1
WALLACE	3271-1
WILMINGTON	0391-2
WINTON	3270-1

CROSS REFERENCE LIST
NORTH DAKOTA

STATION DESIGNATION	ACIC REF NO
BISMARCK	0554-2
CARRINGTON	1247-0
DEVILS LAKE	0744-1
DICKINSON	0746-1
ELLENDALE	0766-1
FARGO	0366-0
GRAND FORKS	0743-0
JAMESTOWN	0747-0
LARSON	1087-1
MINOT	0468-0
MOHALL	0764-1
PEMBINA	0767-1
RUGBY	0745-2
UNDERWOOD	3946-1

CROSS REFERENCE LIST
OHIO

STATION DESIGNATION	ACIC REF NO
ASHTABULA	3265-1
CAMBRIDGE	0641-1
CASTINE	0436-1
CELINA	0349-1
CINCINNATI	0435-1
CLEVELAND	0223-1
COLUMBUS	0761-1

CROSS REFERENCE LIST
OHIO

STATION DESIGNATION	ACIC REF NO
DAYTON	0873-1
DOVER	0374-1
FINDLAY	4654-1
HILLSBORO	4655-1
OBERLIN	0655-1
OTTAWA HILLS	0427-1
PORT CLINTON	3266-1
SHERWOOD	0434-1

CROSS REFERENCE LIST
OKLAHOMA

STATION DESIGNATION	ACIC REF NO
ANTLERS	3988-1
BARTLESVILLE	3989-1
BROKEN BOW	3993-1
CHANDLER	0894-0
CLAYTON	4670-1
COALGATE	3841-2
EUFAULA	3992-1
FRANCIS	3840-1
GUYMON	0425-1
HEAVENER	3991-1
MIAMI	3987-1
OKMULGEE	4671-1
PRYOR	4672-1
SILVER CITY	3847-1
TAHLEQUAH	3990-1
TINKER AFB	0759-1
TULSA	0522-0

CROSS REFERENCE LIST
OREGON

STATION DESIGNATION	ACIC REF NO
ALKALI LAKE	1277-0
BAKER	1279-2
BURNS	1280-1
CHEMULT	2065-1
CORVALLIS	0892-1
ENTERPRISE	4606-1
EUGENE	0423-0
FLORENCE	1281-0
GLENDALE	2056-1
GOLD BEACH	4607-1
JOHN DAY	1308-1
JORDAN VALLEY	4608-1
JUNTURA	4609-1
KLAMATH FALLS	1300-2
LA GRANDE	4610-1
MC MINNVILLE	4611-1
MEDFORD	0448-1
NEWPORT	0373-2
NORTH BEND	1301-0
OAKRIDGE	4612-1
ONTARIO	1302-0
PENDLETON	1303-1
PORTLAND	0392-2
PROSPECT	2060-1
REDMOND	1304-0
RITTER	1305-0
ROME	4613-1
ROSEBURG	1306-0
SALEM	1307-0
SANTIAN JUNCTION	4614-1
SWEET HOME	4615-1
THE DALLES	4616-1
TILLAMOOK	0643-2

CROSS REFERENCE LIST
PENNSYLVANIA

STATION DESIGNATION	ACIC REF NO
ALTOONA	1284-0
BEDFORD	1285-0
BIRDSBORO	0836-1
BUTLER	1286-0
COUDERSPORT	1287-0
DU BOIS	1288-0
ERIE	0606-1
GETTYSBURG	1289-0
HARRISBURG	0638-1
INDIANA	1290-0
LEWISTOWN	1291-0
PITTSBURGH	2190-1
POTTSVILLE	1293-0
RAILROAD	0838-1
SCRANTON	1294-0
TOWANDA	1295-0
UNIONTOWN	1296-0
WARREN	1297-0
WELLSBORO	1298-0
WILLIAMSPORT	1299-0

CROSS REFERENCE LIST
RHODE ISLAND

STATION DESIGNATION	ACIC REF NO
NEWPORT	0763-1

CROSS REFERENCE LIST
SOUTH CAROLINA

STATION DESIGNATION	ACIC REF NO
BARNWELL	3221-1
BATESBURG	3222-1
BEAUFORT	1017-0
BRANCHVILLE	3223-1
CHARLESTON	0525-2
CHESTER	3224-1
COLUMBIA	3225-1
FLORENCE	1024-0
GREENWOOD	3226-1
MYRTLE BEACH	3227-1
PAGELAND	3228-1
PICKENS	3229-1
SPARTANBURG	3230-1
ST STEPHENS	3231-1
SUMTER	3232-1

CROSS REFERENCE LIST
SOUTH DAKOTA

STATION DESIGNATION	ACIC REF NO
ABERDEEN	0467-0
BISON	1626-1
BOWDLE	0765-1
BUFFALO	4032-1
CHAMBERLAIN	1627-1
DUPREE	1628-1
EGAN	3953-1
GETTYSBURG	1629-1
HERREID	3952-1
HIGHMORE	1630-1
HOT SPRINGS	1631-1
HURON	0517-2
JUNCTION CITY	3954-1
KADOKA	1633-1
LAKE ANDES	1634-1
MARTIN	1635-1
MC INTOSH	1636-1
MITCHELL	1638-1
MOBRIDGE	1639-1
PIERRE	0422-1
PINE RIDGE	1641-1
RAPID CITY	0200-1
REDFIELD	1643-1
SCENIC	1644-1
SIOUX FALLS	0564-2
SPEARFISH	1645-1
WHITE RIVER	1647-1
WINNER	1648-1

CROSS REFERENCE LIST
TENNESSEE

STATION DESIGNATION	ACIC REF NO
CHATTANOOGA	2091-1
COLUMBIA	0407-1
GRIMSLEY	3872-1
HELENWOOD	0439-1
KNOXVILLE	0394-1
MEMPHIS	0620-1
PIKESVILLE	3873-1

CROSS REFERENCE LIST
TEXAS

STATION DESIGNATION	ACIC REF NO
ALICE	0464-1
ALPINE	0595-2
AMARILLO	0521-0
ASPERMONT	4674-1
AUSTIN	0768-0
BANDERA	4673-1
BARTLETT	3997-1
BAY CITY	1124-1
BEAUMONT	0047-1
BIG LAKE	4003-1
CHILDRESS	0090-2
CLEVELAND	0665-0
CORPUS CHRISTI	0450-1
DALHART	0089-1

CROSS REFERENCE LIST
TEXAS

STATION DESIGNATION	ACIC REF NO
DALLAS	0772-1
DEL RIO	0694-2
DIBOLL	3833-1
DILLEY	3830-1
DUMAS	4676-1
EL PASO	0479-1
ELDORADO	3826-1
ENCINAL	3829-1
FAYETTEVILLE	1126-1
FORT WORTH	0026-2
FREDERICKSBURG	3996-1
GALVESTON	0356-1
GUTHRIE	4002-1
HOUSTON	0270-1
JUNCTION	3828-1
KILGORE	3836-1
LAREDO	0515-2
LUBBOCK	0936-1
MC CAMEY	4004-1
MOUNT ENTERPRISE	3835-1
ODESSA	4311-1
OMAHA	0513-1
PAMPA	4675-1
PARIS	0541-2
PECOS	4000-1
PORT ISABEL	1743-1
POST	4001-1
SALINE	0935-1
SALT FLAT	0549-1
SAN ANGELO	0884-2
SAN ANTONIO	0519-1
SANDERSON	3998-1
SEMINOLE	4005-1
SIERRA BLANCA	0736-1
SWEETWATER	0375-1
VAN HORN	3999-1
VICTORIA	3994-1
ZAPATA	3995-1

CROSS REFERENCE LIST
UTAH

STATION DESIGNATION	ACIC REF NO
BEAVER	4617-1
BONANZA	4618-1
BRYCE CANYON	4619-1
CEDAR CITY	4620-1
CISCO	4621-1
DELTA	4622-1
DUGWAY	4623-1
EMORY	4624-1
ENTERPRISE	4625-1
EPHRAIM	4626-1
ESCALANTE	4627-1
EUREKA	4628-1
FRY CANYON	4629-1
GOLD HILL	4630-1
GREEN RIVER	0463-2
HANKSVILLE	4631-1
KANAB	4632-1
KNOLLS	4633-1
LAKETOWN	4634-1
LOA	2357-1
LOGAN	2362-1
LUCIN	4635-1
MANILA	4636-1
MEXICAN HAT	4637-1
MOAB	2356-1
MONTICELLO	4638-1
MYTON	4639-1
MUTTERS HOLE	4640-1
OGDEN	2099-0
PARK VALLEY	4641-1
PRICE	4025-1
PROVO	4642-1
RICHFIELD	4643-1
SALT LAKE CITY	0471-4
SNOWVILLE	4644-1
SOUTH WHITE VALLEY	4645-1
ST GEORGE	2355-1
VERNAL	0557-0
WENDOVER	4646-1

CROSS REFERENCE LIST
VERMONT

STATION DESIGNATION	ACIC REF NO
BURLINGTON	2093-1
ISLAND POND	1845-1
MARSHFIELD	0495-1

CROSS REFERENCE LIST
VIRGINIA

STATION DESIGNATION	ACIC REF NO
AMHERST	3325-1
BLACKSTONE	3338-1
BOYKINS	0540-1
BURGESS	3326-1
CHARLOTTESVILLE	0932-1
CLIFTON FORGE	3329-1
CULPEPER	3330-1
DILLWYN	3331-1
DUMFRIES	3332-1
EDINBURG	3333-1
GRUNDY	3335-1
HARBORTON	3339-1
HILLSVILLE	3340-1
JONESVILLE	3342-1
LEESBURG	3343-1
MARION	3344-1
MARTINSVILLE	3345-1
MONTEREY	3346-1
NORFOLK	0299-1
OAK GROVE	3347-1
RICHMOND	0610-1
ROANOKE	0933-1
SOUTH BOSTON	3323-1
ST PAUL	3321-1
STAUNTON	3349-1
WILLIAMSBURG	3336-1

CROSS REFERENCE LIST
WASHINGTON

STATION DESIGNATION	ACIC REF NO
BELLINGHAM	1258-1
CHELAN	2100-1
COLFAX	0482-1
DARRINGTON	1257-0
EASTON	1259-0
ELLENSBURG	2101-1
GLENWOOD	1268-0
GOLDENDALE	1269-0
GRAND COULEE	2102-1
KELSO	1266-0
METALINE	0483-1
MOCLIPS	2039-1
MOSES LAKE	1261-0
ODESSA	1260-0
OLYMPIA	0598-0
OMAK	2103-1
OROVILLE	2104-1
PORT ANGELES	0790-1
RAYMOND	1264-0
SEATTLE	0252-1
SPOKANE	0451-2
TACOMA	0396-2
UNIONTOWN	3937-1
WENATCHEE	2105-1
YAKIMA	1270-0

CROSS REFERENCE LIST
WEST VIRGINIA

STATION DESIGNATION	ACIC REF NO
BECKLEY	1084-0
BLUEFIELD	1086-0
CHARLESTON	0596-0
CLARKSBURG	0644-1
ELKINS	1077-0
FRANKLIN	1080-0
HUNTINGTON	1081-0
LOGAN	1083-0
MARLINTON	1082-0
MARTINSBURG	1074-0
MORGANTOWN	1073-0
PARKERSBURG	0607-1
ROMNEY	1075-0
SPENCER	1078-0
SUTTON	1079-0
WHEELING	1072-0
WHITE SULPHUR SPRINGS	1085-0

CROSS REFERENCE LIST
WISCONSIN

STATION DESIGNATION	ACIC REF NO
ALMA	4686-1
ASHLAND	4687-1
CRANDON	4688-1
CUMBERLAND	4689-1
DANBURY	3963-1
DODGEVILLE	4690-1
EAU CLAIRE	0040-2
GLIDDEN	4691-1
GRANTSBURG	4692-1
GREEN BAY	3961-2
HAYWARD	4583-1
HORICON	4693-1
HUDSON	4694-1
JANESVILLE-BELOIT	2011-2
LA CROSSE	4695-2
LADYSMITH	4584-1
LANGLADE	4696-1
MADISON	0186-0
MARINETTE	4697-1
MAUSTON	4698-1
MONTELLO	4699-1
NEILLSVILLE	4700-1
OSHKOSH	4701-1
PEWAUKEE	4702-1
PRAIRIE DU CHIEN	4703-1
PRENTICE	4704-1
SHAWANO	4705-2
SHEBOYGAN	4706-1
STURGEON BAY	4707-1
WAUSAU	4708-1
WAUSAUKEE	3962-1
WISCONSIN RAPIDS	4375-1
WOODRUFF	4709-1

CROSS REFERENCE LIST
WYOMING

STATION DESIGNATION	ACIC REF NO
AFTON	1649-1
ATLANTIC CITY	0585-1
BUFFALO	0663-1
CASPER	0511-0
CHEYENNE	0512-1
CODY	1651-1
COKEVILLE	1652-1
DANIEL	0738-1
DOUGLAS	0039-1
DUBOIS	1653-1
EDEN	0776-1
ENCAMPMENT	1654-1
EVANSTON	4008-1
JACKSON	2151-2
KIRBY	0548-1
LAMAR RANGER STATION	0545-1
LANDER	0632-2
LARAMIE	1657-1
LILY LAKE	0544-1
MAYOWORTH	0547-1
MEDICINE BOW	1658-1
MEETEESE	1659-1
MIDWEST	0664-2
NEWCASTLE	0649-1
OPAL	0421-1
ROCK SPRINGS	0588-1
SHERIDAN	0510-3
SHOSHONI	1661-1
SQUAW HOLLOW	0786-1
SUN RANCH	0361-1
SUNDANCE	1662-1
SWEETWATER STATION	0322-1
WEST THUMB	1664-1
WHEATLAND	2044-1

GRAVITY BASE STATION

LATITUDE 30° 31.8' N. (1)	STATION DESIGNATION BATON ROUGE
LONGITUDE 91° 09.3' W (1)	
ELEVATION 21.3 (1) METERS	COUNTRY/STATE USA/Louisiana
REFERENCE CODE NUMBERS ACIC 0013-1 WA 108	ADOPTED GRAVITY VALUE g= 979 362.84 mgals
	ESTIMATED ACCURACY ± 0.3 mgals
	DATE MONTH/YEAR Dec 1968

DESCRIPTION AND/OR SKETCH

Station is located at airport, Gate 1

(2)

REFERENCE SOURCE

(1) 00916 (2) 00415

601

ACIC HQ FORM FEB 69 O-415

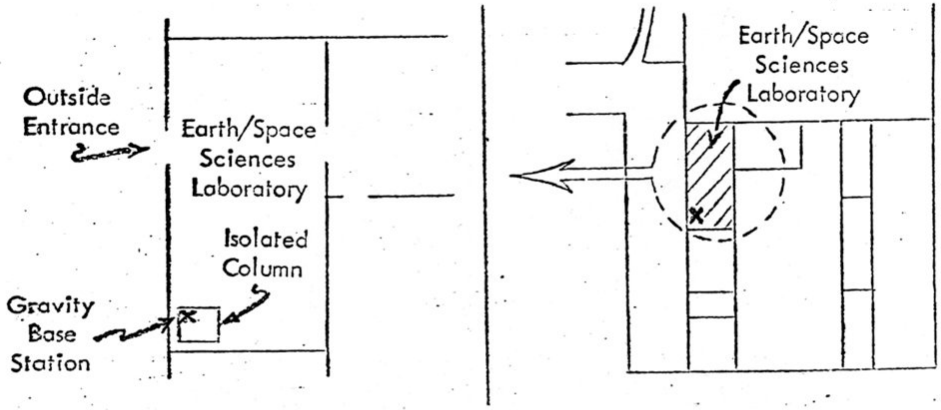
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
32° 46.98'N (1)	FORT WORTH (CARSWELL AFB)
LONGITUDE	
97° 26.79'W (1)	
ELEVATION	**COUNTRY/STATE**
193.25 METERS (1)	USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0026-2		g= 979 468.58 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 6/70

DESCRIPTION AND/OR SKETCH

The station is about 7 miles west of downtown Fort Worth, at the Fort Worth Division of General Dynamics (AF Plant #4, Carswell AFB Reservation), in Building 197, in the Earth/Space Sciences Laboratory, in the southeast corner on the granite slab atop the isolated column, about 10 meters east of the outside entrance to the laboratory, 1.2 meters north of the south wall, and 87 centimeters above the floor. (1)



(1)

REFERENCE SOURCE

(1) 03369

ACIC HQ FORM FEB 69 0-415

602

GRAVITY BASE STATION

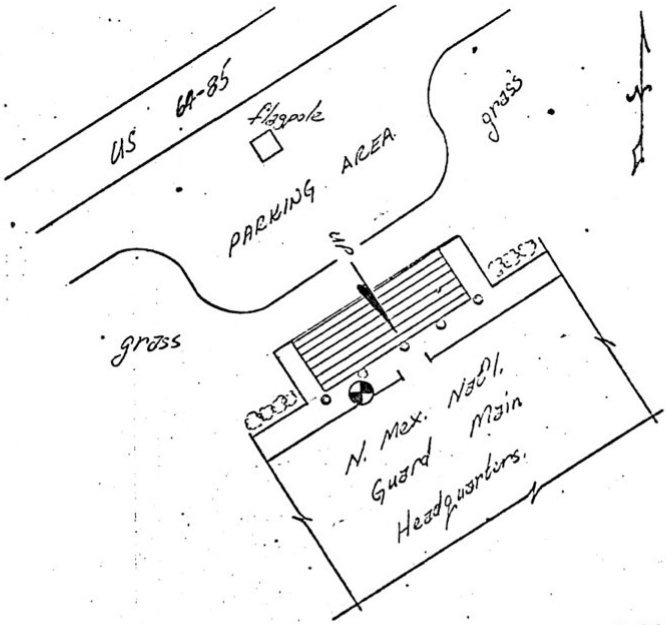
LATITUDE	STATION DESIGNATION
LONGITUDE	SANTA FE
ELEVATION METERS	COUNTRY/STATE USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0037-2		g= 979 178.55 mgals	
IGB 11956B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 11/70

DESCRIPTION AND/OR SKETCH

Santa Fe, New Mexico; at New Mexico National Guard State Headquarters main entrance, on concrete surface of porch at base of power outlet mounted in face of marble wall, approximately 18 feet southwest of doors, and approximately 10 feet east-northeast of 1 foot square concrete supporting column which is southwesternmost post of five such posts.

Station site is located approximately 2 miles southwest of city of Santa Fe along US Highways 64-85. (1)



(1)

REFERENCE SOURCE

(1) 03390

603

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 45.0'N (1)	STATION DESIGNATION DOUGLAS
LONGITUDE 105° 21.1'W (1)	
ELEVATION 1482.85 METERS (1)	COUNTRY/STATE USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0039-1		g= 979 952.42 mgals	
WA 276			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at the airport, at southwest corner of walk, on pavement by CAA office. (1)

REFERENCE SOURCE

(1) 00415

ACIC HQ FORM FEB 69 O-415

604

GRAVITY BASE STATION

LATITUDE 44° 48.47'N (1)	STATION DESIGNATION EAU CLAIRE
LONGITUDE 91° 30.3'W (1)	
ELEVATION 242.3 METERS (1)	COUNTRY/STATE USA/Wisconsin

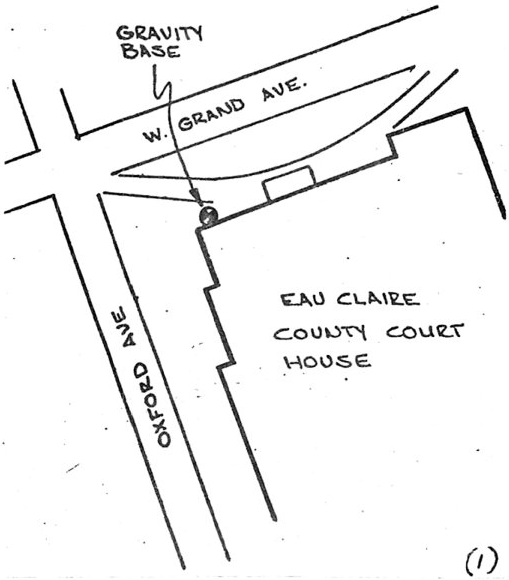
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0040-2		g= 980 533.13 mgals	
IGB 15441B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Eau Claire, near the intersection of West Grand Avenue and Oxford Avenue, at the Eau Claire County Court House, at the north side and the northwest corner of the building, on the pavement directly under USGS BM "PT 515".

To reach station from junction of US Route 12 and 53, follow US Route 12 (Business 12) into Eau Claire to Grand Avenue and then go west on Grand Avenue for four blocks (across bridge) to station.

(1)



(1)

REFERENCE SOURCE

(1) 03447

605

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 30° 04.5' N (1)	STATION DESIGNATION BEAUMONT
LONGITUDE 94° 12.8' W (1)	
ELEVATION 9.4 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0047-1		g= 979 314.04 mgals	
WA 263			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at airport, to right of steps into terminal from field. (1)

REFERENCE SOURCE

(1) 00415

ACIC HQ FORM FEB 69 O-415

606

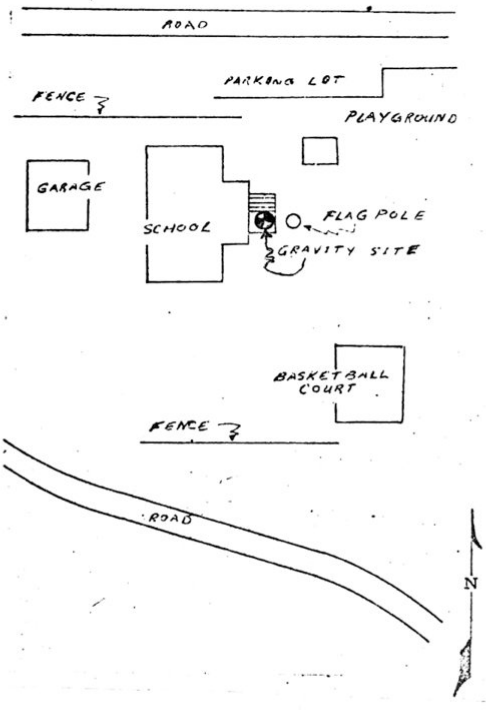
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
37° 02.5'N (1)	JOPLIN
LONGITUDE	
94° 32.5'W (1)	
ELEVATION	**COUNTRY/STATE**
300.48 METERS (1)	USA/Missouri

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 0054-2	g= 979 828.65 mgals	
	ESTIMATED ACCURACY	DATE
	± 0.1 mgals	MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

At Joplin, 4 feet north of southeast corner of McClelland School; in west end of south concrete step; standard tablet stamped "40 H 1935". (1)



(1)

REFERENCE SOURCE

(1) 03417

607

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 44° 19.2' N. (1)	STATION DESIGNATION AUGUSTA
LONGITUDE 69° 47.8' W. (1)	
ELEVATION 108.2 METERS (1)	COUNTRY/STATE USA/Maine

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0056-1		g= 980 536.31 mgals	
WA 231			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at the Augusta State Airport, at end of concrete sidewalk to Administration Building from field. (1)

REFERENCE SOURCE

(1) 00415

ACIC HQ FORM FEB 69 0-415

608

GRAVITY BASE STATION

LATITUDE 30° 12.3' N. (1)	STATION DESIGNATION LAKE CHARLES
LONGITUDE 93° 09.5' W. (1)	
ELEVATION 5.2 METERS (1)	COUNTRY/STATE USA/Louisiana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0065-1		g= 979 331.54 mgals	
WA 230			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at the airport at Lake Charles, to left of walk to passenger operations on taxi ramp. (1)

REFERENCE SOURCE

(1) 00415

609

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 36.6'N (1)	STATION DESIGNATION
LONGITUDE 90° 35.1'W (1)	DAVENPORT
ELEVATION 229.5 METERS (1)	COUNTRY/STATE USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0077-2		g= 980 250.28 mgals	
IA 82			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Davenport Municipal Airport; near the village of Mt. Joy; 6 miles north of the city of Davenport; in the terminal building, in the northeast corner of the waiting room, near the FFA Radio-weather telephone booth, about ½ meter from the east wall with the glass block window; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

ACIC HQ FORM FEB 69 O-415

610

GRAVITY BASE STATION

LATITUDE 36° 01.2' N (1)	STATION DESIGNATION DALHART
LONGITUDE 102° 33.2' W (1)	
ELEVATION 1215.8 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0089-1; WA 266	ADOPTED GRAVITY VALUE: g= 979 439.34 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at the municipal airport, south door into U. S. Weather Bureau station, at north edge of ramp. (1)

REFERENCE SOURCE

(1) 00415

611

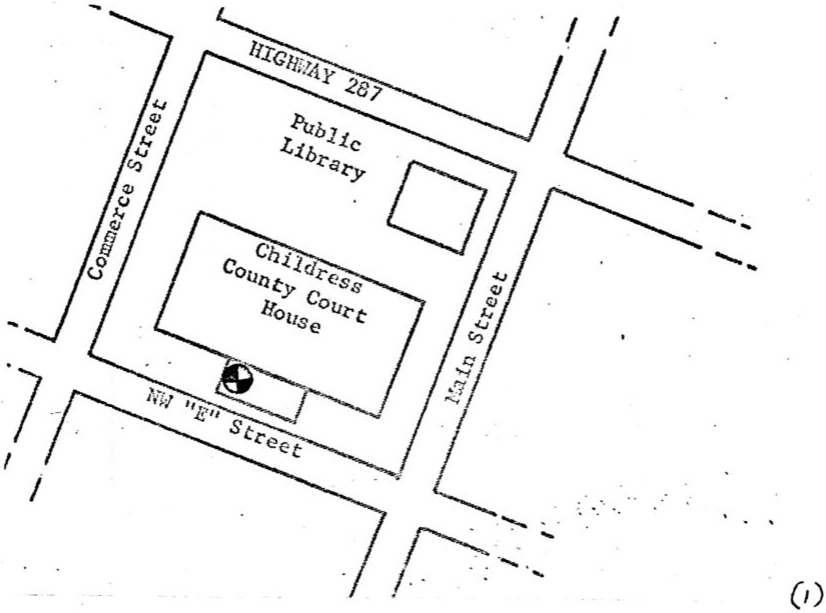
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 34° 25.60'N (1)	STATION DESIGNATION CHILDRESS
LONGITUDE 100° 12.20'W (1)	
ELEVATION 554.7 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0090-2; IGB 11940B	ADOPTED GRAVITY VALUE: g= 979 487.72 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Childress, Texas, on northwest "E" Street, between Commerce and Main Streets, at the Childress County Court House, on the west side of the top step, where the wall joins the step, approximately 6 inches from wall. The station is a "USAF Gravity" Disc. (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

612

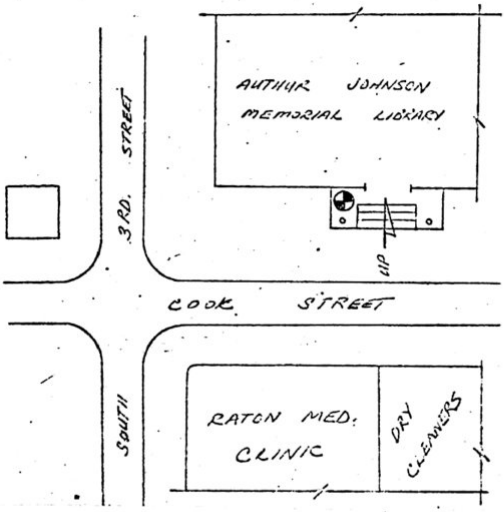
GRAVITY BASE STATION

LATITUDE 36° 54.16'N (1)	STATION DESIGNATION RATON
LONGITUDE 104° 26.44'W (1)	
ELEVATION 2034.5 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0101-3	g= 979 303.99 mgals
IGB 11964B	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Raton, New Mexico; at Authur Johnson Memorial Library, on surface of west retaining wall of steps leading to main entrance of building, approximately 12 feet west of centerline of double doors and approximately 5 feet north of westernmost lamp post of two such posts.

Station site located in northeast quadrant of north-south street (South Third Street) and east-west street (Cook Street). (1)



(1)

REFERENCE SOURCE

(1) 03390

613

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 59.0'N (1)	STATION DESIGNATION CLERMONT
LONGITUDE 91° 39.0'W (1)	
ELEVATION 264.8 METERS (1)	COUNTRY/STATE USA/Iowa
REFERENCE CODE NUMBERS: ACIC 0117-2; IA 33	ADOPTED GRAVITY VALUE: g= 980 377.61 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 5/70

DESCRIPTION AND/OR SKETCH

At the Clermont Municipal Airport (Valley), ½ mile south of the town of Clermont; by the doors on the north side of the hangar, on the concrete dividing strip; marked with a red paint spot. (1)

REFERENCE SOURCE

(1) 03355

GRAVITY BASE STATION

LATITUDE 42° 03.2'N (1)	STATION DESIGNATION BOONE
LONGITUDE 93° 51.2'W (1)	
ELEVATION 349.6 METERS (1)	COUNTRY/STATE USA/Iowa
REFERENCE CODE NUMBERS: ACIC 0118-2; IA 8	ADOPTED GRAVITY VALUE: g= 980 321.27 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 5/70

DESCRIPTION AND/OR SKETCH

At the Boone Municipal Airport, ½ mile southeast of the town of Boone; in the northeast corner of the hangar; between the door from the airport manager's office and the hot water heater; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

615

ACIC HQ FORM FEB 69 O-415

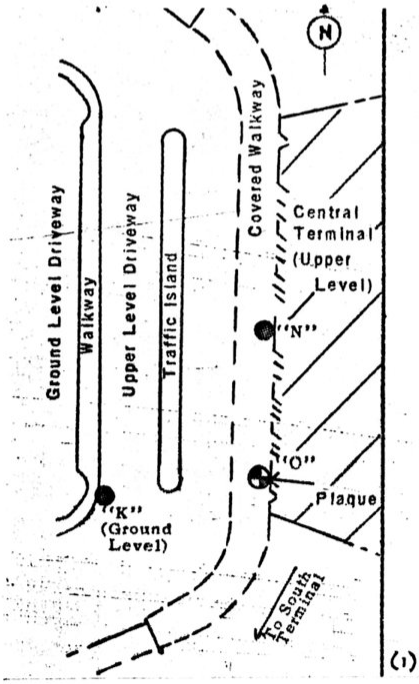
GRAVITY BASE STATION

LATITUDE 37° 37.00'N (1)	STATION DESIGNATION SAN FRANCISCO
LONGITUDE 122° 22.80'W (1)	
ELEVATION 7.00 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 0133-0; IGB 121720	ADOPTED GRAVITY VALUE: g= 979 986.11 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July 1967

DESCRIPTION AND/OR SKETCH

The station is about twelve miles south of downtown San Francisco, at San Francisco International Airport, at the Central Terminal (the older of the two terminals, serving Concourses C and D), on the upper level, west (street) side, one meter south of the southernmost set of multiple doors. The site is below the 1954 dedication plaque, on the concrete walkway.

Station is monumented with a USAF Gravity Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 0-415

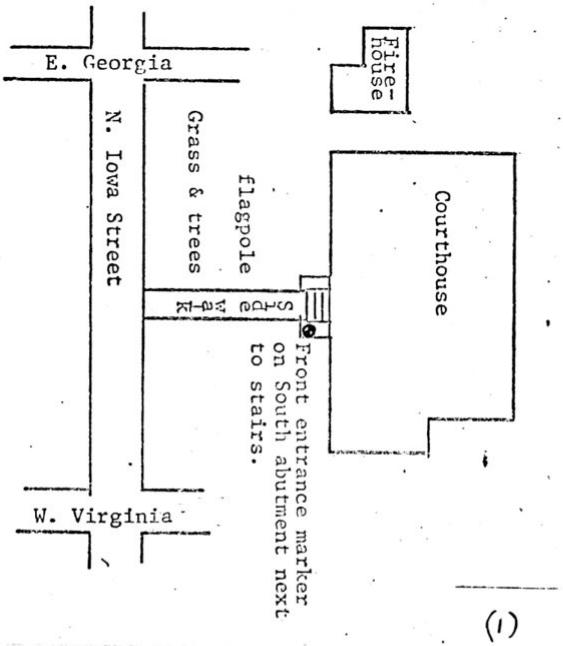
616

GRAVITY BASE STATION

LATITUDE 38° 32.76'N (1)	STATION DESIGNATION GUNNISON
LONGITUDE 106° 55.50'W (1)	
ELEVATION 2347.88 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 0164-2; IGB 11986D	ADOPTED GRAVITY VALUE: g= 979 341.32 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is at the Gunnison County Courthouse on the south concrete abutment beside the stairs leading to the front entrance. The station is monumented with the standard USAF Disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

617

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 38° 53.6'N (1)	STATION DESIGNATION WASHINGTON
LONGITUDE 77° 02.0'W (1)	
ELEVATION 0.2 METERS (1)	COUNTRY/STATE USA/District of Columbia

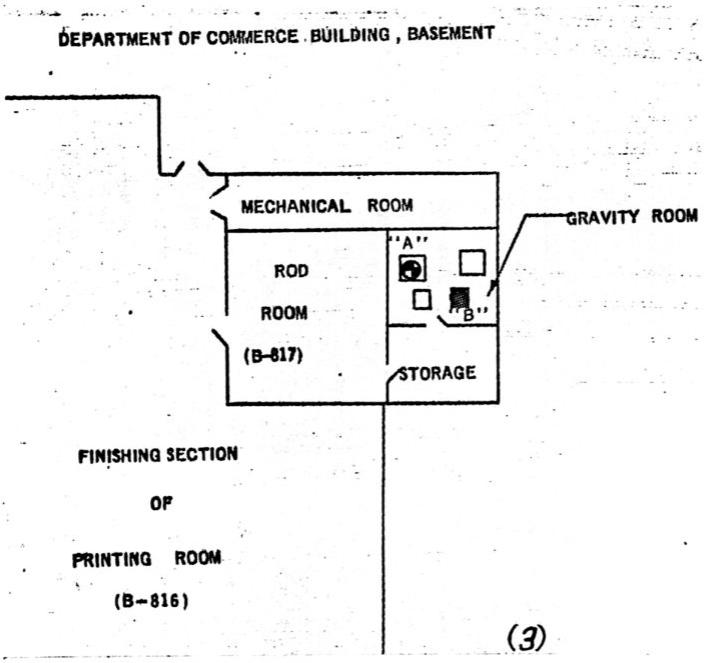
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0165-0		g= 980 118.0 mgals	
IGB 11687A			
U 337			
NHO 01.01		ESTIMATED ACCURACY	DATE
		± 0.00 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

Observations were made in the Commerce Building on Constitution Avenue between 14th and 15th Streets.

Site is located in the basement, in the Coast and Geodetic Survey Instrument Division, Level Rod Room (B-817), in a vault called the "Gravity Room", on top of the westernmost of two elevated piers. The tops of the elevated piers are 56 x 56 cm and are 61 cm above the floor level, and both have the same gravity.

The west pier is the National Reference Station for the United States and a FOWGN station. (1) (2) (3)



REFERENCE SOURCE

(1) 00916 (2) 01412 (3) 02630

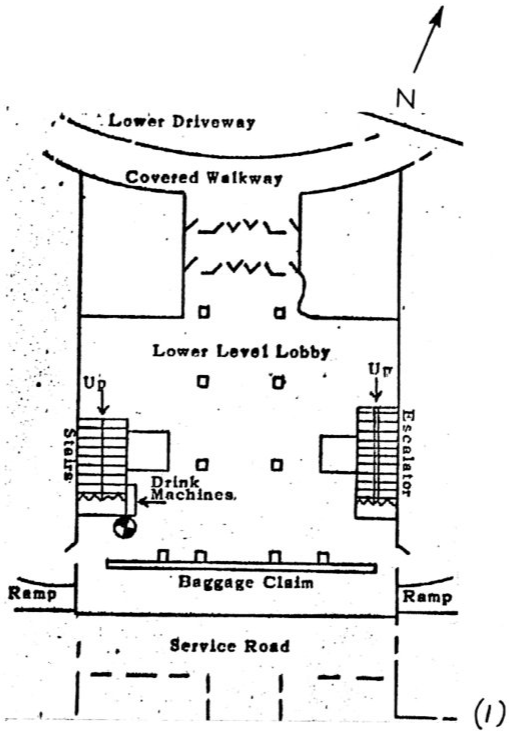
GRAVITY BASE STATION

LATITUDE 39° 10.80' N. (1)	STATION DESIGNATION BALTIMORE
LONGITUDE 76° 40.10' W. (1)	
ELEVATION 44.50 METERS (1)	COUNTRY/STATE USA/Maryland
REFERENCE CODE NUMBERS: ACIC 0165-5; IGC 11687M	ADOPTED GRAVITY VALUE: g= 980 102.38 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is about six miles south of Baltimore at the Friendship International Airport Terminal, in the lower level lobby, southwest part, about four meters north of the baggage claim counter, at the southeastern corner of the stairwell. The station is adjacent to the south side of the drink machines.

Station is monumented with a brass disk inscribed "CALIBRATION BASE." (1)



(1)

REFERENCE SOURCE

(1) 02733

619

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 38° 06.7'N (1)	STATION DESIGNATION HASTY
LONGITUDE 102° 56.7'W (1)	
ELEVATION 1180 METERS (1)	COUNTRY/STATE USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0166-1		g= 979 635.8 mgals	
U 1170			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located in Hasty, in the northwest corner of sec. 30, T. 22 S., R. 49W., 38 yards south of U. S. Highway 50, 13 yards east of State Highway 266, 0.05 mile south of a section-line road, 68 feet south and 9 feet east of the Brown Geophysical Co. observation point, and at the same elevation. Observations were made on the ground 60 yards south of a standard gravity reference mark stamped "W 189 B.G.C.", set im a concrete sewer intake 12 yards north of the highway. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 O-415

620

GRAVITY BASE STATION

LATITUDE 25° 50.8' N (1)	STATION DESIGNATION EVERGLADES
LONGITUDE 81° 23.3' W (1)	
ELEVATION 1 METERS (1)	COUNTRY/STATE USA/Florida

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0167-1		g= 979 036.9 mgals	
U 503			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located 0.8 mile south of west end of main street in Everglades, 0.5 mile along shell road from fork in Riverside Avenue, which is 0.3 mile from foot of main street in Everglades, 7 yards north of shell road, 55 yards north of shoreline of bay, 100 yards west of city dump yard, about 30 yards west of the east side of large thicket of bushes, and S.7° W. (mag.) from the city water tower. (1)

REFERENCE SOURCE

(1) 00269

621

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 27° 06.2' N (1)	STATION DESIGNATION FORT OGDEN
LONGITUDE 81° 56.0' W (1)	
ELEVATION 10 METERS (1)	COUNTRY/STATE USA/Florida

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0168-1		g = 979 130.2 mgals	
U 480			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located 1.6 miles northeast of Fort Ogden, 1.13 miles northeast of intersection of Atlantic Coast Line Railroad and the Seaboard Air Line Railway, on a dim road crossing the Atlantic Coast Line Railroad tracks from U. S. Highway 17, 142 yards northwest of Atlantic Coast Line Railroad tracks. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 0-415

622

GRAVITY BASE STATION

LATITUDE 30° 11.3' N (1)	STATION DESIGNATION LAKE CITY
LONGITUDE 82° 37.3' W (1)	
ELEVATION 57.9 METERS (1)	COUNTRY/STATE USA/Florida

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0171-1		g= 979 333.4 mgals	
U 869			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

In the eastern part of Lake City, in the southern edge of the Duval Tourist Camp, which is south of U. S. Highway 90, near the southern property line of the camp, and 123 feet west of the eastern property line. A standard gravity reference mark is 2 feet west of the eatern property line and is 0.06 mile south of U. S. Highway 90. Station is 121 feet N. 76° W. (mag.) from mark. To reach station from southeast corner of square in Lake City, go south a short 1/2 block, and east 0.9 mile on U. S. Highway 90 to Duval Camp entrance, then south 0.06 mile to station. (1)

REFERENCE SOURCE

(1) 00269

623

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

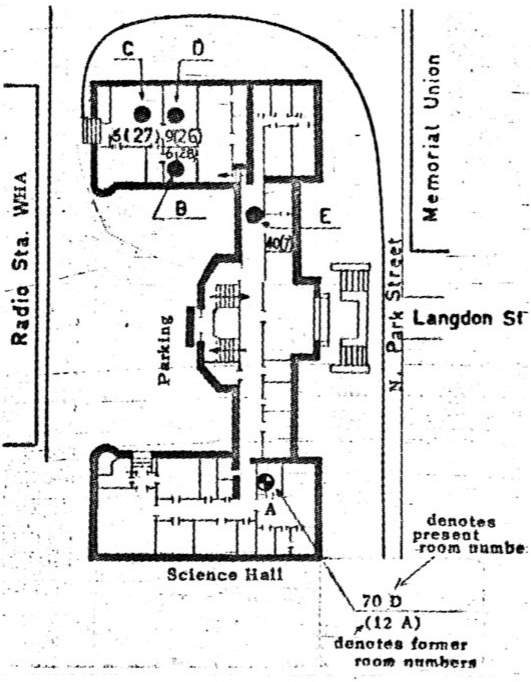
LATITUDE 43° 04.60'N (1)	STATION DESIGNATION MADISON
LONGITUDE 89° 24.00'W (1)	
ELEVATION 268.8 METERS	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0186-0		g= 980 367.93 mgals	
IGB 15339A			
GW 130			
DO 9965-62		ESTIMATED ACCURACY	DATE
GW 3		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Madison at the University of Wisconsin at Science Hall (intersection of North Park Street and Langdon Street) in the southeast part of the basement, in laboratory Room 70-D (formerly room 12-A), 0.6 meter east of the west wall, midway between the north and south walls, on the concrete floor.

Station is monumented with a National Gravity Base Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 0-415

624

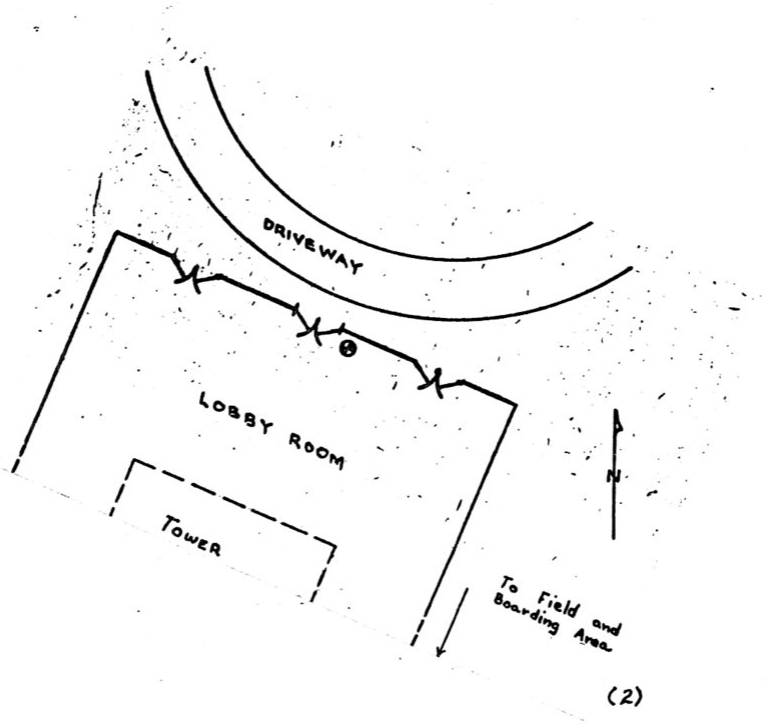
GRAVITY BASE STATION

LATITUDE 32° 44.0'N (1)	STATION DESIGNATION SAN DIEGO
LONGITUDE 117° 11.0'W (1)	
ELEVATION 4.27 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0187-0		g= 979 536.03 mgals	
WA 85			
NHO 32.01			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

Station is near San Diego, at Lindbergh Field inside terminal lobby, at middle door to street, at right side (facing out). (1)



REFERENCE SOURCE

(1) 00916 (2) 02632

625

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

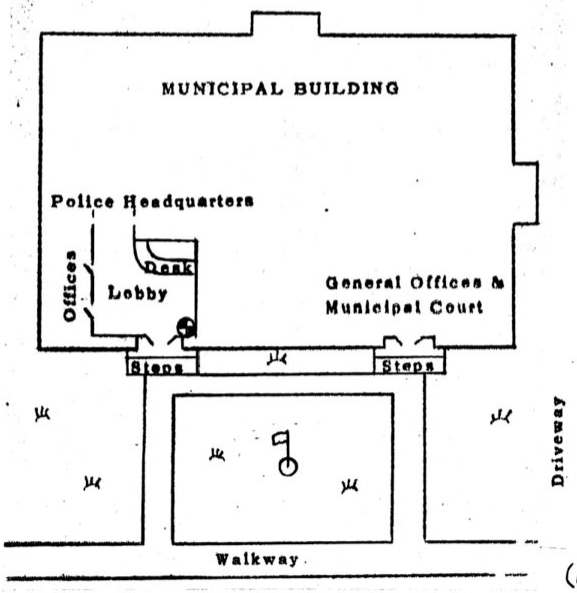
LATITUDE 44° 04.90' N (1)	STATION DESIGNATION RAPID CITY
LONGITUDE 103° 12.90' W (1)	
ELEVATION 976.00 METERS (1)	COUNTRY/STATE USA/South Dakota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0200-1		g= 980 270.86 mgals	
IGC 15543B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Rapid City at the Municipal Building, 22 Main Street, at the Police Headquarters entrance (westernmost of two Main St. entrances), inside and about 0.6 meter east of the doors, in the corner on the tile floor.

Station is monumented with a U. S. National Gravity Base Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 0-415

626

GRAVITY BASE STATION

LATITUDE 40° 57.0'N (1)	STATION DESIGNATION
LONGITUDE 91° 31.0'W (1)	MOUNT PLEASANT
ELEVATION 221.6 METERS (1)	COUNTRY/STATE USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0201-1			
IA 44		g= 980 179.06 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Mount Pleasant Municipal Airport, 3 miles southeast of the city of Mount Pleasant; in the northwest corner of the waiting room in the terminal building, about ½ meter from the west wall, between the windows and the door leading to the basement; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

627

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
36° 09.6'N (1)	WAUKENA
LONGITUDE	
119° 30.5'W (1)	
ELEVATION	**COUNTRY/STATE**
69.3 METERS (1)	USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0203-1		$g=$ 979 781.12 mgals	
U 1031			
C 240			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Oct/1968

DESCRIPTION AND/OR SKETCH

Station is located approximately 1.5 miles north of the Waukena railroad station near the westerly end of the east-west half-section line through sec. 29, T. 20 S., R. 23E., on the farm of Michael Kearney. The mark, a standard gravity mark stamped "WAUKENA 1939" and set in the top of the concrete post projecting 4 inches above the ground, is 584 feet east from the center line of Shamrock Ave., 47 feet west of a north-south fence line, and 1 foot north of the fence line marking the half-section. Observations made on ground 157 feet N. 30°W. from mark elevation of mark is 228.9 feet. (1)

REFERENCE SOURCE

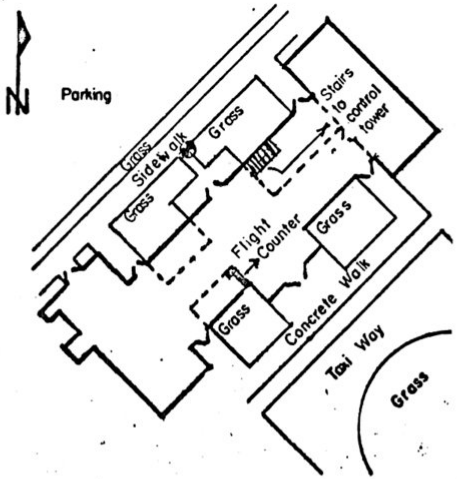
(1) 00269

GRAVITY BASE STATION

LATITUDE 34° 54'N (1)	STATION DESIGNATION EDWARDS AFB
LONGITUDE 117° 52'W (1)	
ELEVATION 701.65 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 0214-1; IGB 12047J	ADOPTED GRAVITY VALUE: g= 979 506.27 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Feb/1968

DESCRIPTION AND/OR SKETCH

The station is at Edwards Air Force Base, on concrete walk, street side of Base Operations, at junction of sidewalk and sidewalk leading to door. (1)



(2)

REFERENCE SOURCE

(1) 00653 (2) Personal Communication 1st GSS (23 Jan 69)

629

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 41° 25' N (1)	STATION DESIGNATION CLEVELAND
LONGITUDE 81° 51' W (1)	
ELEVATION 240.49 METERS (1)	COUNTRY/STATE USA/Ohio

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0223-1		g= 980 231.29 mgals	
WA 137			
		ESTIMATED ACCURACY	DATE
		± 0.2 mgals	MONTH/YEAR Oct/1968

DESCRIPTION AND/OR SKETCH

The station is at the Cleveland-Hopkins Municipal Airport, at gate #6 to field, field side of gate. (1)

REFERENCE SOURCE

(1) 00653

ACIC HQ FORM FEB 69 O-415

630

GRAVITY BASE STATION

LATITUDE 43° 04.0'N (1)	STATION DESIGNATION
LONGITUDE 92° 36.0'W (1)	CHARLES CITY
ELEVATION 344.4 METERS (1)	COUNTRY/STATE USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0232-1		g= 980 317.72 mgals	
IA 34			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Charles City Municipal Airport, 3 miles east of the town of Charles City; in the northeast corner of the middle hangar, inside the north door; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
42° 28.0'N (1)	
LONGITUDE	
93° 16.0'W (1)	IOWA FALLS
ELEVATION	COUNTRY/STATE
347.5 METERS (1)	USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0247-1			
IA 42		g= 980 276.16 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Iowa Falls Municipal Airport, 3 miles south of the town of Iowa Falls; in the southeast corner of the hangar, about ½ meter northwest of the block wall between the hangar door and the door to the office; marked with a red paint spot. (1)

REFERENCE SOURCE

(1) 03355

ACIC HQ FORM FEB 69 O-415

632

GRAVITY BASE STATION

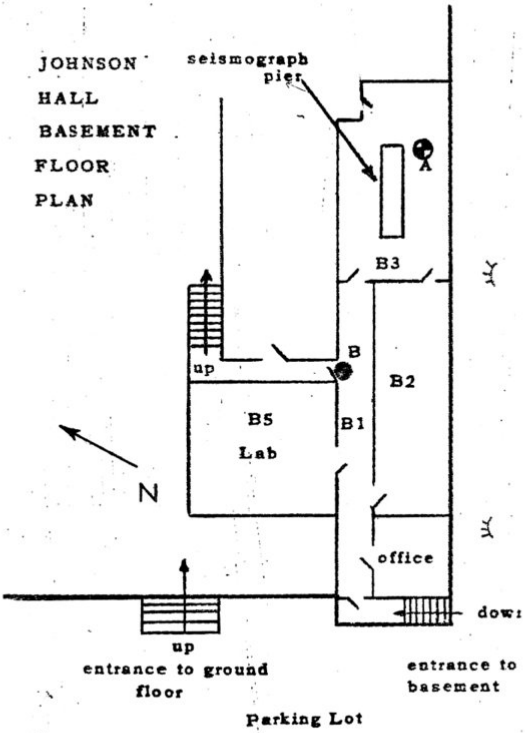
LATITUDE 47° 39.60'N (1)	STATION DESIGNATION SEATTLE
LONGITUDE 122° 18.30'W (1)	
ELEVATION 58.00 METERS (1)	COUNTRY/STATE USA/Washington

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0252-1		g= 980 738.02 mgals	
IGB 15772A			
GW 104			
DO 9804-66		ESTIMATED ACCURACY	DATE
NHO 33.00		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Seattle on the University of Washington campus, at the Geology Building (Johnson Hall), in the southwest part of the basement, in room B-3 (the Seismograph Lab), at the foot of the southeast corner of the 1.03 meter high seismic pier, on the concrete floor.

Station is monumented with a National Gravity Base Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

633

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 29° 46.6' N (1)	STATION DESIGNATION TENNILLE
LONGITUDE 83° 19.6' W (1)	
ELEVATION 6.1 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 0255-1; U 871	ADOPTED GRAVITY VALUE: g= 979 325.0 mgals
	ESTIMATED ACCURACY: ± 0.5 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at the crossroads of Tennille, at the south intersection of U. S. Highway 19 and State Highway 69, approximately 19 miles northwest of Cross City, and 28 miles southeast of Perry, on land owned by C. M. Tennille, 99 feet southwest of southwest right-of-way of U. S. Highway 19, and 75 feet southeast of center line of State Highway 69, 126 feet N. 13° E. (mag.) from mark. Mark is a standard gravity reference mark set in concrete post in the yard of C. M. Tennille, 9 feet north of outside of chimney of house. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 0-415

634

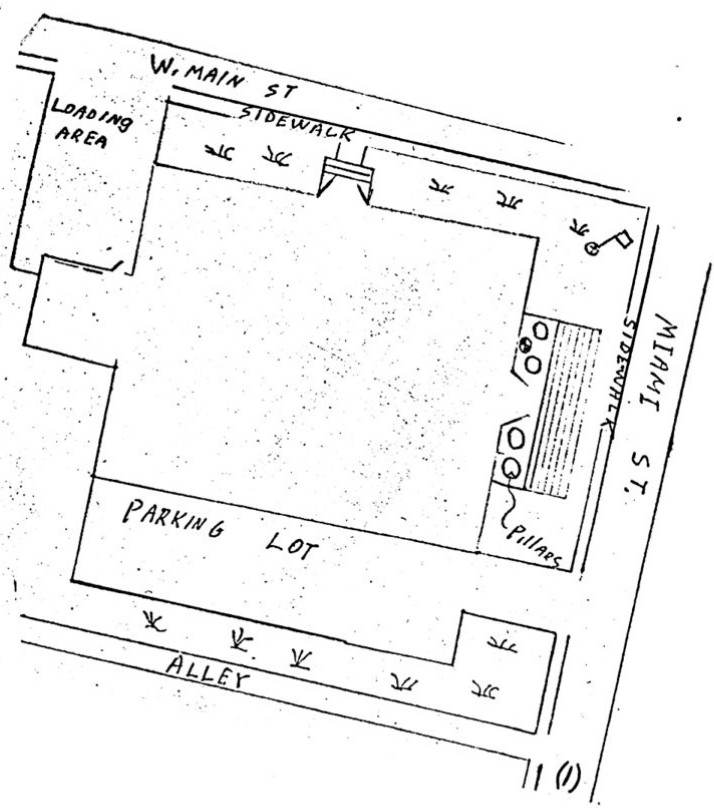
GRAVITY BASE STATION

LATITUDE 40° 47.85'N (1)	STATION DESIGNATION WABASH
LONGITUDE 85° 50.35'W (1)	
ELEVATION 210.0 METERS (1)	COUNTRY/STATE USA/Indiana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0258-1		g= 980 160.24 mgals	
IGB 15305B			
		ESTIMATED ACCURACY	DATE
		± 0.2 mgals	MONTH/YEAR 6/70

DESCRIPTION AND/OR SKETCH

The station is in Wabash at the Post Office, on the Miami Street side, just north of the entrance doors, between the northernmost two of the four support pillars, on the marble step. The station is monumented with a brass disk inscribed "USAF Gravity Station". (1)



REFERENCE SOURCE

(1) 05104

35

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 38° 00.25'N (1)	STATION DESIGNATION GARDEN CITY
LONGITUDE 100° 53.05'W (1)	
ELEVATION 877.5 METERS (1)	COUNTRY/STATE USA/Kansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0259-1		g= 979 727.63 mgals	
HUS 1333			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 23S, R 33W, S 36 (SE quarter)

Along US Highway 83, about 1.9 miles north of Garden City, at the junction of Highway 83 and an east-west crossroad, in the southwest corner of the intersection, at BM (destroyed) location: " elevation 2879 feet". (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 37° 38.9' N. (1)	STATION DESIGNATION PRATT
LONGITUDE 98° 41.5' W. (1)	
ELEVATION 562.0 METERS (1)	COUNTRY/STATE USA/Kansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0262-1		g= 979 790.8 mgals	
U 1150			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located about 2 miles east of Pratt, in northwest corner of NE 1/4 sec. 1, T. 28 S., R. 13 W., at the junction of U. S. Highway 54 and State Highway 64, on the south side of U. S. Highway 54, in the center of a large grassy triangle formed by the junction of the highways, on the center line of State Highway 64 extended, 66 yards east of the center line of the west leg of the wye, 51 yards north of south apex of triangle, and 180 yards south of center line of U. S. Highway 54, on the ground 70 ft. south-southeast of a standard gravity reference mark. This mark is stamped "PRATT 1948" and set in moulding plaster 4 ft. south of the first telephone pole south of the highway on a line leading south to a farm house. (1)

REFERENCE SOURCE

(1) 00269

GRAVITY BASE STATION

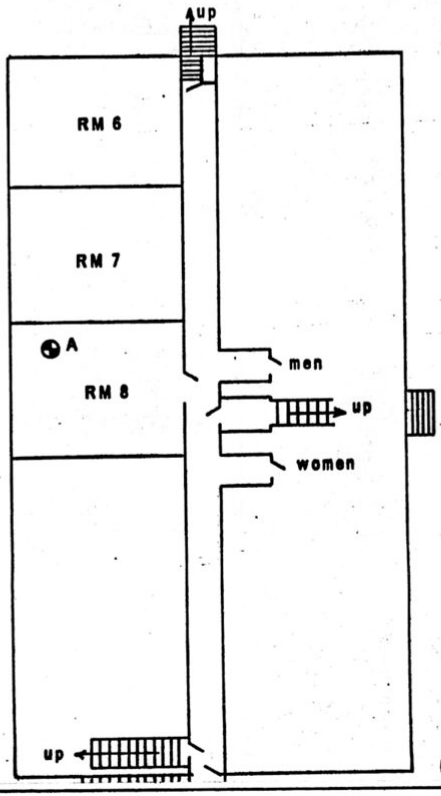
LATITUDE 39° 40.7'N (1)	STATION DESIGNATION DENVER
LONGITUDE 104° 57.7'W (1)	
ELEVATION 1635.5 METERS (1)	COUNTRY/STATE USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0268-1		g= 979 611.45 mgals	
IGB 11994A			
GW 126			
DO 9945-63		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Denver at the University of Denver in the Science Building basement in room #8, next to the north wall, 2.5 meters east of the west wall and 2.5 meters west of the support column, on the concrete floor.

Station is monumented with a brass disk inscribed "U. of Wis. International Gravity Station". (1)



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 41° 53.0'N (1)	STATION DESIGNATION
LONGITUDE 91° 42.0'W (1)	CEDAR RAPIDS
ELEVATION 263.0 METERS	COUNTRY/STATE USA/Iowa
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0269-1	g= 980 251.03 mgals
IA 57	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Cedar Rapids Municipal Airport, 6.5 miles southwest of the city of Cedar Rapids; along the south wall of the east waiting room of the terminal building, below the windows and about 1 meter west of the trophy case; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

639

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

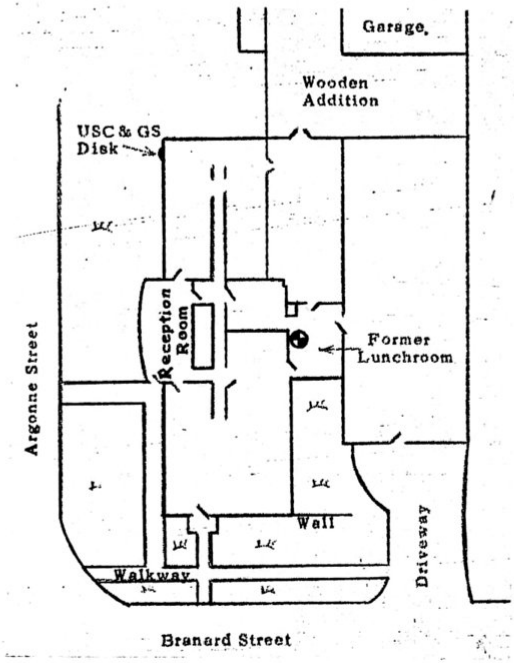
LATITUDE	STATION DESIGNATION
29° 44.20' N (1)	HOUSTON
LONGITUDE	
95° 25.10' W (1)	
ELEVATION	**COUNTRY/STATE**
18.40 METERS (1)	USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0270-1		g = 979 297.51 mgals	
IGC 08295B			
GW 18			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is southwest of downtown Houston at the northeast corner of Branard St. and Argonne St., at the former Hall-Sears Co. (2424 Branard St., also formerly occupied by Houston Technical Lab and Electro Tech International Co.), near the center of the building, east of the reception room, in the former lunchroom, at the west wall, about two meters south of the northernmost of two doorways in the west wall, on the tile floor.

Station is monumented with a USAF Gravity Disk. A USC&GS Gravity Disk is set vertically 0.3 meters south of the northwest corner of the building, 0.3 meters above the ground. (1)



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 O-415

640

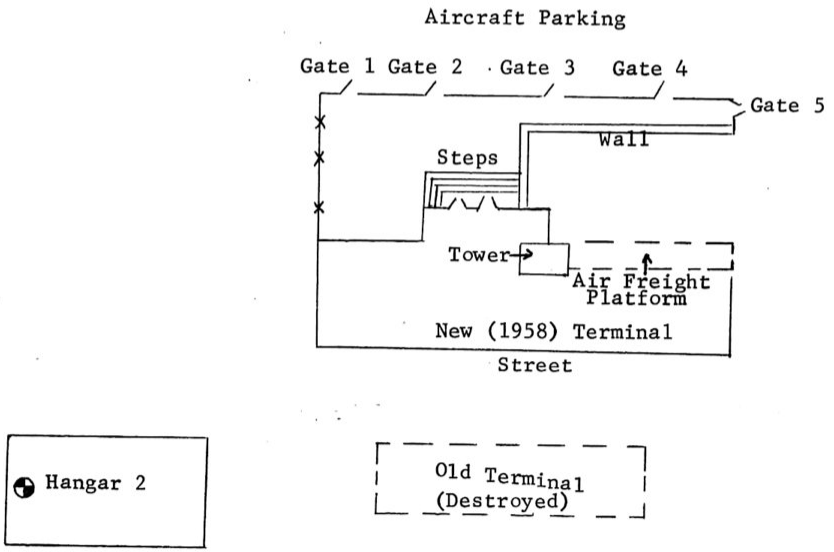
GRAVITY BASE STATION

LATITUDE 45° 48.20' N (1)	STATION DESIGNATION BILLINGS
LONGITUDE 108° 32.50' W (1)	
ELEVATION 1101.50 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0278-2	g= 980 370.10 mgals
IGC 15558A	
GW 35	
DO 9697-63	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is north of Billings at Billings Municipal Airport (Logan Field), southwest of the new terminal (built in 1958), in Hangar 2 (about 120 meters northwest of the bronze "Range Rider" statue, and 60 meters west and 30 meters north of the main beacon - an orange and white checkered water tower), 2.1 meters east of the middle of the west wall, on the concrete floor.

The station is monumented with a USAF Gravity Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

641

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 30.0'N (1)	STATION DESIGNATION
LONGITUDE 91° 30.0'W (1)	MANCHESTER
ELEVATION 304.8 METERS (1)	COUNTRY/STATE USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0280-1		g= 980 359.96 mgals	
IA 28			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Manchester Municipal Airport, 3 miles west of the city of Manchester; outisde and along the north side of the hangar immediately west of the outside telephone booth; not marked. (1)

REFERENCE SOURCE

(1) 03355

ACIC HQ FORM FEB 69 0-415

642

GRAVITY BASE STATION

LATITUDE 41° 49.5'N (1)	STATION DESIGNATION CLINTON
LONGITUDE 90° 19.8'W (1)	
ELEVATION 215.8 METERS (1)	COUNTRY/STATE USA/Iowa
REFERENCE CODE NUMBERS: ACIC 0282-1; IA 23	ADOPTED GRAVITY VALUE: g= 980 268.00 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Clinton Municipal Airport, 7 miles west-southwest of the city of Clinton; in the northeast corner of the garage at the west end of the terminal building; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

643

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 40° 43.0'N (1)	STATION DESIGNATION
LONGITUDE 95° 01.0'W (1)	CLARINDA
ELEVATION 302.4 METERS (1)	COUNTRY/STATE USA/Iowa
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0287-1	g= 980 111.55 mgals
IA 73	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Clarinda Municipal Airport, 1 mile southeast of the town of Clarinda; on the concrete sidewalk just outside the south door of the airport office; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

644

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 42° 44.0'N (1)	STATION DESIGNATION
LONGITUDE 95° 33.0'W (1)	CHEROKEE
ELEVATION 369.4 METERS (1)	COUNTRY/STATE USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0289-1		g= 980 312.21 mgals	
IA 18			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Cherokee Municipal Airport, 1 mile south of the town of Cherokee; in the north end of the terminal building, in the middle of the floor, on the enlaid compass rose. (1)

REFERENCE SOURCE

(1) 03355

645

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 10.0'N (1)	STATION DESIGNATION SPENCER
LONGITUDE 95° 12.0'W (1)	
ELEVATION 406.9 METERS (1)	COUNTRY/STATE USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0290-1		g= 980 309.35 mgals	
IA 21			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Spencer Municipal Airport, 3 miles northwest of the city of Spencer; in the terminal building, in the southeast corner of the office area between the windows and the back of the service counter; marked with an orange spot. (1)

REFERENCE SOURCE

(1) 03355

ACIC HQ FORM FEB 69 0-415

646

GRAVITY BASE STATION

LATITUDE 39° 04.3'N (1)	STATION DESIGNATION
LONGITUDE 97° 03.9'W (1)	WILKINS WELL
ELEVATION 361.2 METERS (1)	COUNTRY/STATE USA/Kansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0292-1			
U 296		g= 979 962.0 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located 1.75 miles north of Sutphen Mill, on the Wilkins farm in the NE¼ sec. 26, T. 11 S., R. 3E., 0.27 mile southeast of the Schraub farmhouse, 0.26 mile north of the junction of the north-south and east-west half-section line roads, 28 ft. east of the center line of the north-south road, and 16 ft. north of the prolongation of the hedge line on the west side of the road. It is 21 ft. S.5°E. of the gravity mark. The mark is a standard gravity mark stamped "WILKINS WELL 1938" and set in the top of a concrete post flush with the surface of the ground. (1)

REFERENCE SOURCE

(1) 00269

647

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 09.0'N (1)	STATION DESIGNATION
LONGITUDE 93° 20.0'W (1)	MASON CITY
ELEVATION 370.6 METERS (1)	COUNTRY/STATE USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0296-1		g = 980 421.40 mgals	
IA 17			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Mason City Municipal Airport, 8 miles west of the city of Mason City; in the drive-through between the terminal building and the hangar, below the thermostat on the east wall; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

ACIC HQ FORM FEB 69 O-415

648

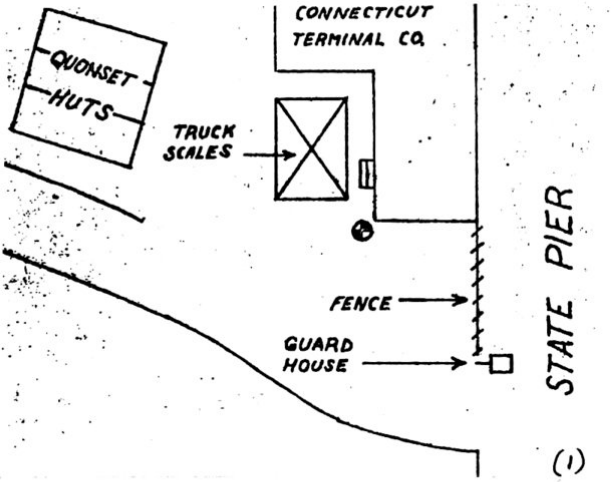
GRAVITY BASE STATION

LATITUDE 41° 21'N (1)	STATION DESIGNATION NEW LONDON
LONGITUDE 72° 06'W (1)	
ELEVATION 4.6 METERS (1)	COUNTRY/STATE USA/Connecticut

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0297-0		g= 980 293.0 mgals	
NHO 46.04			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at the Connecticut State Pier, approximately two feet from corner of Connecticut Terminal Co. Bldg. This corner faces the water tower. Station is marked by a standard brass USN Hydrographic Office gravity disk stamped "0046.04".



REFERENCE SOURCE

(1) 02632

649

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 24.0'N (1)	STATION DESIGNATION
LONGITUDE 95° 03.0'W (1)	ATLANTIC
ELEVATION 353.0 METERS (1)	COUNTRY/STATE USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0298-1		g= 980 261.65 mgals	
IA 15			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Atlantic Municipal Airport, 1 mile west of the town of Atlantic; in the southeast corner of the airport manager's office, between the doors to the rest rooms; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

ACIC HQ FORM FEB 69 O-415

650

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
LONGITUDE	NORFOLK
ELEVATION METERS	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0299-1	g= 979 873.2 mgals
	ESTIMATED ACCURACY / DATE
	± 0.4 mgals / MONTH/YEAR June/1968

DESCRIPTION AND/OR SKETCH

Station is located adjacent to a door to the warehouse in the front parking area of the Norfolk Regional Office Building. It is marked by a 1" square chip mark in concrete. The station is 3 1/2' east of the east wall of the warehouse and 6" south of the supporting wall for the loading well. (1)

REFERENCE SOURCE

(1) 01398

651

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 42° 03.0'N (1)	STATION DESIGNATION
LONGITUDE 94° 47.0'W (1)	CARROLL
ELEVATION 366.4 METERS (1)	COUNTRY/STATE USA/Iowa
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0302-1	g= 980 251.27 mgals
IA 14	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Carroll Municipal Airport, 4 miles east-southeast of the town of Carroll; along the north wall of the main floor of the terminal building, east of the terminal building, east of the windows and about 1 meter west of the door leading to the ramp; not marked. (1)

REFERENCE SOURCE

(1) 03355

ACIC HQ FORM FEB 69 0-415

652

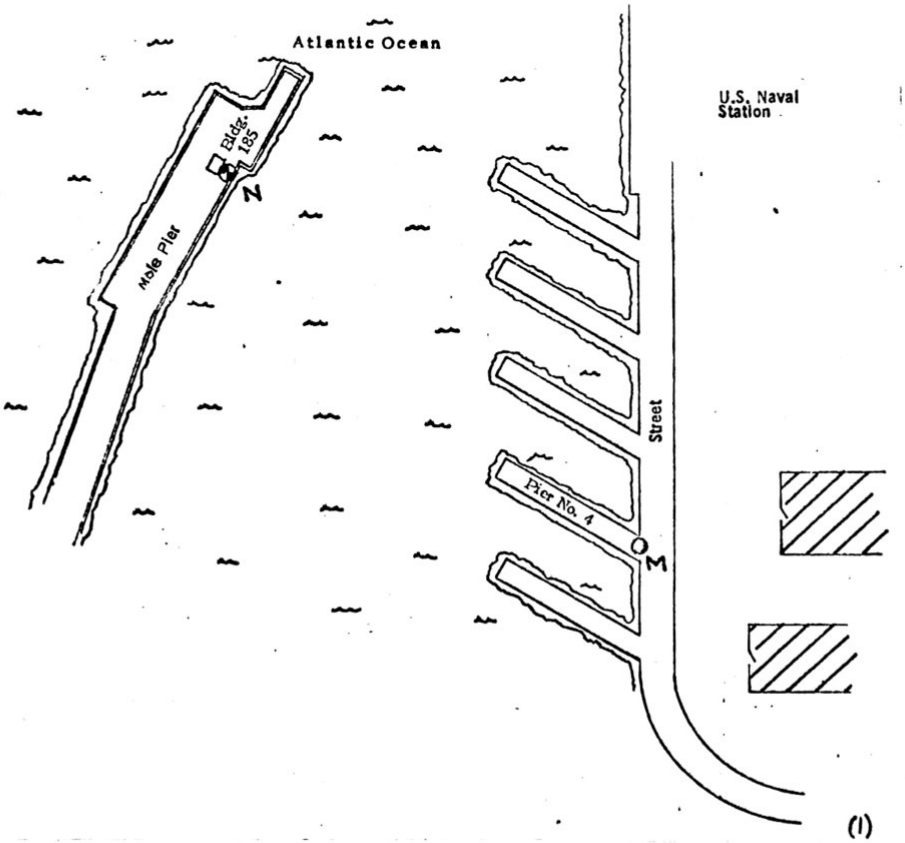
GRAVITY BASE STATION

LATITUDE 24° 33'N (1)	STATION DESIGNATION KEY WEST
LONGITUDE 81° 49'W (1)	
ELEVATION 2 METERS (1)	COUNTRY/STATE USA/Florida

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0304-5		g= 978 967.67 mgals	
IGC 08141N			
WH 41			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Feb/1968

DESCRIPTION AND/OR SKETCH

The gravity station is in Key West at the U. S. Naval Base (the main gate is near the south end of Southard St.). Station is at the Lamont Geological Observatory site on a long angling pier ("MOLE" pier), on the concrete edge of the pier east of a one-story concrete building No. 185. (1)



REFERENCE SOURCE

(1) 02752

453

ACIC HQ FORM FEB 69 0-415

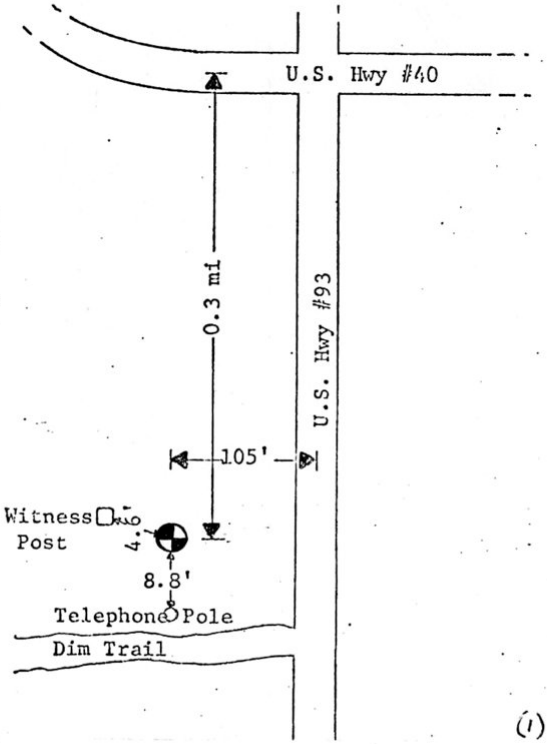
GRAVITY BASE STATION

LATITUDE 41° 06.09'N (1)	STATION DESIGNATION WELLS
LONGITUDE 114° 57.35'W (1)	
ELEVATION 1720.24 METERS (1)	COUNTRY/STATE USA/Nevada

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0310-1		g= 979 744.54 mgals	
IGB 15614C			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

From the junction of US Highways 40 and 93 in Wells, go south 0.3 mile on Highway 93. At this point, the station is 105 feet west of the centerline of Highway 93, 8.8 feet north of a telephone pole, 4.6 feet east of a wooden witness post, and is set in the top of a round concrete post extending 4 inches above the ground. The mark is a standard USC & GS Bench Mark Disc stamped "142 1957". (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

654

GRAVITY BASE STATION

LATITUDE 42° 33.0'N (1)	STATION DESIGNATION
LONGITUDE 92° 23.3'W (1)	WATERLOO
ELEVATION 265.4 METERS (1)	COUNTRY/STATE USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0312-1			
IA 7		g= 980 302.47 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Waterloo Municipal Airport, 6 miles northwest of the city of Waterloo; in the cargo room of the terminal building, at the base of the I beam on the north wall, between the door leading to the ramp and the door leading to the basement; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

655

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 40° 41.0'N (1)	STATION DESIGNATION CENTERVILLE
LONGITUDE 92° 54.0'W (1)	
ELEVATION 311.8 METERS (1)	COUNTRY/STATE USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0316-1		g= 980 134.32 mgals	
IA 4			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Centerville Municipal Airport, 3.5 miles southwest of the town of Centerville; in the northeast corner of the east hangar; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

ACIC HQ FORM FEB 68 O-415

656

GRAVITY BASE STATION

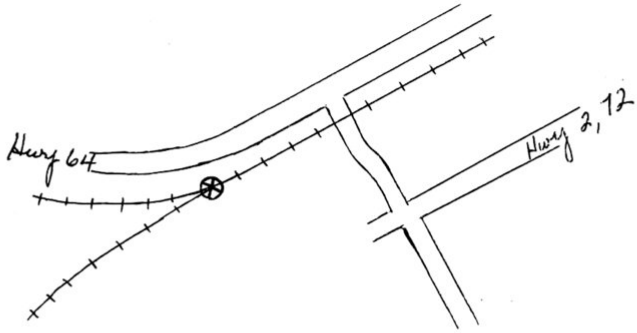
LATITUDE 34° 52.08'N (1)	STATION DESIGNATION STEVENSON
LONGITUDE 85° 50.35'W (1)	
ELEVATION 191.4 METERS (1)	COUNTRY/STATE USA/Alabama

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0320-1		g= 979 664.30 mgals	
HUS 1598			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 2S, R 8E, S 18

In the town of Stevenson, at the Southern railroad station, track level, at BM "E 12" elevation: 628 feet. (1)



(1)

REFERENCE SOURCE

(1) 04099

657

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 32.67'N (1)	STATION DESIGNATION SWEETWATER STATION
LONGITUDE 108° 11.28'W (1)	
ELEVATION 1998.6 METERS (1)	COUNTRY/STATE USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0322-1		g= 979 835.43 mgals	
HUS 1846			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 30N, R 95W, S 28 (west border area)

In gravel pit about 100 feet north of BM "P 28 USGS 1934". Station is about 3.5 feet lower than BM; approximately 0.4 mile west of Sweetwater Station. BM is on top of concrete post projecting above the ground on the north side of the highway. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

658

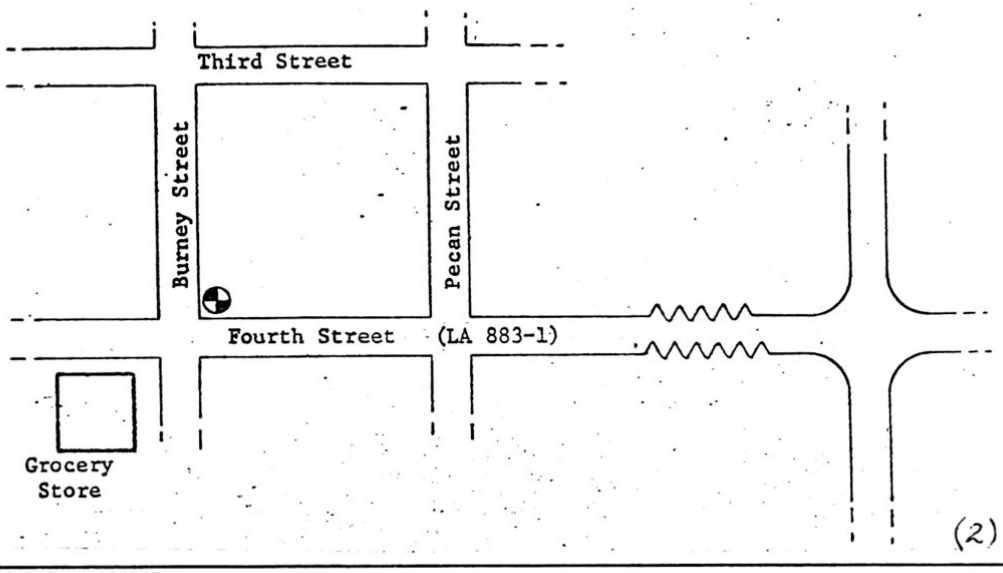
GRAVITY BASE STATION

LATITUDE 32° 48.1'N (1)	STATION DESIGNATION LAKE PROVIDENCE
LONGITUDE 91° 10.7'W (1)	
ELEVATION 31.1 METERS (2)	COUNTRY/STATE USA/Louisiana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0325-1		g= 979 549.66 mgals	
IGB 11821J			
U 1114		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Station is located in the west central part of the town of Lake Providence. A standard gravity mark stamped "LAKE PROVIDENCE 1941" is set in the top of a concrete post, flush with the surface of the ground. It is 51 feet north, 10° east from center line of Fourth Street, 203 feet north, 80° west from prolongation of center line of Pecan Street, 152 feet south 80°E from the prolongation of center line of Burney Street, and 312 feet south, 10°east from center line of Third Street. Observations were made 14 feet north, 75° east from the mark. (1)



REFERENCE SOURCE

(1) 00269 (2) 03405

654

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 44° 40.1' N (1)	STATION DESIGNATION POTSDAM
LONGITUDE 74° 58.8' W (1)	
ELEVATION 130.8 METERS (1)	COUNTRY/STATE USA/New York

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0334-1		g= 980 557.9 mgals	
U 87			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at Potsdam, at the Clarkson School of Technology, on the ground floor, in the photometrics room which is directly north of the north entrance to the furnace room. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 0-415

660

GRAVITY BASE STATION

LATITUDE 40° 25.0' N (1)	STATION DESIGNATION WEST LAFAYETTE
LONGITUDE 86° 55.6' W (1)	
ELEVATION 185.8 METERS (1)	COUNTRY/STATE USA/Indiana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0338-1			
U 1092		g= 980 146.1 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.6 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

Station is located in Purdue University Airport at the west city limits of West Lafayette. From the intersection of Marstellar and West State Streets (main Purdue campus entrance), go 0.85 mile due west on West State Street, thence 0.55 mile due south on gravel road to airport. A standard gravity reference mark stamped "W. LAFAYETTE 1940" is set flush in the concrete foundation of the southeast leg of airport beacon. The station is 170 ft. S. 70° E. from mark, 230 ft. S. 20° E. from the most southerly rail of the New York Central Railroad tracks (at a switch control, east of the intersection of airport road and railroad tracks), and 380 ft. N. 70 E. from center of the control tower in the southeast corner of main airport hangar. (1)

REFERENCE SOURCE

(1) 00269

661

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 34° 43.1' N (1)	STATION DESIGNATION BEAUFORT
LONGITUDE 76° 39.8' W (1)	
ELEVATION 1.5 METERS (1)	COUNTRY/STATE USA/North Carolina

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0343-1		g= 979 729.4 mgals	
U 18			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at Beaufort, in the basement of the Masonic Hall, on Turner Street, one block south of the courthouse, in a room near the center of the north side. Observation was made on a low concrete pier. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 0-415

662

GRAVITY BASE STATION

LATITUDE 40° 32.8' N (1)	STATION DESIGNATION CELINA
LONGITUDE 84° 32.8' W (1)	
ELEVATION 269.5 METERS (1)	COUNTRY/STATE USA/Ohio

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 0349-1	g= 980 150.9 mgals	
U 1084		
	ESTIMATED ACCURACY	DATE
	± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located in Fairview Park Cottage Camp, between State Highway 29 and Grand Lake, approximately 1 mile (air line) east of the city of Celina and 1.0 mile along State Highway 29 east from county courthouse in Celina. A standard gravity reference mark stamped "CELINA 1940" is set in the top of a concrete post projecting 3 inches above the ground. It is in the fence line between Fairview Park Cottage Camp and a field, 203 feet due south from center line of State Highway 29, and 271 feet N. 10° E. from the water's edge of Grand Lake. Observations were made 20 feet due west from the mark, 202 feet S. 5° W. from the center line of State Highway 29, 272 feet N. 5° E. from the water's edge of Grand Lake, and 260 feet S. 75° E. from center line of Fairview Park Cottage Camp driveway. (1)

REFERENCE SOURCE

(1) 00269

663

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 29° 18.2' N (1)	STATION DESIGNATION GALVESTON
LONGITUDE 94° 47.5' W (1)	
ELEVATION 2.3 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0356-1; U 7	ADOPTED GRAVITY VALUE: g= 979 274.0 mgals
	ESTIMATED ACCURACY: ± 0.5 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at Galveston, at the Ball High School, between Avenue G and H and between Twenty-first and Twenty-second Streets, in the janitor's storeroom, on the ground floor, and nearly under the dome; about 16 meters east and 41 meters south of longitude station of 1895. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 O-415

664

GRAVITY BASE STATION

LATITUDE 42° 26.58'N (1)	STATION DESIGNATION SUN RANCH
LONGITUDE 107° 12.67'W (1)	
ELEVATION 1819.4 METERS (1)	COUNTRY/STATE USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0361-1		g= 979 887.79 mgals	
HUS 1841			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 29N, R 8W, S 35

On the south side of old Highway 220, at BM level, approximately 0.4 mile east of Sun Ranch at BM "G 31" BM elevation: 5969 feet.

(1)

REFERENCE SOURCE

(1) 04099

665

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 45° 27.7' N. (1)	STATION DESIGNATION GREENVILLE
LONGITUDE 69° 35.5' W. (1)	
ELEVATION 313.3 METERS (1)	COUNTRY/STATE USA/Maine

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0362-1		g= 980 588.61 mgals	
WA 232			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at the Folsom Air Service at Greenville, one foot southeast from southeast corner of hangar. (1)

REFERENCE SOURCE

(1) 00415

ACIC HQ FORM FEB 69 0-415

666

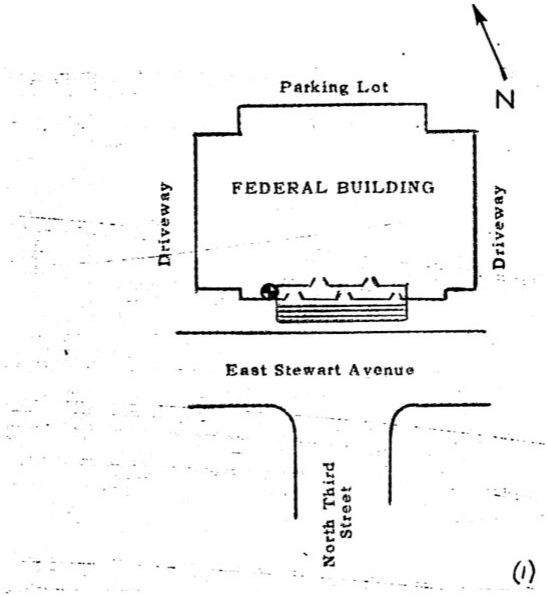
GRAVITY BASE STATION

LATITUDE 36° 11.05' N (1)	STATION DESIGNATION LAS VEGAS
LONGITUDE 115° 08.45' W (1)	
ELEVATION 646.00 METERS (1)	COUNTRY/STATE USA/Nevada
REFERENCE CODE NUMBERS: ACIC 0363-2; IGC 12065B	ADOPTED GRAVITY VALUE: g= 979 600.21 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: July/1967

DESCRIPTION AND/OR SKETCH

The station is in downtown Las Vegas on the north side of East Stewart St. (at the imaginary extension of North Third St.), at the Federal Building, inside the main (south) entrance, about two meters west of the westernmost of three outside doors, south of the elevators, in the southeast corner of the alcove, at the east end of the radiator, on the terrazzo floor.

Station is monumented with a National Gravity Base Disk. (1)



REFERENCE SOURCE

(1) 02733

667

ACIC HQ FORM FEB 69 0-415

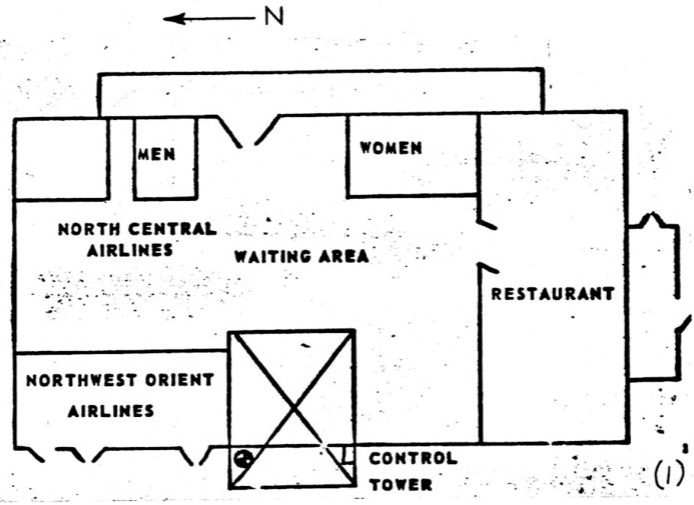
GRAVITY BASE STATION

LATITUDE 46° 54.9' N (1)	STATION DESIGNATION FARGO
LONGITUDE 96° 48.9' W (1)	
ELEVATION 274.3 METERS (1)	COUNTRY/STATE USA/North Dakota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0366-0		g= 980 726.21 mgals	
IGC 15466J			
WA 50			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

Station is at Hector Field, Fargo, N. D., in a small foyer of the west entrance from the ramp, on a concrete surface marked by a bronze disc inscribed "USC&GS Bench Mark L 403 1957." (1)



(1)

REFERENCE SOURCE

(1) 05099

ACIC HQ FORM FEB 69 O-415

668

GRAVITY BASE STATION

LATITUDE 44° 37.2'N (1)	STATION DESIGNATION NEWPORT
LONGITUDE 124° 02.8'W (1)	
ELEVATION 5.2 METERS (1)	COUNTRY/STATE USA/Oregon

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0373-2		g= 980 609.70 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/72

DESCRIPTION AND/OR SKETCH

The observations were made in Newport, Oregon, at the Newport Marine Science Building.

The site is located at the center of the electronics laboratory, room 30A, over the chiseled X in the floor. (1)

REFERENCE SOURCE

(1) 01110

669

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 31.9' N (1)	STATION DESIGNATION DOVER
LONGITUDE 81° 28.4' W (1)	
ELEVATION 276.0 METERS (1)	COUNTRY/STATE USA/Ohio

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0374-1		g= 980 146.1 mgals	
U 395			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located in Dover, near northeast edge of city, 64 yards north and 12 yards east of center of intersection of Fifth Street and North Johnson Avenue. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 0-415

670

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
32° 28.5' N (1)	SWEETWATER
LONGITUDE	
100° 23.7' W (1)	
ELEVATION	**COUNTRY/STATE**
651.1 METERS (1)	USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0375-1		g= 979 301.1 mgals	
IGC 11920J			
U 721			
		ESTIMATED ACCURACY	DATE
		± 0.6 mgals	MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

Station is located on the northeast side of the city of Sweetwater, on the property of "Camp Joy" tourist camp, 0.9 mile on U. S. Highway 80 (Broadway St.) northeast of the county courthouse in Sweetwater, 125 paces northwest of the main line of the Texas & Pacific Railroad. Pendulums were set in the ground at a point on the west side of the camp grounds, 140 ft. southeast of the northwest property line of the camp, about 60 yds southeast of the center line of U. S.Highway 80, 95 ft. northeast of the southwest property line of the camp, about 10 ft. northwest of a cabin, and 10 ft. north of the gravity station mark stamped "SWEETWATER 1936." (1)

REFERENCE SOURCE

(1) 00269

671

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
33° 36.85'N (1)	LINCOLN
LONGITUDE	
86° 07.15'W (1)	
ELEVATION	**COUNTRY/STATE**
151.5 METERS (1)	USA/Alabama

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0376-1		g= 979 580.53 mgals	
HUS 1497			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 6/70

DESCRIPTION AND/OR SKETCH

T 16S, R 5E, S 28

In Lincoln, at the Southern railroad station in the north part of town, east of State Highway 102, at BM "R 235". BM elevation: 497 feet. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

672

GRAVITY BASE STATION

LATITUDE 32° 07.5'N (1)	STATION DESIGNATION TUCSON
LONGITUDE 110° 57.0'W (1)	
ELEVATION 790.96 METERS (1)	COUNTRY/STATE USA/Arizona

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0380-0		g= 979 226.84 mgals	
WA 3			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Mar/1968

DESCRIPTION AND/OR SKETCH

The station is at the Tucson Municipal Airport, at barrier, Gate 4. (1)

REFERENCE SOURCE

(1) 00916

673

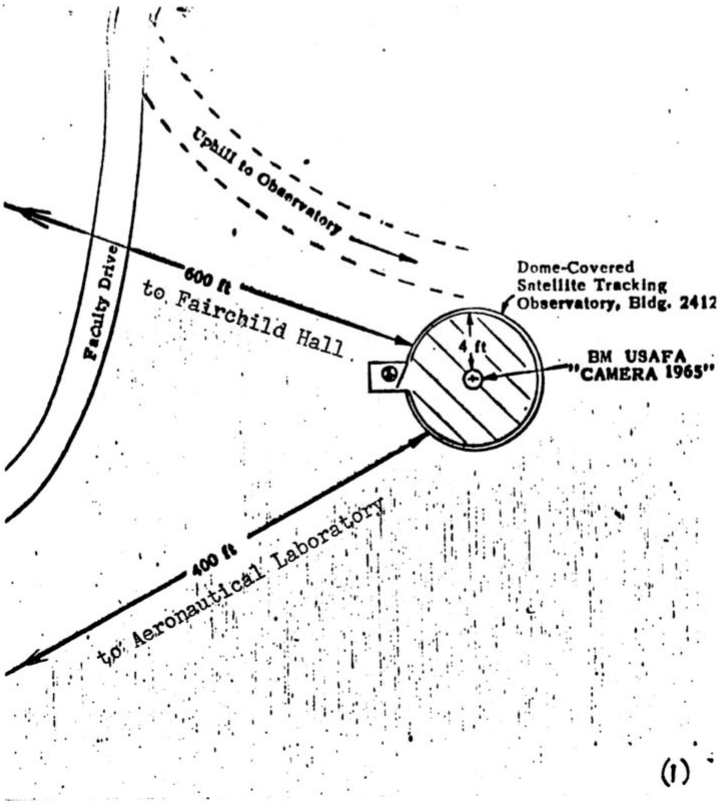
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 39° 00.98'N (1)	STATION DESIGNATION COLORADO SPRINGS
LONGITUDE 104° 52.98'W (1)	
ELEVATION 2184.10 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 0381-2; IGB 11994F	ADOPTED GRAVITY VALUE: g= 979 428.69 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is located at the USAF Academy near Colorado Springs. Site is 600 feet ESE of the academic building (Fairchild Hall) and 400 feet NE of the Aeronautical Laboratory; at the dome covered Satellite Tracking Observatory. Station is on the west side of the dome on a concrete entrance porch. Station is monumented with a brass disk inscribed "USAF Gravity Station." (1)



REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
37° 46.0' N (1)	MURPHYSBORO
LONGITUDE	
89° 20.7' W (1)	
ELEVATION	COUNTRY/STATE
127.3 METERS	USA/Illinois

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0383-1		g= 979 943.61 mgals	
U 1110			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

Station is located on the Gulf, Mobile & Ohio Railroad property, at the northeasterly corner of Nineteenth and Logan Streets, in the west central section of the city of Murphysboro. From post office in Murphysboro, go 0.3 mile westerly along Walnut Street, thence 0.2 mile northerly along Nineteenth Street to Logan Street. A standard gravity reference mark stamped "MURPHYSBORO 1941" is set in the top of a concrete post, flush with the surface of the ground. It is 67 ft. due east from center line of Nineteenth St., 60 ft. due north from center line of Logan Street and 509 ft. due west from the most westerly rail of the Gulf, Mobile & Ohio Railroad tracks. Observations made 42 ft. N, 45° E. from mark. Elevation of mark is 416.7 ft. (1)

REFERENCE SOURCE

(1) 00269

675

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 36° 42.8' N (1)	STATION DESIGNATION TOMPKINS
LONGITUDE 85° 41.3' W (1)	
ELEVATION 273.0 METERS (1)	COUNTRY/STATE USA/Kentucky

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0385-1		g= 979 799.6 mgals	
U 1181			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located in Tompkinsville, 0.20 miles east along State Highway 100 from the junction of State Highways 63, 163 and 100, 90 yards east of a private driveway leading to a sawmill and lumber yard, in the lumber yard owned by the Tompkinsville Livestock Market, and 77 yards north of the highway. Observations were made 10 ft. north of a standard gravity mark stamped "TOMPKINS 1948" and set in a fence line. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 0-415

676

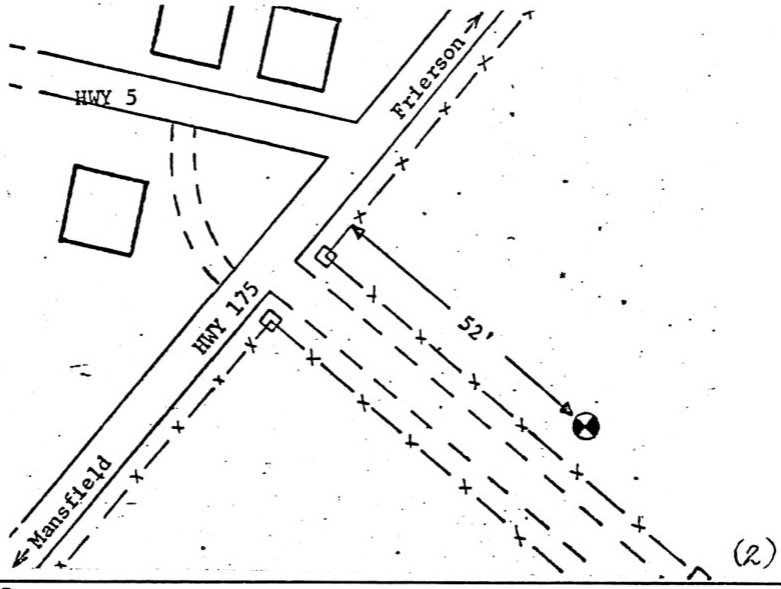
GRAVITY BASE STATION

LATITUDE 32° 11.0'N (1)	STATION DESIGNATION KINGSTON
LONGITUDE 93° 42.6'W (1)	
ELEVATION 69.8 METERS (1)	COUNTRY/STATE USA/Louisiana
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0386-1	g= 979 505.13 mgals
IGB 11823K	
U 718	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Station is located in Kingston, in a clearing south of the general store owned by Mr M. J. Scott, 38 yards southeast of the intersection of State Highways 748 and 145, 64 yards north, 30° east of the northwest corner of the white frame Evergreen Baptist Church, 9 yards west of the southeast corner of general store, and 5 yards south of the south side of store. Station is 4 1/2 yards south, 20°E of a brass disk stamped "GRAVITY KINGSTON 1936" and set in concrete, flush with ground. (1)

In a fenced field east of Hwy Jct 175 and 5, 105 feet southeast of the centerline of Hwy 175, 52 feet southeast of the corner fence post, 7.6' northeast (directly out from) from the 7th fence post from the corner fence post and about 1 inch below the surface of the ground. The station is a USC&GS Gravity Station stamped "Kingston 1936". (2)



REFERENCE SOURCE

(1) 00269 (2) 03405

677

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
32° 21.8' N. (1)	FOREST
LONGITUDE	
89° 27.7' W. (1)	
ELEVATION	**COUNTRY/STATE**
144.1 METERS (1)	USA/Mississippi

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0387-1		g= 979 480.0 mgals	
U 1120			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located in the tourist camp yard south of U. S. Highway 80, on the east edge of the town of Forest. A standard gravity reference mark stamped "FOREST 1941" is set in the top of a concrete post projecting 5 inches above the surface of the ground. It is 82 feet S. 5° E. from center line of U. S. Highway 80 at a point which is 0.7 mile (truck traverse) east from the intersection of this highway with State Highway 35 in town, 52 feet S. 5° E. from fence corner south of highway, 1 foot due east from north-south fence line, 515 feet N. 5° W. from center line of east-west street south of station. Observations were made 132 feet S. 85° E. from the mark. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 0-415

678

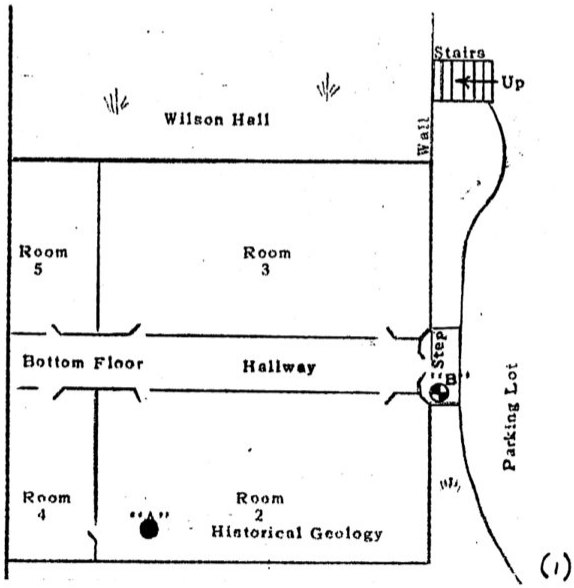
GRAVITY BASE STATION

LATITUDE 38° 38.00' N (1)	STATION DESIGNATION ST. LOUIS
LONGITUDE 90° 18.30' W (1)	
ELEVATION 162.10 METERS (1)	COUNTRY/STATE USA/Missouri

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0388-2		g= 979 997.50 mgals	
IGC 11880B			
WU 44			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is west of St. Louis at Washington University, about 400 meters west of Skinker Blvd., about 120 meters north of Forsyth Blvd., at Wilson Hall, outside the east entrance, below the step, on the concrete walkway, adjacent to the southeast corner of the step. (1)



(1)

REFERENCE SOURCE

(1) 02733

679

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 40.1'N (1)	STATION DESIGNATION BRIDGEPORT
LONGITUDE 103° 05.9'W (1)	
ELEVATION 1117.1 METERS (1)	COUNTRY/STATE USA/Nebraska
REFERENCE CODE NUMBERS: ACIC 0389-1; U 271	ADOPTED GRAVITY VALUE: g= 979 971.4 mgals
	ESTIMATED ACCURACY: ± 0.5 mgals
	DATE: MONTH/YEAR 08/69

DESCRIPTION AND/OR SKETCH

Station is located at northeast corner of a building used as a hardware and furniture store owned by L. B. Wirber (1948). Station is 55.7 feet south and 60.7 feet east of the northeast corner of the building. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 O-415

680

GRAVITY BASE STATION

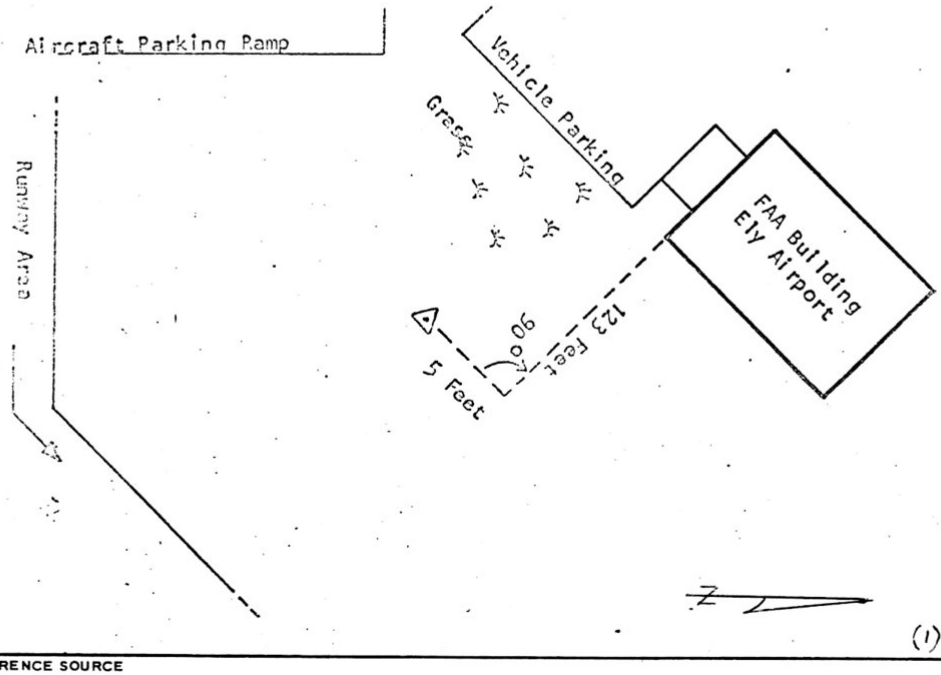
LATITUDE	STATION DESIGNATION
39° 15.00'N (1)	ELY
LONGITUDE	
114° 52.50'W (1)	
ELEVATION	**COUNTRY/STATE**
1905.92 METERS (1)	USA/Nevada

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0390-2	
IGB 12094J	g= 979 493.84 mgals

ESTIMATED ACCURACY	DATE
± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

This station is located at the Ely Airport in the grassy area between the FAA Building and the Ely Airport runway. To reach from Ely, go north on US Highway 93 for 3.4 miles from the intersection of US 6, US 50, and US 93, to the airport access road, turn left, west and proceed 0.4 mile going around the southwest portion of the hangar, airline office, etc. and to the FAA building. The station is 123 feet southeast of the southernmost corner of the FAA building in line with the southeast/northwest building line, then 5 feet southwest of this point. A USC & GS Triangulation Station set in concrete and flush with the ground. (1)



(1)

REFERENCE SOURCE

(1) 03405

681

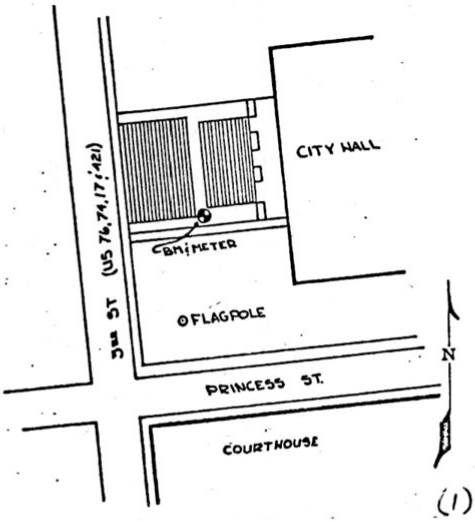
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 34° 14.1'N (1)	STATION DESIGNATION WILMINGTON
LONGITUDE 77° 57.0'W (1)	
ELEVATION 10.16 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 0391-2	ADOPTED GRAVITY VALUE: g= 979 668.80 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is directly 2.5 ft. below the level of BM, at the City Hall (not courthouse) in Wilmington, N. C. along 3rd Street (U. S. Highway 17, 74, 76, 421) and Princess Street, at Main (East) entrance, 50 feet southwest of door, on the 6th step. (1)



REFERENCE SOURCE

(1) 03032

ACIC HQ FORM FEB 69 0-415

682

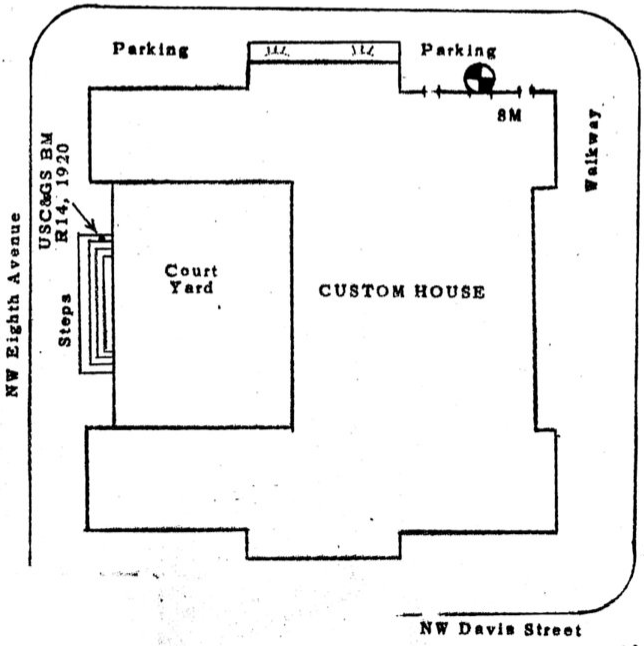
GRAVITY BASE STATION

LATITUDE 45° 31.40' N (1)	STATION DESIGNATION PORTLAND
LONGITUDE 122° 40.70' W (1)	
ELEVATION 9.10 METERS (1)	COUNTRY/STATE USA/Oregon

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0392-2		g= 980 646.35 mgals	
IGC 15752B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in downtown Portland at the Custom House (at the southeast corner of NW Everett St. and NW Broadway), outside the second window west of the northeast corner (about eight meters west of the corner), about 0.6 meter north of the window, in the parking area, on the asphalt. The station is about 30 meters east and 1.52 meters above USC&GS Pendulum Station 229. (1)



(1)

REFERENCE SOURCE

(1) 02733

683

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

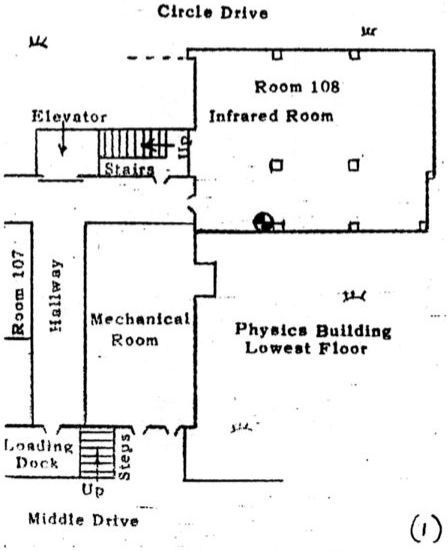
LATITUDE 35° 57.37' N (1)	STATION DESIGNATION KNOXVILLE
LONGITUDE 83° 55.55' W (1)	
ELEVATION 277.00 METERS (1)	COUNTRY/STATE USA/Tennessee

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0394-1		g= 979 713.97 mgals	
IGC 11753A			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Knoxville at the University of Tennessee (south of West Cumberland Ave. and east of 15th St.), at the Physics Building (between Circle Drive and Middle Drive), in the lowest floor, east end, east of the elevators, in Room 108 (Infrared Room), about six meters east of the doors, at the southeast wall of the room, at the westernmost flush pillar (east end of the blackboard), on the floor.

Station is monumented with a National Gravity Base Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

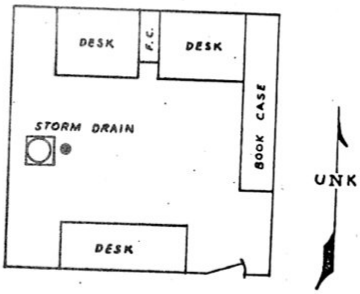
GRAVITY BASE STATION

LATITUDE 47° 16' N (1)	STATION DESIGNATION TACOMA
LONGITUDE 122° 29.5'W (1)	
ELEVATION METERS	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS: ACIC 0396-2	ADOPTED GRAVITY VALUE: g= 980 771.64 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is located at Tacoma, in the Science Building of the University of Puget Sound. Readings were made on the first floor, in Room No. 1, the office of Dr. Danes and Dr. Howes.

The instrument was set up on the floor just in front of the storm drain. (1)



(1)

REFERENCE SOURCE

(1) 02615

685

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 38.4'N (1)	STATION DESIGNATION
LONGITUDE 91° 32.5'W (1)	IOWA CITY
ELEVATION 201.5 METERS (1)	COUNTRY/STATE USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0399-2		g= 980 251.79 mgals	
IA 52			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Iowa City Municipal Airport, 2 miles south of the city of Iowa City; near the east entrance outside the terminal building along the offest north wall between the entrance and the outside telephone booth; marked with a red paint spot. (1)

REFERENCE SOURCE

(1) 03355

686

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 47° 14.2'N (1)	STATION DESIGNATION GRAND RAPIDS
LONGITUDE 93° 31.7'W (1)	
ELEVATION 393.01 (1) METERS	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS ACIC 0401-2	ADOPTED GRAVITY VALUE g= 980 700.51 mgals
	ESTIMATED ACCURACY ± 0.1 mgals
	DATE MONTH/YEAR Jan 1971

DESCRIPTION AND/OR SKETCH

In Grand Rapids, Itasca County, in the southeast corner of the intersection of Pokegama Avenue and Fifth Street North, set vertically in the leveled corner of the city hall, at the southwest corner of the building, 21.5 feet east of the east curb of Pokegama Avenue, 69 feet south of the south curb of Fifth Street. A standard USC & GS disk, stamped "F 299 1948"; gravity station is located on concrete drive 1 foot southwest of BM.

(1)

REFERENCE SOURCE

(1) 03409

687

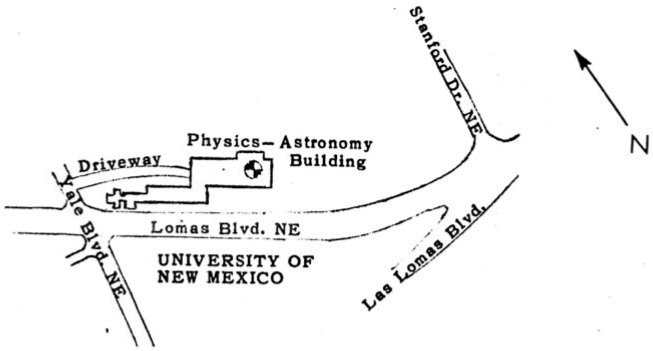
ACIC HQ FORM FEB 59 O-415

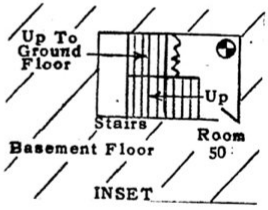
GRAVITY BASE STATION

LATITUDE 35° 05.20'N (1)	STATION DESIGNATION ALBUQUERQUE
LONGITUDE 106° 37.00'W (1)	
ELEVATION 1575.80 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 0404-2; IGB 11956B	ADOPTED GRAVITY VALUE: g= 979 224.41 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Albuquerque at the University of New Mexico, at the northeast corner of Yale Boulevard NE and Lomas Boulevard NE in the Physics-Astronomy Building (800 Yale Boulevard NE, built in 1965), near the northeast corner, on the basement floor, at the bottom of the stairwell that leads up to the ground floor and Room 150, about two meters northeast of the door to Room 50, in the northeast corner of the stairwell. The station is on the tile floor and is monumented with a National Gravity Base Disk. (1)





(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 O-415

688

GRAVITY BASE STATION

LATITUDE 35° 36.7'N (1)	STATION DESIGNATION COLUMBIA
LONGITUDE 87° 02.5'W (1)	
ELEVATION 207 METERS (1)	COUNTRY/STATE USA/Tennessee

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0407-1			
U 14		g= 979 763.2 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.6 mgals	MONTH/YEAR 8/69

DESCRIPTION AND/OR SKETCH

Station is located in the old dormitory building of the high and public school, on the ground floor, in the southwest corner containing the swimming pool and coal room, at the foot of an unused stairway. It is 7.07 meters from the south wall of the room and 0.59 meter east of the brick wall of the swimming pool.

(1)

REFERENCE SOURCE

(1) 00269

689

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 46° 16.9'N (1)	STATION DESIGNATION FERGUS FALLS
LONGITUDE 96° 04.4'W (1)	
ELEVATION 366.65 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 0410-2	ADOPTED GRAVITY VALUE: g= 980 614.73 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Fergus Falls, Otter Tail County, in the east wall of the county courthouse, 24 feet south of the northeast corner, and 15 feet north of the front entrance. A standard USC & GS disk stamped "J 61 1934" and set vertically. Gravity station is located on ground below BM, 1 foot from courthouse wall. (1)

REFERENCE SOURCE

(1) 03409

ACIC HQ FORM FEB 69 O-415

690

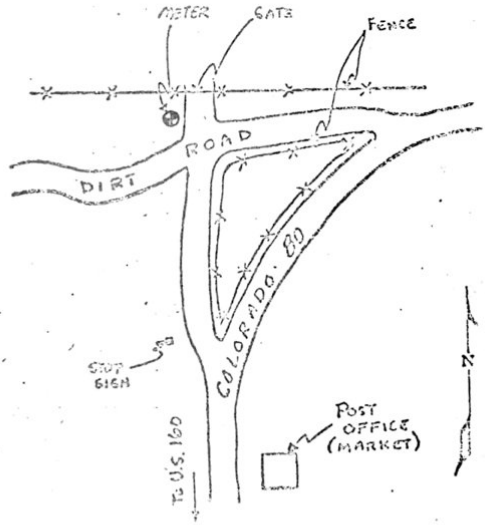
GRAVITY BASE STATION

LATITUDE 37° 55.2'N (1)	STATION DESIGNATION EGNAR
LONGITUDE 108° 56.3'W (1)	
ELEVATION 2245.2 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 0418-1; IGB 11978E	ADOPTED GRAVITY VALUE: g= 979 326.79 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 10/70

DESCRIPTION AND/OR SKETCH

The station is located adjacent to the US General Land Office section corner marker (corner of sections 2, 3, 10 and 11, T. 42 N., R. 19 W.) 0.5 mile north along Colorado State Highway 80 from the US Post Office (and General STore) at Egnar, Colorado. The section corner is located north of the first sharp turn eastward in Colorado Highway 80, at the northwest corner of the intersection of two unpaved roads just southwest of a fence gate across the north-south unpaved road.

The US Coast and Geodetic Survey pendulum station No 1166, Egnar, Colorado (elevation 7,366 feet), established by G. R. Shelton in 1948, was located 42 feet east of the section corner marker. (1)



(1)

REFERENCE SOURCE

(1) 03405

691

ACIC HQ FORM FEB 69 0-415

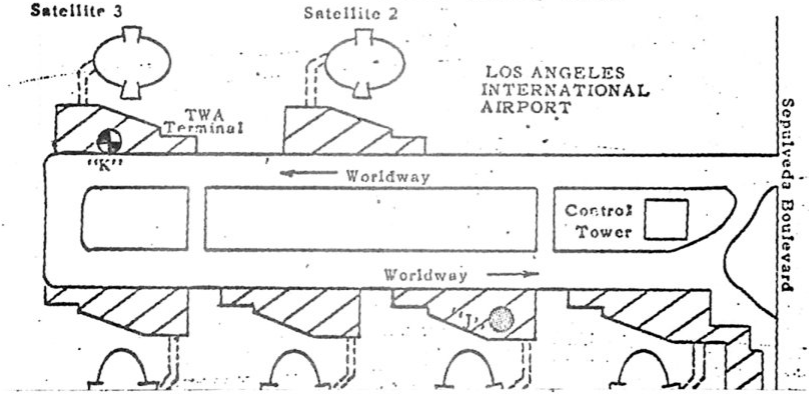
GRAVITY BASE STATION

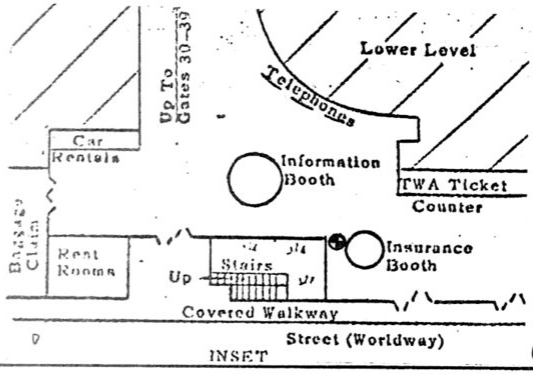
LATITUDE 33° 56.00'N (1)	STATION DESIGNATION LOS ANGELES
LONGITUDE 118° 24.00'W (1)	
ELEVATION 38.00 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 0420-0; IGB 12038K	ADOPTED GRAVITY VALUE: g= 979 596.29 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July 1967

DESCRIPTION AND/OR SKETCH

The station is in southwestern Los Angeles at Los Angeles International Airport, in Terminal 3 (the 1961 TWA Terminal which leads to Satellite 3 and is the northwesternmost Terminal), at the street side, lower level, southwest of the TWA ticket counter, southeast of the information booth, about two meters west of the insurance booth, at the north end of the four meter long north-south wall, on the terrazzo floor.

Station is monumented with a USAF Gravity Disk. (1)





INSET (1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 0-415

692

GRAVITY BASE STATION

LATITUDE: 41° 56.00'N (1)	STATION DESIGNATION: OPAL
LONGITUDE: 110° 16.30'W (1)	
ELEVATION: 2063.5 METERS (1)	COUNTRY/STATE: USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0421-1		g= 979 710.70 mgals	
HUS 1856			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 23N, R 114W, S 36

At the junction of Opal cutoff road leading southward and Highway 89, at the intersection level. (1)

REFERENCE SOURCE

(1) 04099

693

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 44° 22.85' N (1)	STATION DESIGNATION PIERRE
LONGITUDE 100° 17.02' W (1)	
ELEVATION 523.95 METERS (1)	COUNTRY/STATE USA/South Dakota

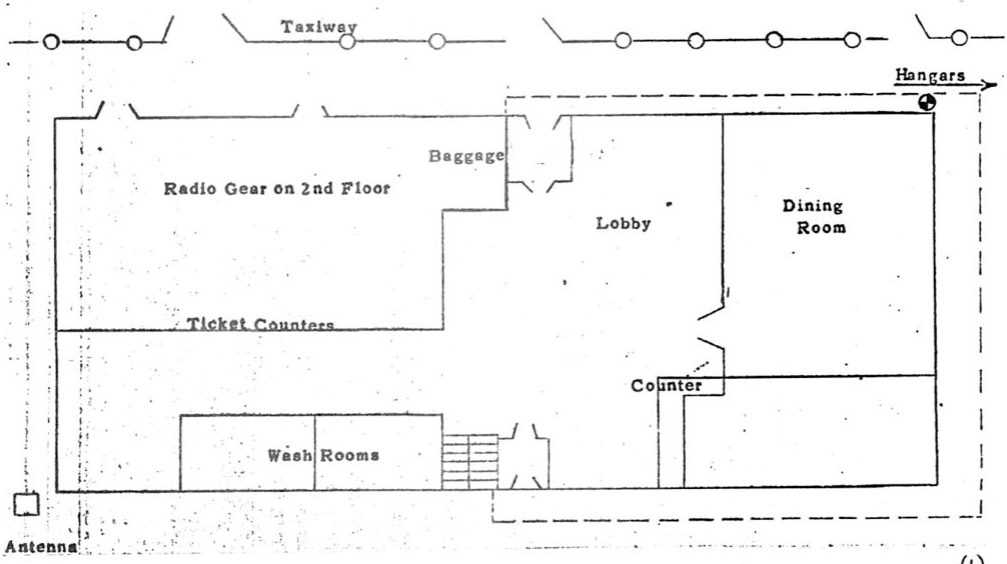
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0422-1		g= 980 418.77 mgals	
IGC 15540J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is at the Pierre, South Dakota, Municipal Airport on the field side of the terminal.

Observations were made outside of the coffee shop, 15 meters southeast of the entrance to the lobby, at the east corner of the building, on the concrete sidewalk, 3 meters southwest of the fence.

The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05112

ACIC HQ FORM FEB 69 O-415

694

GRAVITY BASE STATION

LATITUDE 44° 07.2'N (1)	STATION DESIGNATION EUGENE
LONGITUDE 123° 13.2'W (1)	
ELEVATION 111.3 METERS (1)	COUNTRY/STATE USA/Oregon

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0423-0		g= 980 513.94 mgals	
WA 140			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/72

DESCRIPTION AND/OR SKETCH

The observations were made at the Eugene Airport in Oregon.

The site is located beneath the marquee at the terminal lobby entrance. (1)

REFERENCE SOURCE

(1) 01110

695

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 36° 40.7' N (1)	STATION DESIGNATION GUYMON
LONGITUDE 101° 28.7' W (1)	
ELEVATION 948.8 METERS (1)	COUNTRY/STATE USA/Oklahoma
REFERENCE CODE NUMBERS: ACIC 0425-1; U 100	ADOPTED GRAVITY VALUE: g= 979 573.4 mgals
	ESTIMATED ACCURACY: ± 0.5 mgals
	DATE — MONTH/YEAR: Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at Guymon, in the Summers Building, and in a small inside basement room opening off the northwest corner of the barber shop under the front or east end of the building, on the concrete floor. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 0-415

696

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
41° 39.70'N (1)	OTTAWA HILLS
LONGITUDE	
83° 40.08'W (1)	
ELEVATION	**COUNTRY/STATE**
191.8 METERS (1)	USA/Ohio

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0427-1		g= 980 247.17 mgals	
HUS 1651			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 9S, R 6E, S 35 (N border)

In Ottawa Hills, at the intersection of US Highway 20-23 (Reynolds Road) and Bancroft Street, in the northwest corner of the intersection. (1)

REFERENCE SOURCE

(1) 04099

697

ACIC HQ FORM FEB 69 O-415

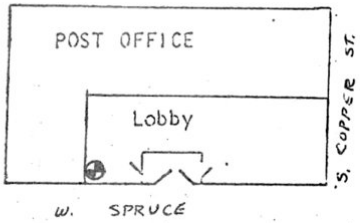
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
32° 16.06'N (1)	DEMING
LONGITUDE	
107° 45.58'W (1)	
ELEVATION	**COUNTRY/STATE**
1323.7 METERS (1)	USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0428-1		g= 979 090.95 mgals	
IGB 11927B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Deming, inside the post office, in the lobby, in the southwest corner, 12 inches from the south wall, 6 inches from the west wall, on the floor. The station is monumented with a standard "USAF Gravity Station" disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

GRAVITY BASE STATION

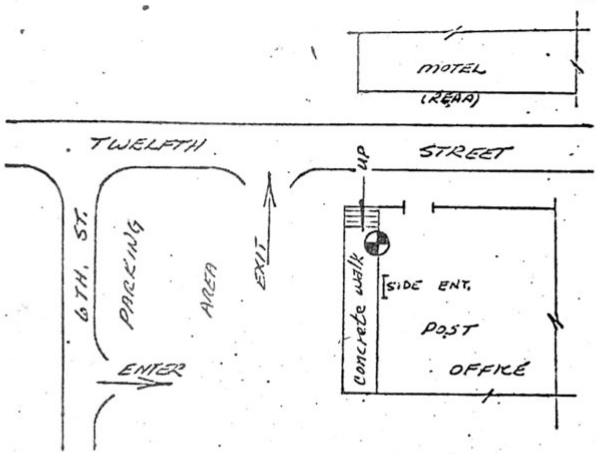
LATITUDE	STATION DESIGNATION
33° 38.7'N (1)	CARRIZOZO
LONGITUDE	
105° 52.3'W (1)	
ELEVATION	**COUNTRY/STATE**
1661.2 METERS (1)	USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0429-2		g= 979 146.41 mgals	
IGB 11935B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Carrizozo, New Mexico; at post office, on concrete surface of northwest corner of building, on walkway leading to rear of building; approximately 3 feet north of station identification sign mounted on west wall.

Station site is located at street intersection of east-west paved street (12th Street) and "T" Street south (6th Street). (1)



(1)

REFERENCE SOURCE

(1) 03390

699

ACIC HQ FORM FEB 69 0-415

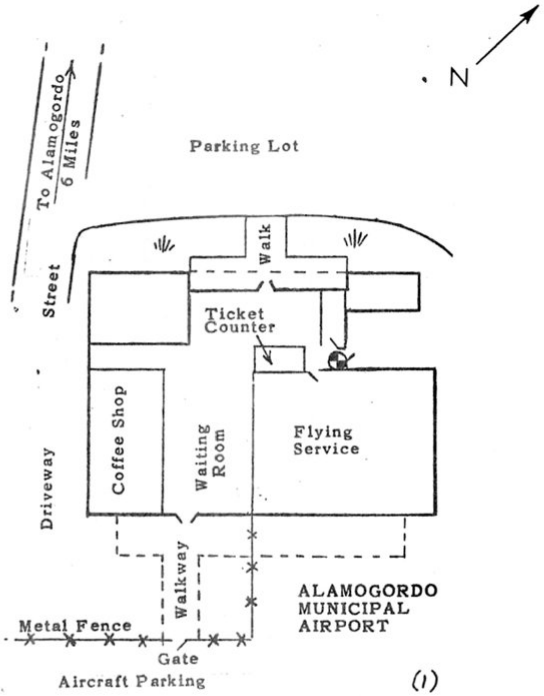
GRAVITY BASE STATION

LATITUDE 32° 51.00' N (1)	STATION DESIGNATION ALAMOGORDO
LONGITUDE 106° 00.00' W (1)	
ELEVATION 1280.00 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 0430-0; IGC 11925J	ADOPTED GRAVITY VALUE: g= 979 130.10 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is about six miles southwest of Alamogordo at the Alamogordo Municipal Airport Terminal (built in 1959), northeast side, east of the street side entrance, about three meters northeast of the ticket counter and the door leading to the Flying Service, at the east corner of the hallway, next to the door leading to the driveway, on the tile floor.

Station is monumented with a USAF Gravity Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 O-415

700

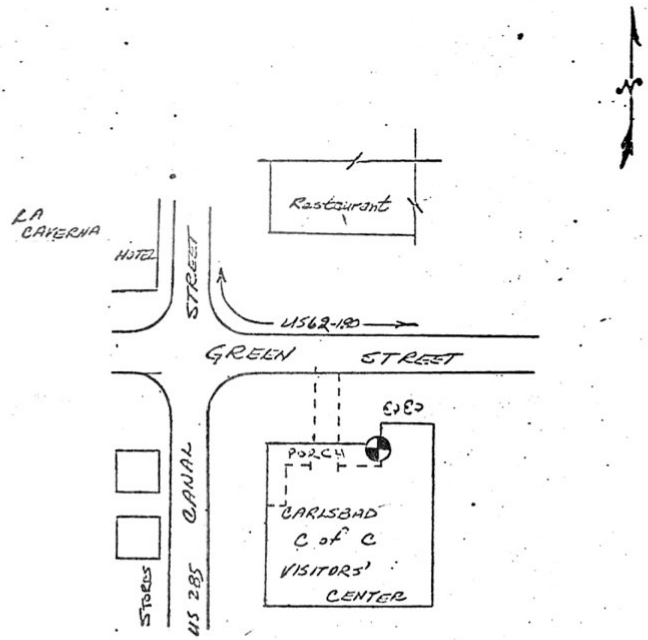
GRAVITY BASE STATION

LATITUDE 32° 25.06'N	STATION DESIGNATION CARLSBAD
LONGITUDE 104° 13.70'W	
ELEVATION 948.5 METERS	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 0431-3; IGB 11924B	ADOPTED GRAVITY VALUE: g= 979 203.12 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Carlsbad, New Mexico, at Carlsbad Chamber of Commerce Visitors Center, on concrete surface of walkway, approximately 15 feet east of north (main) entrance to building, in corner under porch.

Station site is located in southeast quadrant of north-south and east-west street intersection; in center area of city. (1)



(1)

REFERENCE SOURCE

(1) 03390

701

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 21.28'N (1)	STATION DESIGNATION SHERWOOD
LONGITUDE 84° 33.25'W (1)	
ELEVATION 219.8 METERS (1)	COUNTRY/STATE USA/Ohio

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0434-1		g= 980 228.88 mgals	
HUS 1646			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 5N, R 3E, S 29 (SW quarter)

Along US Highway 127, about 4.5 miles north of Sherwood, about 8.4 miles south of Bryan, at the intersection of US Highway 127 (north-south) and Blosser Road (east-west) in the northeast corner of the intersection. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

702

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
39° 10.03'N (1)	CINCINNATI
LONGITUDE	
84° 32.00'W (1)	
ELEVATION	**COUNTRY/STATE**
160.0 METERS (1)	USA/Ohio

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0435-1			
HUS 1631		g= 980 022.18 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

F R2; T3, Cumminsville area of Cincinnati (S 22 W area)

In the city of Cincinnati, about 1 block south of Parker Woods, at the intersection of roads: 1 block west of Spring Grove Cemetary, 1 block north of Pullman Avenue, about 0.5 mile east of Hamilton Avenue about 0.3 mile north of Baltimore and Ohio railroad tracks, at BM "525". (1)

REFERENCE SOURCE

(1) 04099

703

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 39° 56.75'N (1)	STATION DESIGNATION CASTINE
LONGITUDE 84° 37.90'W (1)	
ELEVATION 330.1 METERS (1)	COUNTRY/STATE USA/Ohio

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0436-1		g= 980 063.78 mgals	
HUS 1636			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 10N, R 2E, S 23 (SW quarter)

Along US Highway 127, about 1.0 mile north of Castine, about 3.0 miles north of West Manchester, at the intersection of highway and Ithaca Road, in the northeast corner of the intersection.

(1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

704

GRAVITY BASE STATION

LATITUDE 43° 30.50'N (1)	STATION DESIGNATION BRIDGEWATER
LONGITUDE 71° 44.40'W (1)	
ELEVATION 180.1 METERS (1)	COUNTRY/STATE USA/New Hampshire

REFERENCE CODE NUMBERS	
ACIC 0437-1	
HUS 1376	

ADOPTED GRAVITY VALUE	
g= 980 441.23 mgals	
ESTIMATED ACCURACY	DATE
± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

On the eastern shore of Newfound Lake, North, about 100 feet west of Highway 3A, about 3.0 miles southeast of East Hebron, about 1.5 miles north of Bridgewater, at BM: "591". (1)

REFERENCE SOURCE

(1) 04099

705

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 41° 07.90'N (1)	STATION DESIGNATION NORTH CASTLE
LONGITUDE 73° 41.08'W (1)	
ELEVATION 183.5 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 0438-1; HUS 1354	ADOPTED GRAVITY VALUE: g= 980 266.85 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: 9/70

DESCRIPTION AND/OR SKETCH

North Castle area. Along State Highway 22 (Old Post Road), in the northeast corner of the intersection of the highway and Banksville Road. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

706

GRAVITY BASE STATION

LATITUDE 36° 25.9' N (1)	STATION DESIGNATION HELENWOOD
LONGITUDE 84° 32.6' W (1)	
ELEVATION 422.0 METERS (1)	COUNTRY/STATE USA/Tennessee

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0439-1		g = 979 782.1 mgals	
U 101			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at Helenwood, exactly opposite the railroad station, in the observatory pendulum room on the premises of Mr. Duncan, 40 feet south of Mr. Duncan's north fence line, 16 feet west of his east fence line and about 400 feet east of the railroad station, on a pier of concrete building blocks. (1)

REFERENCE SOURCE

(1) 00269

707

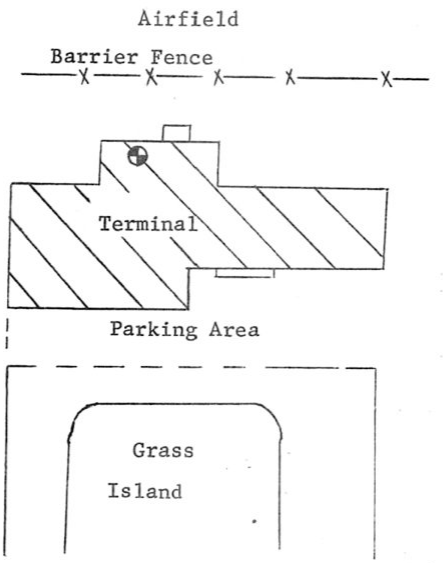
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 48° 18.50' N (1)	STATION DESIGNATION KALISPELL
LONGITUDE 114° 15.00' W (1)	
ELEVATION 905.6 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0441-0	g= 980 581.09 mgals
IGC 15684 J	
WA 32	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at the Flathead Airport, six miles north of Kalispell, Mont., on the west side of St.Hwy. #206, inside the airport lobby, on the floor, at the west side of the entrance to the apron and loading area. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 0-415

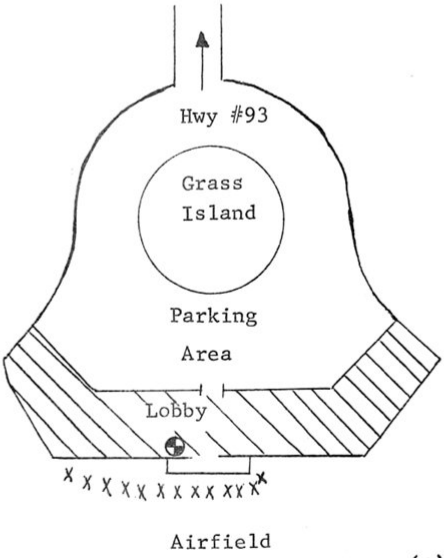
708.

GRAVITY BASE STATION

LATITUDE 46° 55.00' N (1)	STATION DESIGNATION MISSOULA
LONGITUDE 114° 06.50' W (1)	
ELEVATION 976.3 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 0442-0; IGC 15664J; WA 127	ADOPTED GRAVITY VALUE: g = 980 443.15 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at the Missoula Airport, inside the lobby, on the tile floor, one foot west of the exit to the apron and aircraft. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

709

ACIC HQ FORM FEB 69 0-415

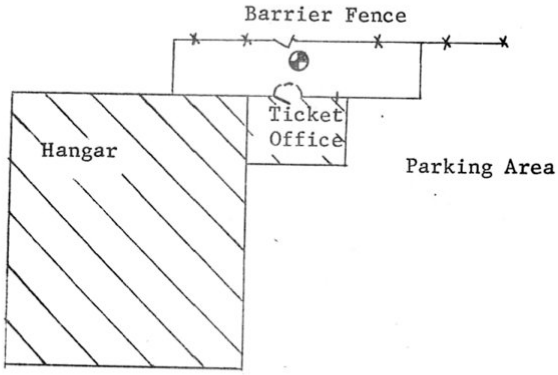
GRAVITY BASE STATION

LATITUDE 45° 57.50' N (1)	STATION DESIGNATION BUTTE
LONGITUDE 112° 29.50' W (1)	
ELEVATION 1692.9 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0443-0		g = 980 173.58 mgals	
IGC 15652J			
WA 123			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at the Butte Airport, at the old Western Airline building, in front of the waiting room, one foot east of the barrier gate, on the concrete, inside the passenger waiting area, next to the chain link fence. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 0-415

710

GRAVITY BASE STATION

LATITUDE 42° 52.15'N (1)	STATION DESIGNATION POCATELLO
LONGITUDE 112° 27.10'W (1)	
ELEVATION 1497.8 METERS (1)	COUNTRY/STATE USA/Idaho

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0444-1		g= 980 022.97 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

On USC & GS benchmark designated P 81. At Pocatello, Idaho at the north corner of West Lewis and South Arthur Streets, at the post office, in the top of the north corner of the loading platform, and 4 feet northwest of the steps for the platform. (Taken from Page 1, USC & GS level line 41 Idaho 45 Utah, February 1959). (1)

REFERENCE SOURCE

(1) 02275

711

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
LONGITUDE	YUMA
ELEVATION METERS	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 0446-1	ADOPTED GRAVITY VALUE: g= 979 522.66 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Oct/1968

DESCRIPTION AND/OR SKETCH

Station is located at benchmark, 1.2 miles north along the Army railroad from the main gate at Yuma County Airport, Arizona, at an irrigation-canal culvert, in the center of the top of the northwest headwall, 8 feet northeast of the southwest end, 0.7 foot southeast of the northwest edge, and 16 feet west of the west rail. Station is marked by a standard disk, stamped "R 257 1945". (1)

REFERENCE SOURCE

(1) 02656

ACIC HQ FORM FEB 69 O-415

712

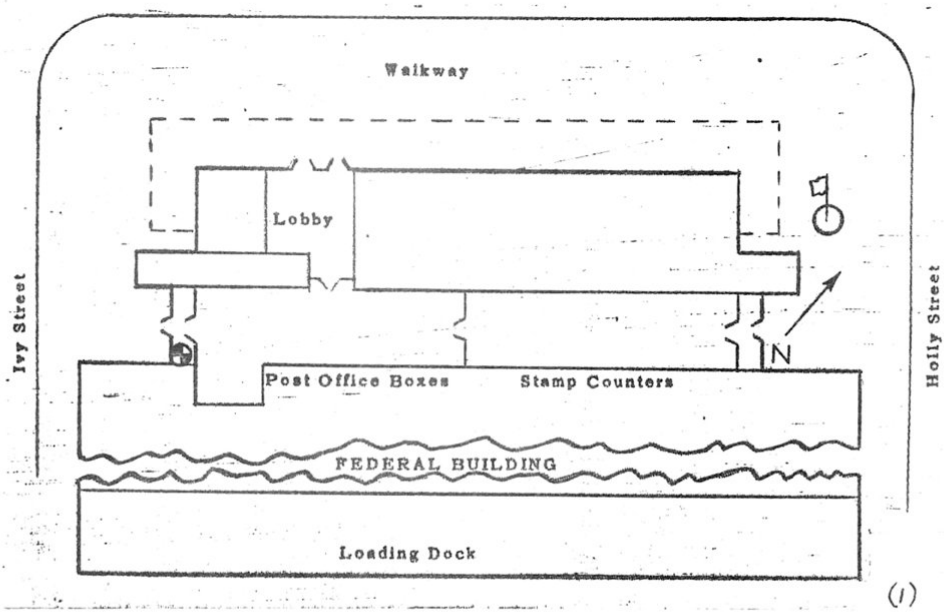
GRAVITY BASE STATION

LATITUDE 42° 19.60' N (1)	STATION DESIGNATION MEDFORD
LONGITUDE 122° 52.50' W (1)	
ELEVATION 417.70 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 0448-1; IGC 15722B	ADOPTED GRAVITY VALUE: g= 980 227.72 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in downtown Medford, on 8th St. West between Holly St. and Ivy St., at the (1965) Federal Building, at the southwest (Ivy St) entrance to the P. O. Box Room, in the vestibule at the south corner, on the terrazzo floor.

Station is monumented with a U. S. National Gravity Base Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

713

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 27° 49.2' N (1)	STATION DESIGNATION CORPUS CHRISTI
LONGITUDE 97° 23.3' W (1)	
ELEVATION 1.2 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0450-1		g= 979 147.7 mgals	
U 727			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located about 1½ miles east-northeast of business district of the city of Corpus Christi. It is between the San Antonio & Aransas Pass Railroad and Corpus Christi Bay, 62 paces southeast of the railroad, 124 paces northwest of the hightide line of the bay, and about 0.7 mile northeast of two bridges over an inlet. The mark is located in the Harris House Car Camp on property owned by Mrs. Maggie Adams of Richmond, one foot northeast of the southwest property line of Mrs. Adams' property. Street address of the Camp is 3314 Hamilton Road. Point occupied was 6 feet northeast of the mark. Description of property: South side of Lot 86, Block 1, Corpus Christi Hotel Addition. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 0-415

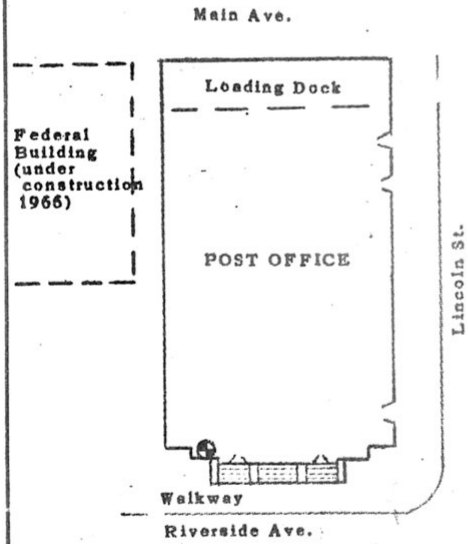
GRAVITY BASE STATION

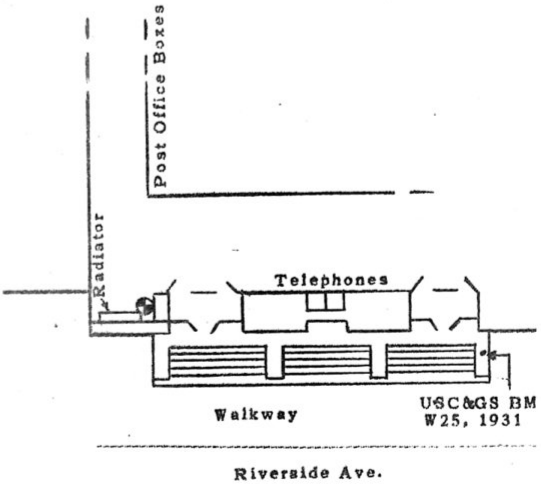
LATITUDE 47° 39.5'N (1)	STATION DESIGNATION SPOKANE
LONGITUDE 117° 22.00'W (1)	
ELEVATION METERS	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS: ACTC 0451-2; IGB 15677B	ADOPTED GRAVITY VALUE: g= 980 673.39 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in downtown Spokane at the Post Office (at the northwest corner of Riverside Ave. and Lincoln St.), inside the main (Riverside Ave.) entrance, about one meter west of the westernmost doors, at the southeast corner of the alcove, adjacent to the east end of the radiator and under the end of the desk.

Station is monumented with a National Gravity Base Disk. (1)





(1) INSET

REFERENCE SOURCE

(1) 02733

715

ACIC HQ FORM FEB 69 0-415

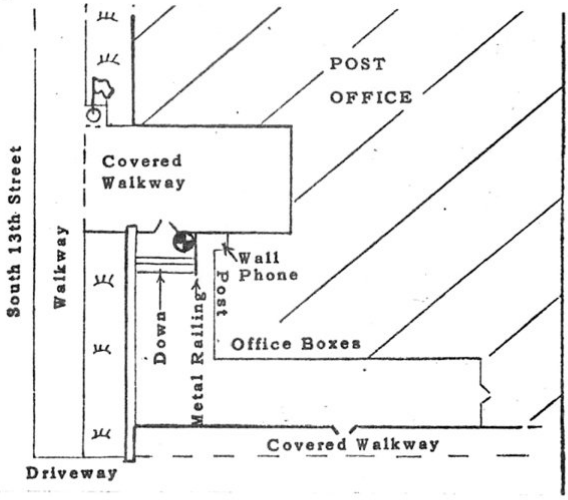
GRAVITY BASE STATION

LATITUDE 43° 36.70' N (1)	STATION DESIGNATION BOISE
LONGITUDE 116° 12.70' W (1)	
ELEVATION 814.00 METERS (1)	COUNTRY/STATE USA/Idaho
REFERENCE CODE NUMBERS: ACIC 0452-1; IGC 15636B	ADOPTED GRAVITY VALUE: g= 980 217.36 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Boise at the new Post Office (770 South 13th Street), at the 13th Street entrance (near the west corner of the building), inside the entrance, on the small landing at the foot of two stairs, in the east corner (nearest the wall telephone), below the railing, on the terrazzo floor.

Station is monumented with a National Gravity Base disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 O-415

716

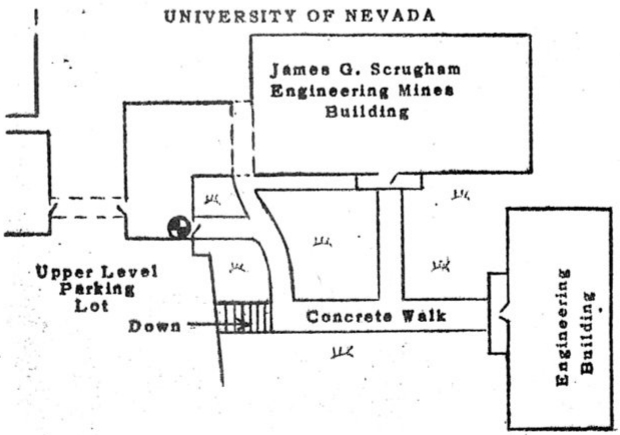
GRAVITY BASE STATION

LATITUDE 39° 32.30' N (1)	STATION DESIGNATION RENO
LONGITUDE 119° 48.70' W (1)	
ELEVATION 1386.00 METERS (1)	COUNTRY/STATE USA/Nevada
REFERENCE CODE NUMBERS: ACIC 0454-1; IGC 12099B	ADOPTED GRAVITY VALUE: g= 979 688.40 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in North Reno on the University of Nevada campus, at the James G. Scrugham Engineering Mines Building, in the west wing, at the southeast corner entrance (this entrance is about twenty meters northwest of the stairs leading down from the upper level parking lot), inside and one meter south of the door, at the corner in the wall under the stairway, on the concrete floor.

Station is monumented with a National Gravity Base Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

717

ACIC HQ FORM FEB 69 0-415

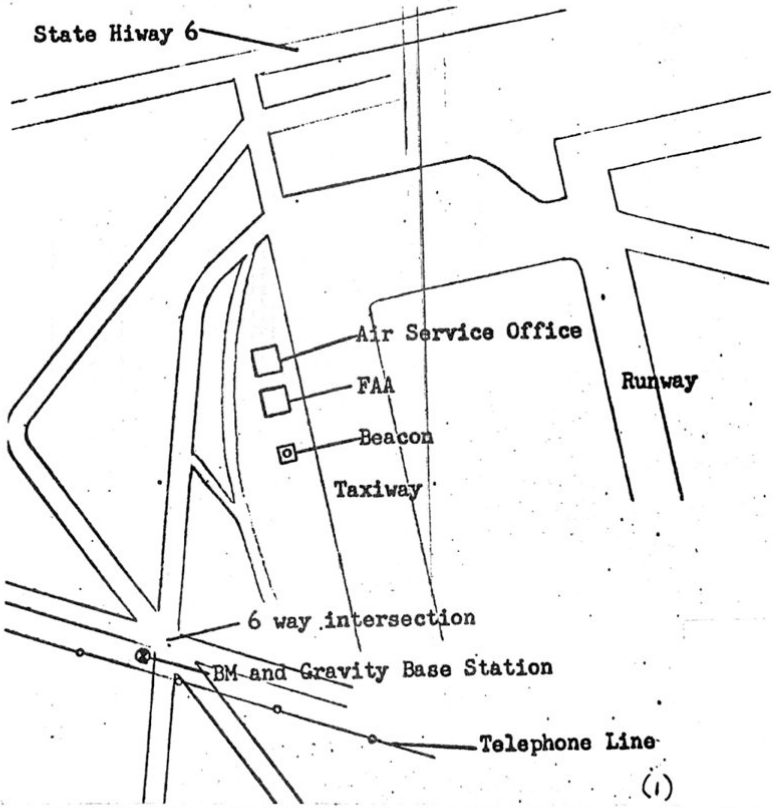
GRAVITY BASE STATION

LATITUDE 38° 03.70' N (1)	STATION DESIGNATION TONAPAH
LONGITUDE 117° 05.95' W (1)	
ELEVATION 1650 METERS (1)	COUNTRY/STATE USA/Nevada

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0455-1		g = 979 476.15 mgals	
IGB 12087J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is at the Nye County Airport, 8 miles east of Tonapah, at a 6-way intersection (taxiway, Midway St. and B St.) 1/4 mile southwest of FAA office, in the southwest angle at the intersection, 1.0 meters west of a telephone pole, 8.0 meters southwest of centerline of Midway St., 35 meters northwest of intersection. Site is monumented with a "USAF Gravity Station" disc. (1)



REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

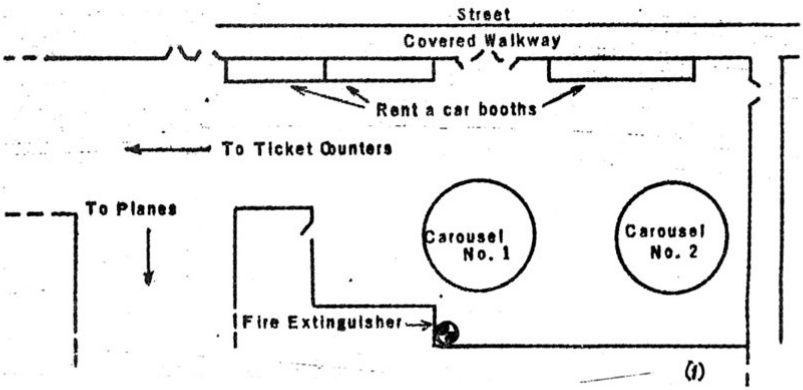
LATITUDE 33° 26.00'N (1)	STATION DESIGNATION PHOENIX
LONGITUDE 112° 01.00'W (1)	
ELEVATION 342.00 METERS (1)	COUNTRY/STATE USA/Arizona

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0456-0		g = 979 490.59 mgals	
IGB 12032J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in southeast Phoenix at the Sky Harbor Municipal Airport, in the East Terminal (built in 1962), in the baggage claim area (northeast part of terminal), in the corner directly south of baggage carousel #1, below and 0.6 meters south of a wall mounted fire extinguisher, on the terrazzo floor.

Station is monumented with a USAF Gravity Disk. (1)



REFERENCE SOURCE

(1) 02733

719

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 31° 28.0'N (1)	STATION DESIGNATION DOUGLAS
LONGITUDE 109° 36.2'W (1)	
ELEVATION 1267.36 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS ACIC 0457-0 WA 194	ADOPTED GRAVITY VALUE g= 979 056.74 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals DATE: MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

Station is at the Bisbee-Douglas Airport, on edge of concrete walk, 10 ft south of traffic control box and 4 ft west of 20-ft flagpole.

REFERENCE SOURCE

(1) 00916

ACIC HQ FORM FEB 69 O-415

720

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
46° 05.4' N (1)	IRON RIVER
LONGITUDE	
88° 38.4' W (1)	
ELEVATION	COUNTRY/STATE
460.9 METERS (1)	USA/Michigan

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 0459-0	g= 980 632.3 mgals	
U 57		
	ESTIMATED ACCURACY	DATE
	± 0.6 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

Station is located on the playgrounds of Central School (formerly high school) on Cayuga St. between Second and Third Sts., 111 ft. due west (mag.) of the west curbing of Second St., 126 ft. due east (mag.) of the center of the brick stack at the boiler room, 48 ft. due north (mag.) from the north side of the school, 124 ft. N. 55° W. from the northeast corner of the school and 123 ft. N. 60° W. of the mark. The mark is a standard gravity reference mark stamped "IRON RIVER 1940" and set flush in the concrete sidewalk along the east side of the school, 5 ft. due south (mag.) of the north end of the walk. (1)

REFERENCE SOURCE

(1) 00269

721

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 36° 07.73'N (1)	STATION DESIGNATION SAN LUCAS
LONGITUDE 121° 01.12'W (1)	
ELEVATION 123.7 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 0460-0; C 358	ADOPTED GRAVITY VALUE: g = 979 792.39 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at San Lucas Railroad Station, 170 feet southeast of the railroad station, 120 feet north of the railroad crossing of State Highway 198, 34 feet northeast of track and in line with a row of telephone poles, on ground beside USC&GS G-154 disc and at about same elevation. (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 O-415

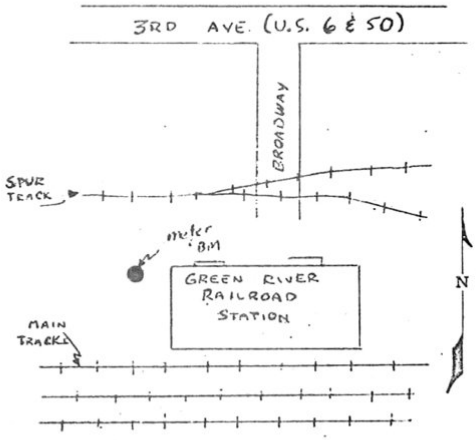
722

GRAVITY BASE STATION

LATITUDE 38° 59.5'N (1)	STATION DESIGNATION GREEN RIVER
LONGITUDE 110° 09.8'W (1)	
ELEVATION 1243.4 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 0463-2	ADOPTED GRAVITY VALUE: g= 979 636.85 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USGS benchmark "C11 1921", which is set in the top of a concrete post adjacent to the Green River Station of the Denver and Rio Grande Western Railroad in Green River, Utah. The concrete post, 0.2 foot above the ground, is located in the northeast corner of a grass plot west of the station, about four feet from the northwest corner of the building. (1)



(1)

REFERENCE SOURCE

(1) 03685

723

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 27° 45.1' N (1)	STATION DESIGNATION ALICE
LONGITUDE 98° 03.9' W (1)	
ELEVATION 59.7 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0464-1		g = 979 110.4 mgals	
U 726			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located in east edge of Alice, 0.38 miles east of the concrete municipal water tank, on State Highway 128 (East Main Street), at the Wonderland Service Station and Tourist Camp, 62 feet N. 25° W. of the center line of the highway, 40 feet S. 70° W. of center line of Texas Avenue, 70 feet N. 80° W. of the northwest corner of a concrete culvert in highway, 50 feet east of the east side of service station, and 15 feet south of a concrete monument bearing a brass disk stamped "GRAVITY ALICE 1936". (1)

REFERENCE SOURCE

(1) 00269

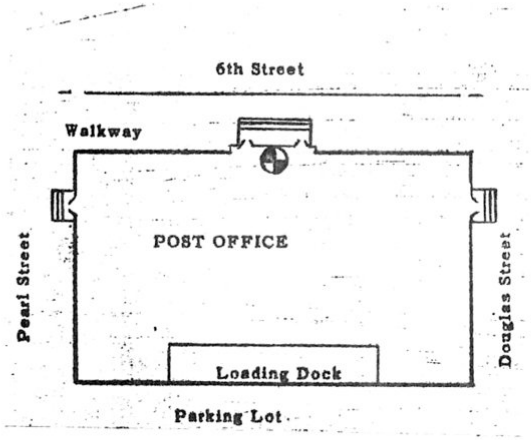
GRAVITY BASE STATION

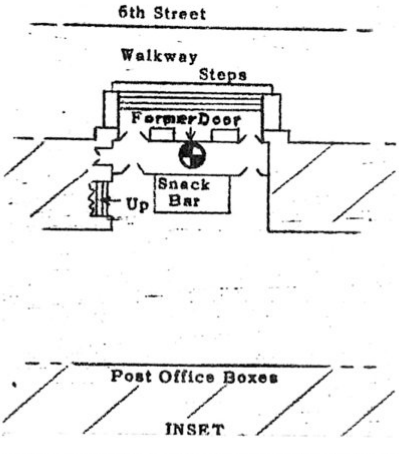
LATITUDE 42° 29.40' N (1)	STATION DESIGNATION SIOUX CITY
LONGITUDE 96° 23.00' W (1)	
ELEVATION 341.00 METERS (1)	COUNTRY/STATE USA/Iowa
REFERENCE CODE NUMBERS: ACIC 0466-1; IGC 15426B	ADOPTED GRAVITY VALUE: g= 980 308.69 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Sioux City on Sixth St. between Pearl St. and Douglas St., at the 1932 Post Office (320 Sixth St.), at the Sixth St. (main) entrance, in the vestibule, at the outer wall, midway between the two entrances, below a window (formerly a door), on the tile floor.

Station is monumented with a National Gravity Base Disk. (1)





(1)

REFERENCE SOURCE

(1) 02733

725

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 45° 27.20' N (1)	STATION DESIGNATION ABERDEEN
LONGITUDE 98° 25.52' W (1)	
ELEVATION 396.20 METERS (1)	COUNTRY/STATE USA/South Dakota

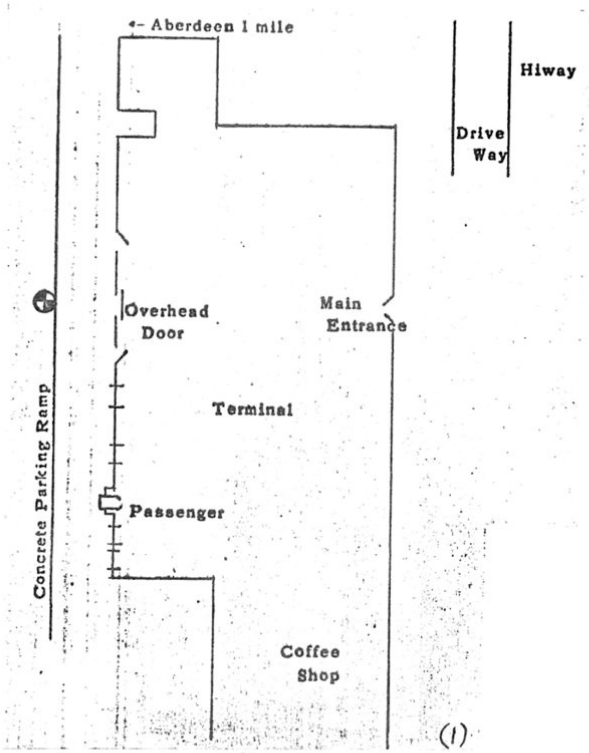
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0467-0		g= 980 542.88 mgals	
IGC 15458J			
WA 59			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is east of Aberdeen, South Dakota, at the airport terminal.

Observations were made on the field (west) side of the terminal, on the center of a concrete ramp, even with the south edge of the overhead door and one foot east of the parking ramp.

The station is not monumented. (1)



REFERENCE SOURCE

(1) 05112

ACIC HQ FORM FEB 69 0-415

726

GRAVITY BASE STATION

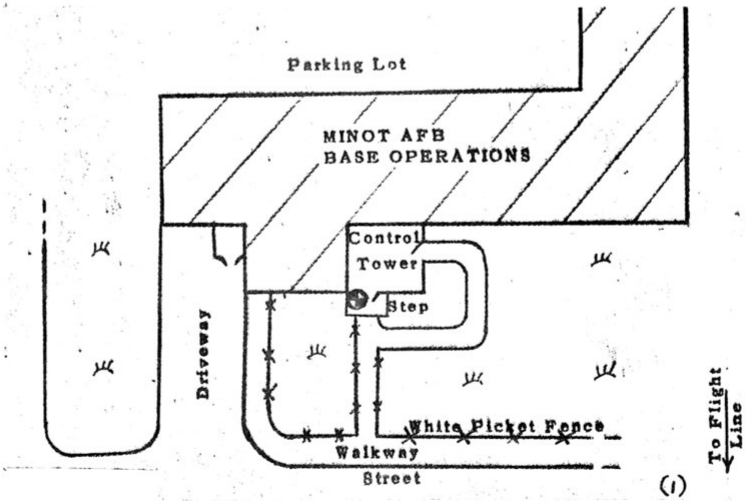
LATITUDE 48° 25.00' N (1)	STATION DESIGNATION MINOT AFB
LONGITUDE 101° 21.00' W (1)	
ELEVATION 508.40 METERS (1)	COUNTRY/STATE USA/North Dakota

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 0468-0	g = 980 796.48 mgals	
IGC 15581J		
	ESTIMATED ACCURACY	DATE
	± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is about twelve miles north of Minot at Minot AFB, Base Operations (building 746), at the field (south) side, at the base of the controltower, on the west side of the concrete step.

The station is monumented with a U. S. National Gravity Base Disk. (1)



REFERENCE SOURCE

(1) 02733

727

ACIC HQ FORM FEB 69 0-415

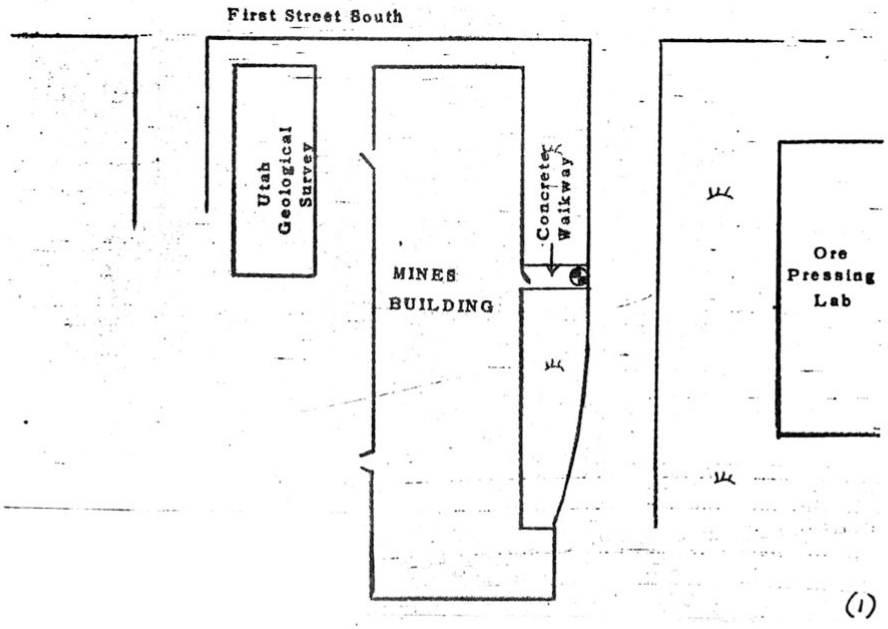
GRAVITY BASE STATION

LATITUDE 40° 45.70'N (1)	STATION DESIGNATION
LONGITUDE 111° 58.30'W (1)	SALT LAKE CITY
ELEVATION 1287.00 METERS (1)	COUNTRY/STATE USA/Utah

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0471-4		g= 979 784.38 mgals	
IGB 15601N			
IU 28			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in northeastern Salt Lake City at the University of Utah, near the intersection of Wolcott St. and First St. South, at the Mines Building, on the east side near the small entrance, across the street from the Ore Pressing Lab, at the street end of the walk, on the concrete. (1)



REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 O-415

728

GRAVITY BASE STATION

LATITUDE 40° 35.18'N (1)	STATION DESIGNATION REDDING
LONGITUDE 122° 23.42'W (1)	
ELEVATION 169.5 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 0473-1; C 35	ADOPTED GRAVITY VALUE: g= 980 132.85 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: Dec/1968

DESCRIPTION AND/OR SKETCH

At the City Hall in Redding at the intersection of Market and Shasta Streets, at the southeast corner of the alcove facing Market Street, on the floor of a telephone booth, on disc (USC&GS I-15). (1)

REFERENCE SOURCE

(1) 02665

729

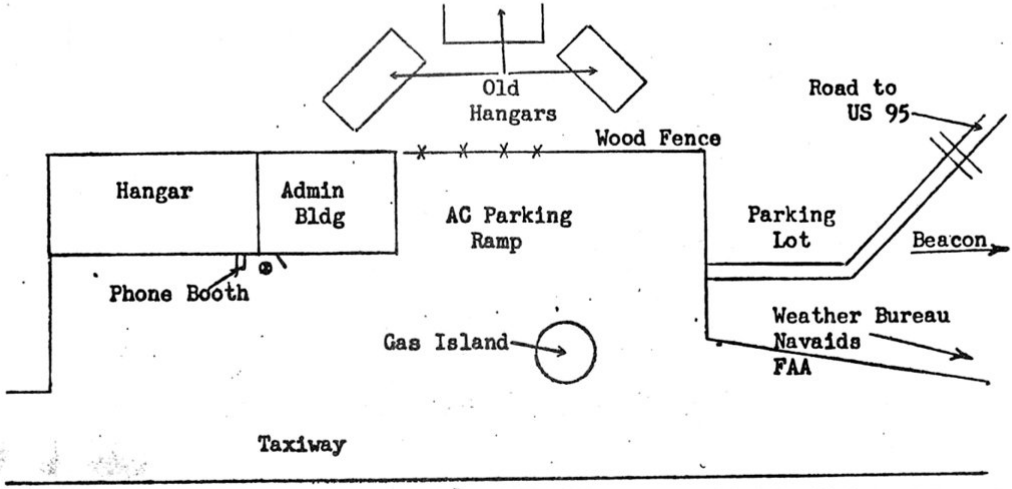
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 54.23' N (1)	STATION DESIGNATION WINNEMUCCA
LONGITUDE 117° 48.21' W (1)	
ELEVATION 1310 METERS (1)	COUNTRY/STATE USA/Nevada
REFERENCE CODE NUMBERS: ACIC 0474-1; IGB 15607J	ADOPTED GRAVITY VALUE: g = 979 824.29 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

The station is at the Winnemucca Municipal Airport, (4 miles west of town), at south wall of Air Service building on concrete sidewalk, 1.0 meter east of phone booth, 1.0 meter west of door against the wall. Site is monumented with a "USAF Gravity Station" disc. (1)



(1)

REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

ACIC HQ FORM FEB 69 O-415

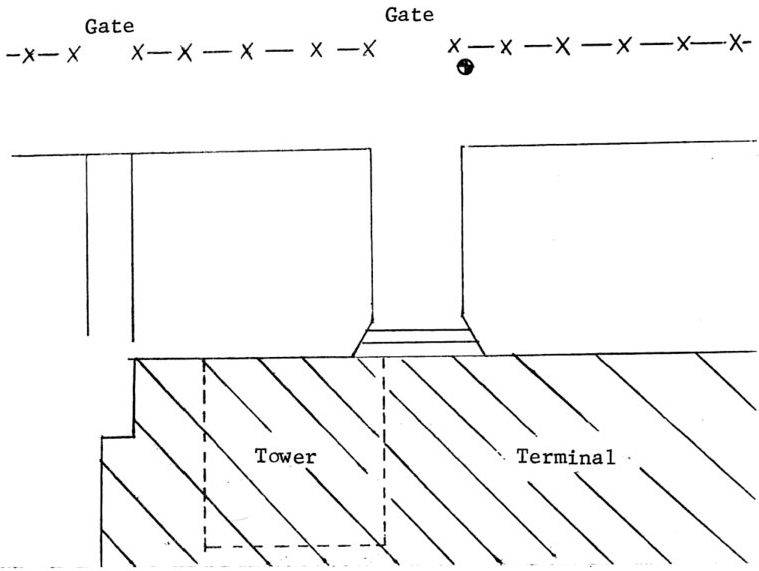
730

GRAVITY BASE STATION

LATITUDE 46° 36.5' N (1)	STATION DESIGNATION HELENA
LONGITUDE 111° 59.5' W (1)	
ELEVATION 1180.5 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0475-0 IGC 15661J WA 31	g = 980 377.20 mgals
	ESTIMATED ACCURACY ± 0.1 mgals / DATE MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at Helena, Mont., Municipal Airport, at the gate of the barrier, on the ramp side of the terminal building, opposite the terminal exit to planes, on the asphalt. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

731

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 37° 42' N (2)	STATION DESIGNATION GOLDFIELD
LONGITUDE 117° 14' W	
ELEVATION METERS	COUNTRY/STATE USA/Nevada
REFERENCE CODE NUMBERS: ACIC 0476-1	ADOPTED GRAVITY VALUE: g = 979 459.04 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at Goldfield, Esmeralda Co., Nevada, 0.1 mile north of the county courthouse, on the grounds of the abandoned Goldfield High School, 35 feet west of the center line of a graveled street, 32 feet south of the center line of a graveled street, 29.8 feet northeast of the northeast corner of the building, 14 feet southwest of a telephone pole, flush with the ground, and set in the top of a concrete post, marked with a bronze triangulation-station disk stamped "GOLDFIELD 1950." (1)

REFERENCE SOURCE

(1) 02660 (2) 00269

GRAVITY BASE STATION

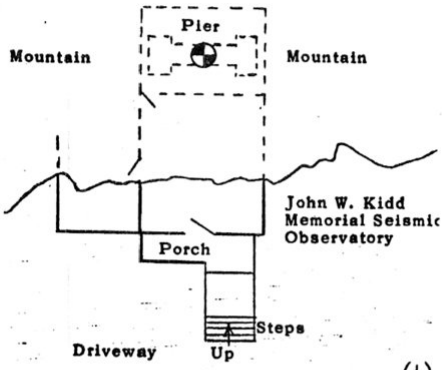
LATITUDE	STATION DESIGNATION
31° 46.30' N (1)	EL PASO
LONGITUDE	
106° 30.35' W (1)	
ELEVATION	**COUNTRY/STATE**
1186.00 METERS (1)	USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0479-1		g= 979 121.31 mgals	
IGC 11916A			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in western El Paso at Texas Western College, in the northern part of the campus, southeast of the Sun Bowl, in the John W. Kidd Memorial Seismic Observatory (built in 1959), in the northern room (beneath the mountain), on the one meter high, two meter long concrete seismic pier.

Station is monumented with a National Gravity Base Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

733

ACIC HQ FORM FEB 69 0-415

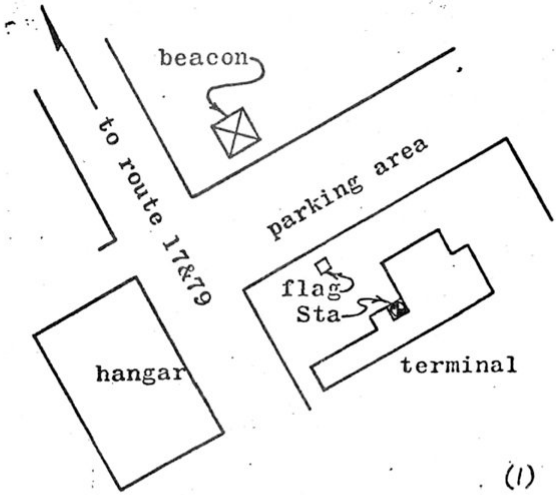
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
35° 08.2'N (1)	
LONGITUDE	
111° 40.6'W (1)	FLAGSTAFF
ELEVATION	COUNTRY/STATE
2136.7 METERS (1)	USA/Arizona

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0480-1			
NA 195		g= 979 142.05 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at Flagstaff airport terminal entrance, on step at E wall. (1)



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 46° 56.25'N (1)	STATION DESIGNATION COLFAX
LONGITUDE 117° 19.93'W (1)	
ELEVATION 712.6 METERS (1)	COUNTRY/STATE USA/Washington

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0482-1		g= 980 557.40 mgals	
HUS 155			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 17N, R 43E, S 25

Approximately 3.0 miles north of Colfax along US Highway 195, centerline of a blacktop road (leading east to Albion) intersection. Station is on south side of highway from BM (4 feet lower); no indication on map that this is a USGS BM. BM elevation: 2334 feet

(1)

REFERENCE SOURCE

(1) 04099

735

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 48° 41.88'N (1)	STATION DESIGNATION METALINE
LONGITUDE 117° 24.60'W (1)	
ELEVATION 639.2 METERS (1)	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS: ACIC 0483-1; HUS 168	ADOPTED GRAVITY VALUE: g= 980 712.53 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals; DATE: MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 37N, R 43E, S 19-20 border

7.5 miles south of Metaline, on the west side of State Highway 31 (#6), 25 feet north of railroad crossing, on a dirt road intersection, stamping: "R 46 1930", elevation: 2097.840 feet. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 44° 20.95'N (1)	STATION DESIGNATION MARSHFIELD
LONGITUDE 72° 21.25'W (1)	
ELEVATION 245.7 METERS (1)	COUNTRY/STATE USA/Vermont

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0495-1		g= 980 474.94 mgals	
HUS 1381			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

In the southwest part of Marshfield, at a "T" intersection of side roads, about 0.1 mile south of US Highway 2, at the south end of bridge over the Winoski River, at BM: "806". (1)

REFERENCE SOURCE

(1) 04099

737

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

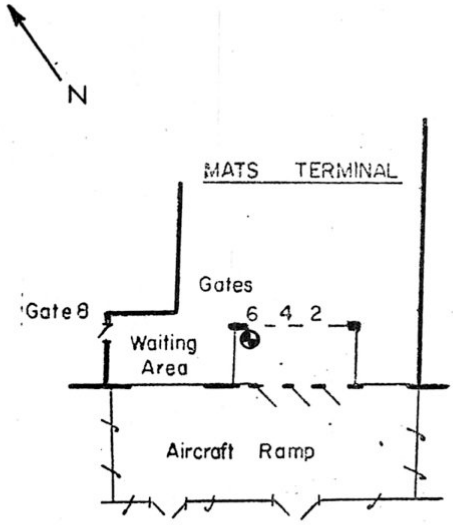
LATITUDE	STATION DESIGNATION
40° 01.6' N (1)	McGUIRE AFB
LONGITUDE	
74° 35.8' W (1)	
ELEVATION	COUNTRY/STATE
36.6 METERS (1)	USA/New Jersey

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0499-0		g= 980 212.09 (2) mgals	
IGC 15204J			
WA 42			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Feb/1968

DESCRIPTION AND/OR SKETCH

Observations were made at McGuire AFB, New Jersey at the MATS Passenger Terminal.

The site is located in the main passenger lounge, on the tile floor, at the southwest (field) side of the lounge, in the doorway leading to the aircraft, under sign reading "Gate 6". (1)



(1)

REFERENCE SOURCE

(1) 01452

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 34° 03.8'N (1)	STATION DESIGNATION POMONA
LONGITUDE 117° 46.4'W (1)	
ELEVATION 253.3 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0500-1		g= 979 548.94 mgals	
C 300			
U1023		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

On the north side of West Holt Avenue, about 1.5 miles west of the Pomona business district, at the Orange Blossom Auto Court. About 490 feet north of the center line of Holt Avenue, in a trailer parking area 266 ft. west of the center line of Weber Street. A standard gravity disc marked "Pomona 1939". Reading over the disc. (1)

REFERENCE SOURCE

(1) 02665

739

ACIC HQ FORM FEB 69 0-415

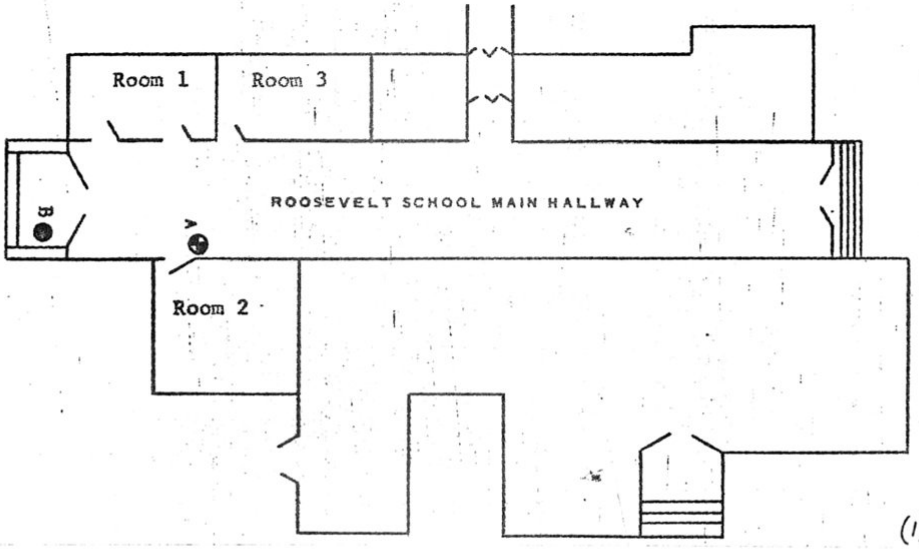
GRAVITY BASE STATION

LATITUDE 47° 30.7' N (1)	STATION DESIGNATION GREAT FALLS
LONGITUDE 111° 15.7' W (1)	
ELEVATION 1050.0 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0501-1		g= 980 525.99 mgals	
IGC 15671A			
GW 4			
D09938-63		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Great Falls, on 2nd Ave. N. at the Roosevelt School, in the south portion of the hallway, 15 meters north of the double doors at the south entrance, against the east wall, on the tile floor. Contact: Mr. Benjamin F. Stephens. Phone: 452-3327. (1)



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 O-415

740

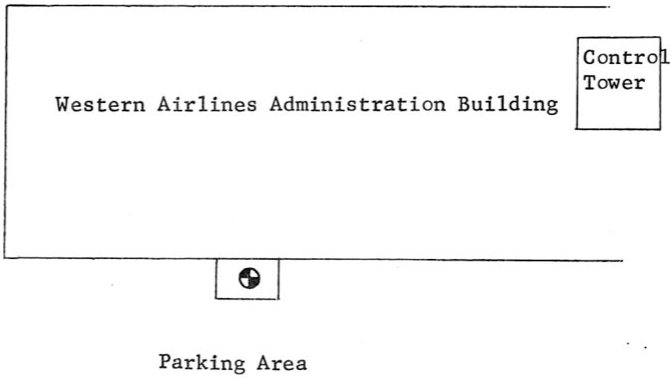
GRAVITY BASE STATION

LATITUDE 48° 37.0' N (1)	STATION DESIGNATION CUT BANK
LONGITUDE 112° 22.5' W (1)	
ELEVATION 1188.4 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0508-2		g = 980 607.60 mgals	
IGC 15682B			
GW 13			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is on the south side of the Western Airlines Administration Building, on a 1.4 x 2.1 meter concrete slab at the rear (south) entrance to the southwest wing of the building. Building is constructed of red brick, and has a controltower on top of it. The concrete slab is approximately at the surrounding ground level. (1)



(2)

REFERENCE SOURCE

(1) 05100 (2) 05100

741

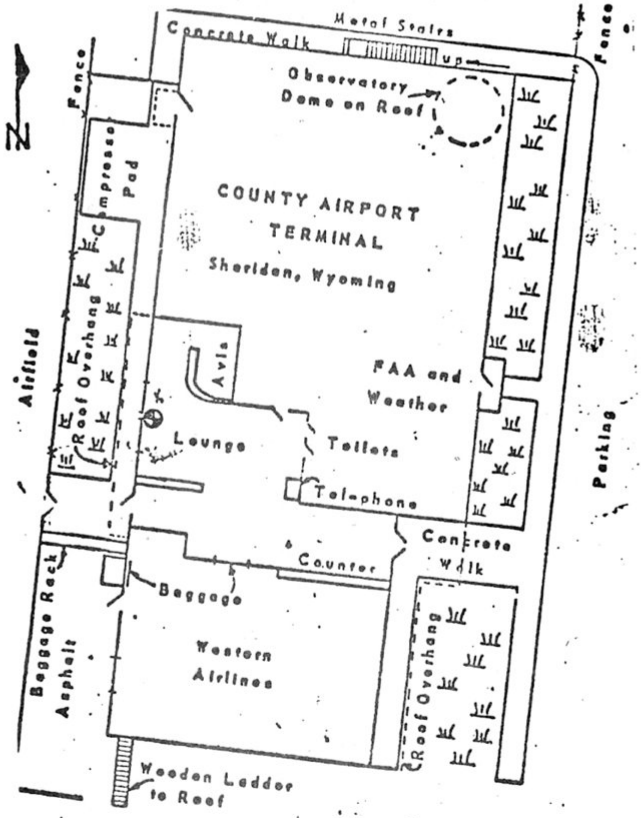
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 44°46.50'N (N)	STATION DESIGNATION SHERIDAN
LONGITUDE 106°58.00'W (1)	
ELEVATION 1225.60m (1) METERS	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS: DOD 0510-3; IGB 15546K	ADOPTED GRAVITY VALUE: g= 980 225.80 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 1 July 1973

DESCRIPTION AND/OR SKETCH

The station is at the Sheridan Municipal Airport, in the terminal, inside the waiting room, against the west wall, between the large windows, on the tile floor. The station is monumented with a "Gravity Calibration" disc. Described: March 1967 (1)



(1)

REFERENCE SOURCE

(1) 03802

ACIC HQ FORM FEB 69 O-415

742

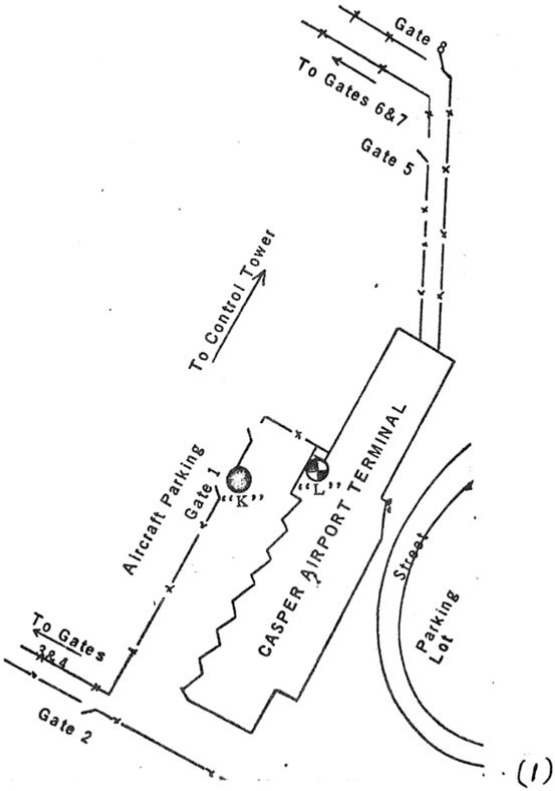
GRAVITY BASE STATION

LATITUDE 42° 54.00'N (1)	STATION DESIGNATION CASPER
LONGITUDE 106° 28.00'W (1)	
ELEVATION 1629.80 METERS (1)	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS: ACIC 0511-0, IGB 15526L, DO 9641-63	ADOPTED GRAVITY VALUE: g= 979 955.04 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is about six miles northwest of Casper at the Casper Airport Terminal (built in 1955-1957), northwest side, at the field entrance to the south concourse (Gates 1-4), in the north end of the vestibule, at the radiator.

Station is monumented with a USAF Calibration Base Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

743

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

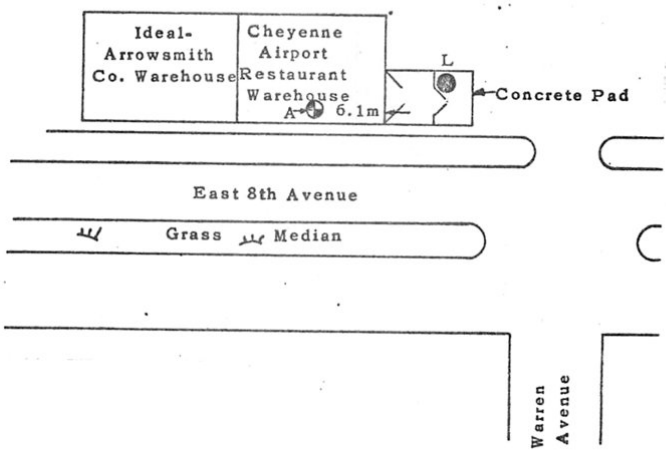
LATITUDE 41° 10.2'N (1)	STATION DESIGNATION CHEYENNE
LONGITUDE 104° 48.6'W (1)	
ELEVATION 1878.5 METERS (1)	COUNTRY/STATE USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0512-1		g = 979 699.95 mgals	
IGB 15514A			
GW 38			
DO 9644-63		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in northern Cheyenne at the Municipal Airport, in a white frame building approximately 100 meters west of the new terminal. For access contact the airport restaurant manager. The station is in the east room of the building, 6.1 meters west of the east wall and 1.2 meters north of the south wall, on the concrete floor.

The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". (1)



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 0-415

744

GRAVITY BASE STATION

LATITUDE 33° 10.46'N (1)	STATION DESIGNATION OMAHA
LONGITUDE 94° 44.41'W (1)	
ELEVATION 122.8 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0513-1		g= 979 555.55 mgals	
HUS 1055			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

In Omaha, at site of old railroad station, building no longer here, HUS station is at track level, and approximately 50 feet south of Highway 67. (1)

REFERENCE SOURCE

(1) 04099

745

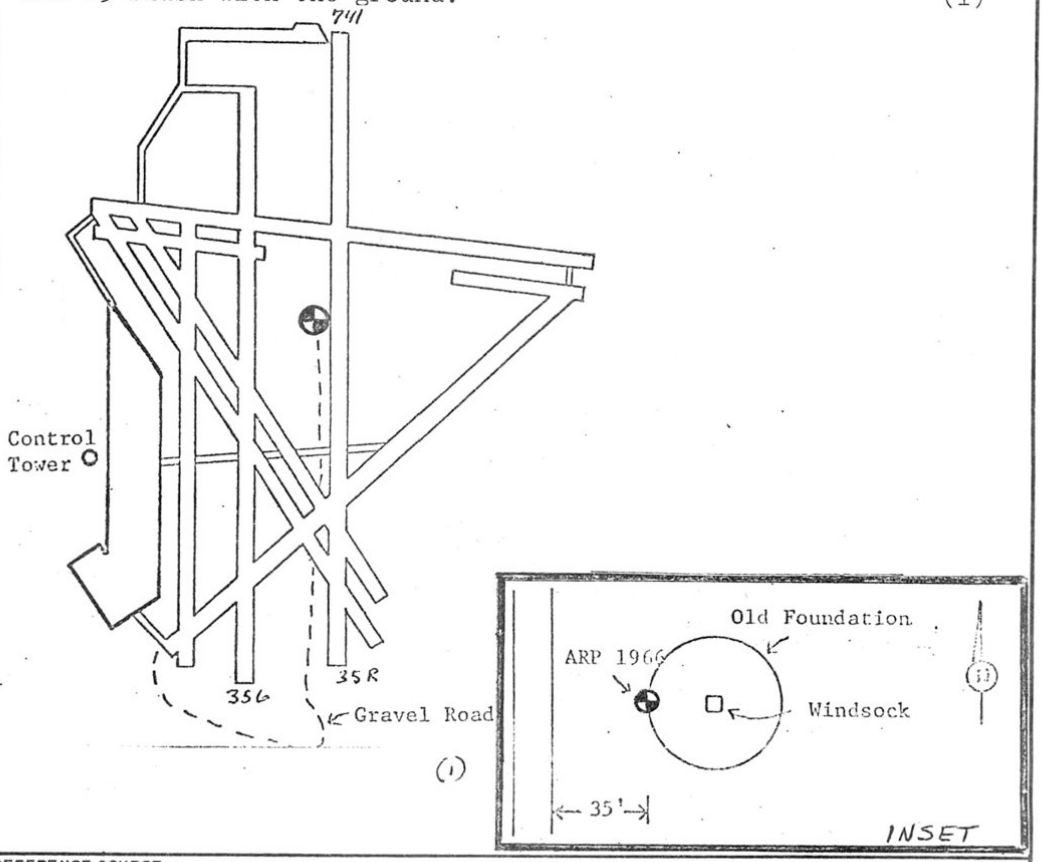
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 27° 32.67'N (1)	STATION DESIGNATION LAREDO
LONGITUDE 99° 27.67'W (1)	
ELEVATION 151.72 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0515-2; IGB 08279L	ADOPTED GRAVITY VALUE: g= 979 078.91 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located at Laredo AFB, Texas, on a gravel road south of the flight line running east then north up runway 35R to the main wind sock located between 35C and 35R runways, 26 feet west of windsock, 35 east of gravel road, stamped ARP 1966 and 15 flush with the ground. (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

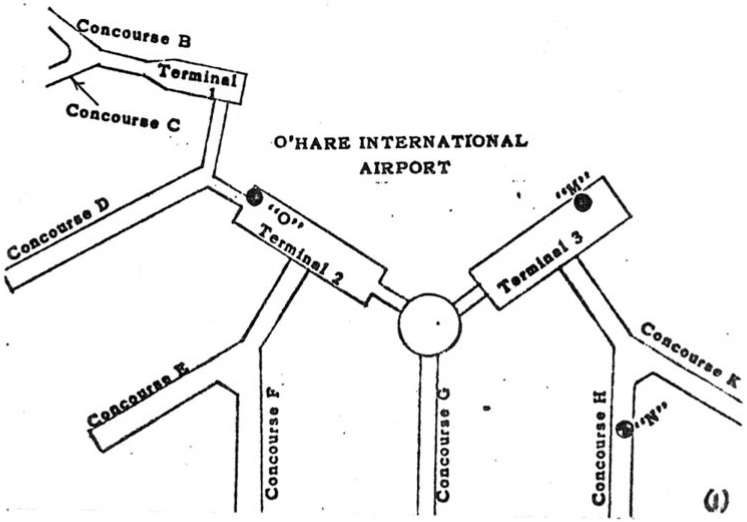
GRAVITY BASE STATION

LATITUDE 41° 59.00' N (1)	STATION DESIGNATION CHICAGO
LONGITUDE 87° 54.00' W (1)	
ELEVATION 203.00 METERS (1)	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS: ACIC 0516-0; IGG 15317N	ADOPTED GRAVITY VALUE: g= 980 287.57 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is about eighteen miles northwest of downtown Chicago at O'Hare Field (Chicago International Airport), south of terminal three, in concourse H, at Gate H-7, in the ground level lobby (North Central Airlines), near the foot of the stairs, at the center of the south wall radiator, on the tile floor.

Area was under construction in November 1966. (1)



REFERENCE SOURCE

(1) 02733

747

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 44° 23.00' N (1)	STATION DESIGNATION HURON
LONGITUDE 98° 33.30' W (1)	
ELEVATION 390.90 METERS (1)	COUNTRY/STATE USA/South Dakota

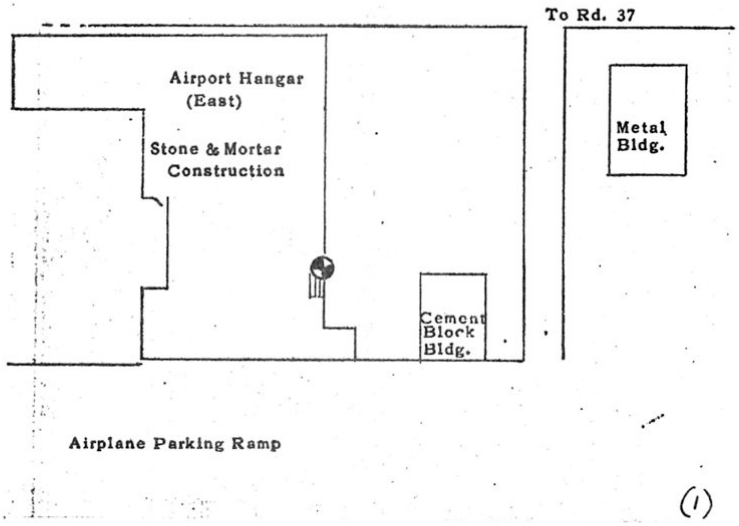
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 0517-2	g = 980 452.28 mgals	
IGC 15448J		
U 1200		
	ESTIMATED ACCURACY	DATE
	± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is one mile north of Huron, South Dakota, at the airport.

Observations were made at the concrete hangar, on the east side of the building, at the concrete step to the east door of the hangar.

The station is marked with a bronze disk stamped: "USC&GS Gravity Station, Huron 1950". (1)



(1)

REFERENCE SOURCE

(1) 05112

ACIC HQ FORM FEB 69 O-415

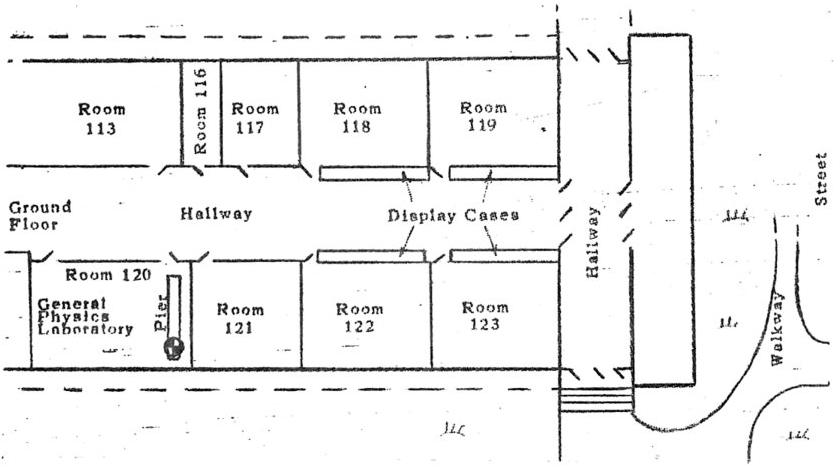
GRAVITY BASE STATION

LATITUDE 29° 27.77' N (1)	STATION DESIGNATION SAN ANTONIO
LONGITUDE 98° 28.95' W (1)	
ELEVATION 244.00 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0519-1; IGC 08298B	ADOPTED GRAVITY VALUE: g= 979 193.89 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in San Antonio at Trinity University (west of Brackenridge Park) at the imaginary eastern extension of Oakmont Ave., at the Thomas Semmes Chemistry Hall of the Marrs McLean Science Center, in the eastern (Physics) section, on the ground floor, in room 120(General Physics Lab which is the fourth room from the east on the south side of the building), at the southeast corner of the room, on the one meter high and five meter long concrete pier, at the south (window) end.

Station is monumented with a National Gravity Base Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

749

ACIC HQ FORM FEB 69 0-415

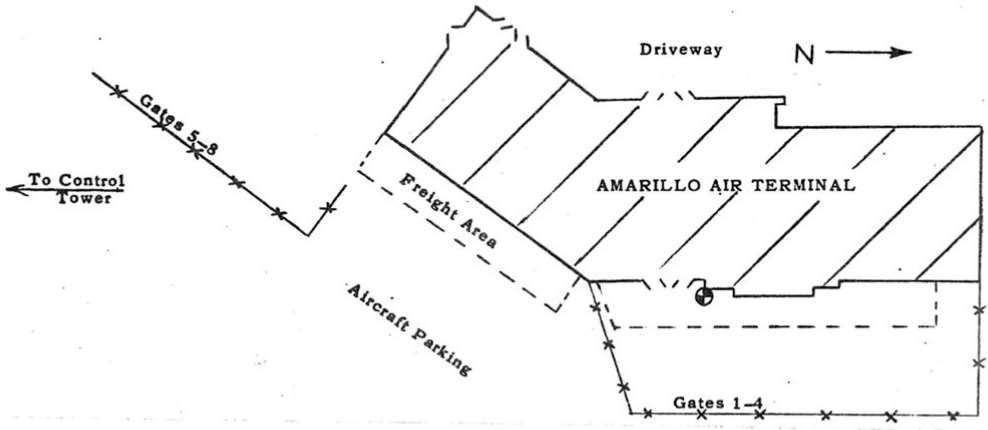
GRAVITY BASE STATION

LATITUDE 35° 13.80' N (1)	STATION DESIGNATION AMARILLO
LONGITUDE 101° 42.00' W (1)	
ELEVATION 1098.50 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0521-0; IGC 11951J; WA 67	ADOPTED GRAVITY VALUE: g= 979 422.64 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is about five miles east of Amarillo at the 1954 Amarillo Air Terminal (English Field), at the field side, about one meter northeast of the field entrance doors to Gates 1-4, at the east wall of the building, on the concrete.

Station is monumented with a USAF Calibration Base Disk, about two meters north of the point of observation. (1)



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 0-415

750

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
36° 09.1' N (1)	TULSA
LONGITUDE	
95° 56.5' W (1)	
ELEVATION	**COUNTRY/STATE**
234.3 METERS (1)	USA/Oklahoma

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0522-0		g= 979 765.20 mgals	
GW 51			
		ESTIMATED ACCURACY	DATE
		± 0.2 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

Observations were made in the basement of the Waite Phillips Engineering Building at the University of Tulsa.

Site is located in Room 4, 28 ft from the front wall and 8 ft from the east end wall.

A standard USC&GS gravity station disk is at the southeast corner of the Engineering Building, one foot north of USC&GS bench mark J137. The gravity meter difference from pendulum site to station disk is minus 0.15 mgal. (1)

REFERENCE SOURCE

(1) 00916

751

ACIC HQ FORM FEB 69 0-415

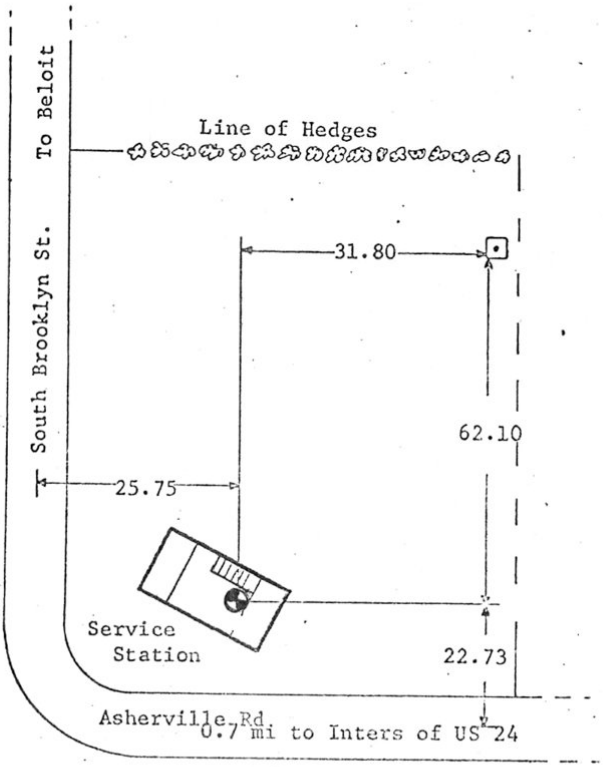
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
39° 27.30'N (1)	BELOIT
LONGITUDE	
98° 06.20'W (1)	
ELEVATION	**COUNTRY/STATE**
418.2 METERS (1)	USA/Kansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0523-0			
IGB 11898A		g= 979 997.31 mgals	
GW 52			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Beloit, Kansas, at the northeast corner of South Brooklyn Street and Asherville Road, at the Kiser (Phillips 66) Service Station, in the basement, in the northeast corner of the west room. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

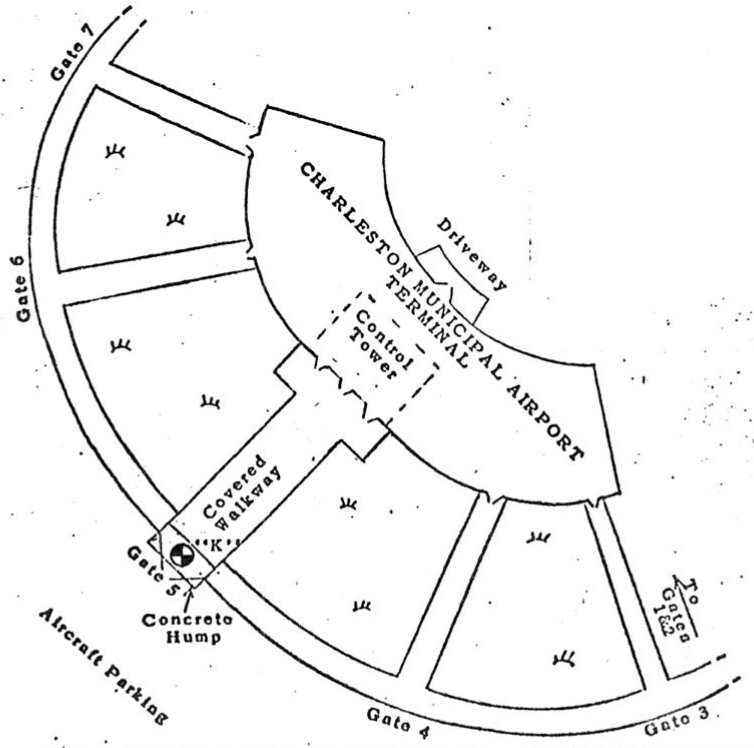
752

GRAVITY BASE STATION

LATITUDE 32°53.90'N (1)	STATION DESIGNATION CHARLESTON
LONGITUDE 80°02.40'W (1)	
ELEVATION 12.00 (1) METERS	COUNTRY/STATE USA/South Carolina
REFERENCE CODE NUMBERS: DOD 0525-2, IGB 11629K, WA 494, NHO 82.04	ADOPTED GRAVITY VALUE: g= 979 566.02 mgals
	ESTIMATED ACCURACY: ± 0.2 mgals
	DATE — MONTH/YEAR: June 1974

DESCRIPTION AND/OR SKETCH

The station is about seven miles northwest of Charleston at Charleston Municipal Airport, about eighteen meters southwest of the terminal, at the top of the covered walkway, at the Gate 5 fence, at the top of the concrete hump. (1)



(1)

REFERENCE SOURCE

(1) 02733

753

ACIC HQ FORM FEB 69 0-415

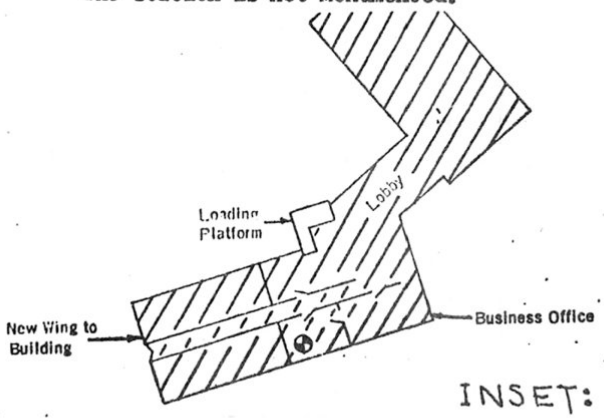
GRAVITY BASE STATION

LATITUDE 25° 44.0' N (1)	STATION DESIGNATION MIAMI
LONGITUDE 80° 10.0' W (1)	
ELEVATION 1.5 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 0526-1, IGC08150A, GW 115	ADOPTED GRAVITY VALUE: g= 979 034.72 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

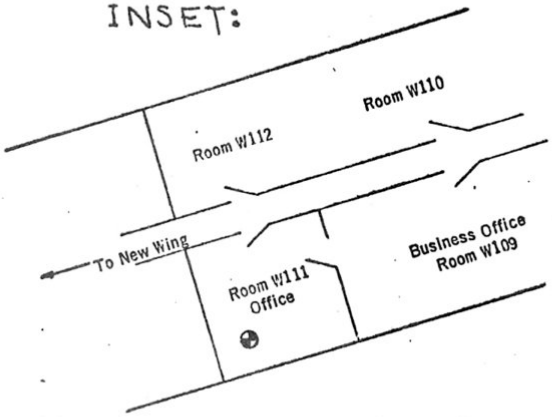
DESCRIPTION AND/OR SKETCH

The gravity station is in Miami at the University of Miami Marine Biological Laboratory on Virginia Key. The station is in the business office building in a small room numbered W-111 on the tile floor near the southwest corner of the room.

The station is not monumented. (1)



INSET:



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 0-415

754

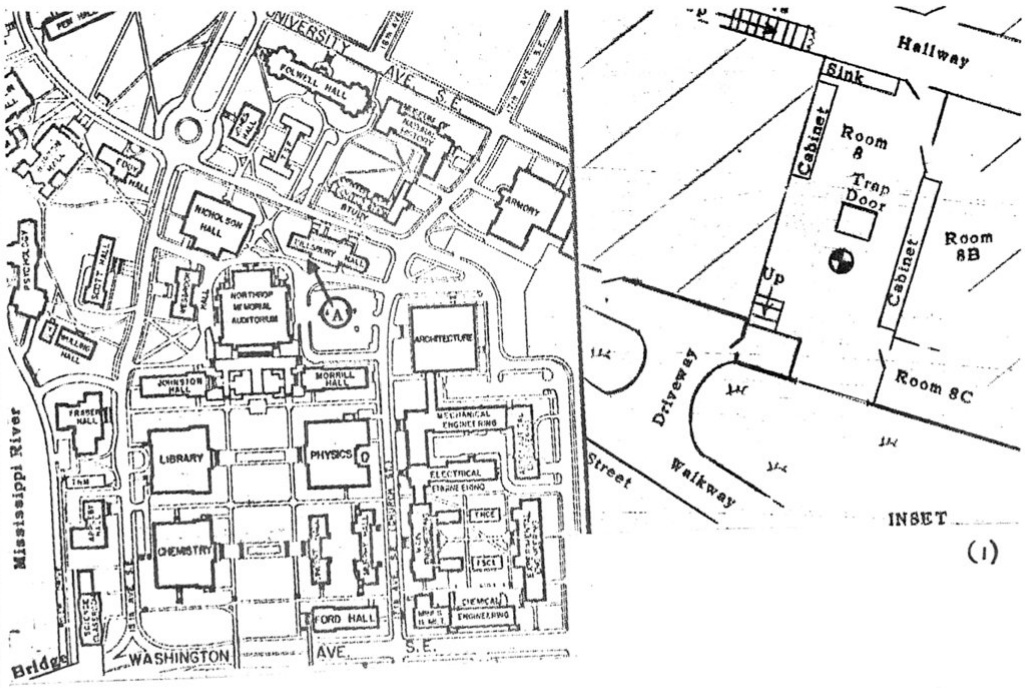
GRAVITY BASE STATION

LATITUDE 44° 58.70' N. (1)	STATION DESIGNATION MINNEAPOLIS
LONGITUDE 93° 58.70' W. (1)	
ELEVATION 256.10 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0528-1 IGC 15443A GW 91 U 74	g= 980 596.92 mgals
	ESTIMATED ACCURACY ± 0.1 mgals / DATE MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in eastern Minneapolis on the University of Minnesota Campus, at the Geology Building (Pillsbury Hall), near the central part of the basement (about 0.9 meters below ground level), in room 8 (formerly room 14, now used as a storeroom), about four meters north of the large window, one meter south of a trap door, on the concrete floor.

Station is monumented with a USC&GS Gravity Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

755

ACIC HQ FORM FEB 69 0-415

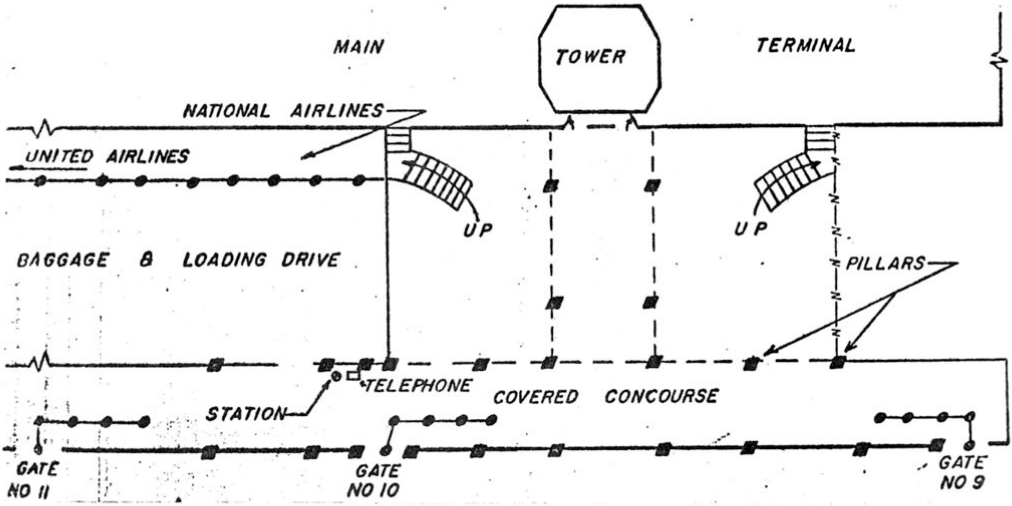
GRAVITY BASE STATION

LATITUDE 27° 58' N (1)	STATION DESIGNATION TAMPA
LONGITUDE 82° 32' W (1)	
ELEVATION 8.2 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 0539-1; IGC 08172K	ADOPTED GRAVITY VALUE: g= 979 203.31 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located at Tampa International Airport.

The site is in a covered concourse on the field side of the Terminal near Gate 10. Observations were made 5 feet east of a telephone booth, on an asphalt surface. The site is directly in front of the National Airlines Baggage Delivery area. (1)



(1)

REFERENCE SOURCE

(1) 05109

ACIC HQ FORM FEB 69 O-415

756

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
36° 34.6' N (1)	BOYKINS
LONGITUDE	
77° 12.0' W (1)	
ELEVATION	**COUNTRY/STATE**
12.5 METERS (1)	USA/Virginia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0540-1			
U 850		g= 979 882.8 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located in the city of Boykins, ½ mile south of Boykins railroad depot, on land owned by Mr. C. L. Johnson, in a parking space on the south side of Mr. Johnson's service station and store, 45 feet south of southwest corner of store, 60 feet west of center line of paved street (State Highway 35), 27 feet north of north side of small frame house, approximately 75 yards east of a grove of virgin pines, 6 feet east of wire fence, and 50 feet southwest of the mark. The mark is a standard gravity reference mark stamped "BOYKINS 1938" and set in a drill hole in the concrete foundation for gasoline pumps at C. L. Johnson's store, 36 feet west of center line of street and 95 feet south of southeast corner of C. L. Johnson's house. (1)

REFERENCE SOURCE

(1) 00269

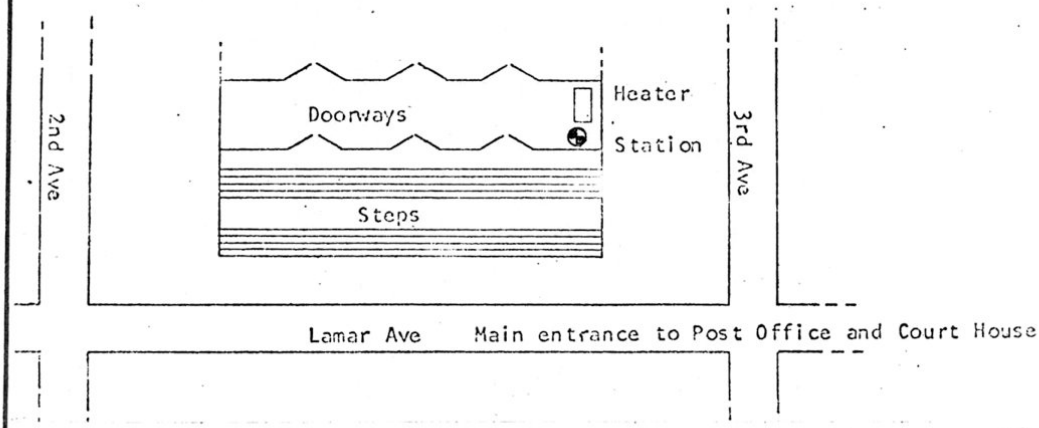
757

GRAVITY BASE STATION

LATITUDE 33° 39.60'N (1)	STATION DESIGNATION PARIS
LONGITUDE 95° 32.95'W (1)	
ELEVATION 183.00 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0541-2; IGB 11835B	ADOPTED GRAVITY VALUE: g= 979 589.62 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Paris, Texas, on Lamar Avenue, between 2nd and 3rd Avenues, at the main entrance to the Post Office and Courthouse, about 3.5 feet east of the center line of the eastern-most doorway, and about six inches north of the south wall. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

758

GRAVITY BASE STATION

LATITUDE 44° 55.75'N (1)	STATION DESIGNATION LILY LAKE
LONGITUDE 109° 42.55'W (1)	
ELEVATION 2230.8 METERS (1)	COUNTRY/STATE USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0544-1		g= 980 002.88 mgals	
HUS 533			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

Along US Highway 12, about 15.2 miles southeast of Cooke City, Montana, across the dirt road (leading to Lily Lake), 100 feet west of BM stamping: "SW 53", BM elevation: 7329 feet. (1)

REFERENCE SOURCE

(1) 04099

759

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 44° 53.05'N (1)	STATION DESIGNATION LAMAR RANGER STATION
LONGITUDE 110° 13.20'W (1)	
ELEVATION 1996.7 METERS (1)	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS: ACIC 0545-1; HUS 529	ADOPTED GRAVITY VALUE: g= 980 019.79 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals; DATE: MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

Station is located about 1.2 miles southeast of Lamar Ranger Station along the northeast entrance road at BM Stamping: "GWM 3" HUS 529 is on the northeast side of the road. BM elevation: 6551 feet. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

760

GRAVITY BASE STATION

LATITUDE 43° 57.80'N (1)	STATION DESIGNATION MAYOWORTH
LONGITUDE 106° 40.73'W (1)	
ELEVATION 1484.4 METERS (1)	COUNTRY/STATE USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0547-1			
HUS 583		g= 980 070.91 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 46N, R 82W, S 14

Station is located on the west side of Highway 87 in the middle of dirt road intersection leading west. (1)

REFERENCE SOURCE

(1) 04099

761

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 44.10'N (1)	STATION DESIGNATION KIRBY
LONGITUDE 108° 10.55'W (1)	
ELEVATION 1315.2 METERS (1)	COUNTRY/STATE USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0548-1		g= 980 079.26 mgals	
HUS 510			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 44N, R 94W, S 31-32 border

Station is located on northeast corner of junction of US Highway 20 and Black Mountain Road. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

762

GRAVITY BASE STATION

LATITUDE 31° 46.71'N (1)	STATION DESIGNATION SALT FLAT
LONGITUDE 104° 51.26'W (1)	
ELEVATION 1238.7 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0549-1; HUS 703	ADOPTED GRAVITY VALUE: g= 979 090.58 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals; DATE: MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

About 1.3 miles south along old US Highway 62 (180) from the new junction, at junction of old US Highway 62 (180) and State Highway 54, at south end of bridge crossing Arroyo, at BM stamping: BM 4063.883 feet, BM: "G182 1933". (1)

REFERENCE SOURCE

(1) 04099

763

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 41° 31.5'N (1)	STATION DESIGNATION
LONGITUDE 93° 38.9'W (1)	DES MOINES
ELEVATION 288.6 METERS (1)	COUNTRY/STATE USA/Iowa
REFERENCE CODE NUMBERS: ACIC 0550-2; IA 77	ADOPTED GRAVITY VALUE: g = 980 198.09 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 5/70

DESCRIPTION AND/OR SKETCH

At the Des Moines Municipal Airport, 4.5 miles southwest of the city of Des Moines; in the basement of the terminal building, in room 28, at the base of the column immediately to the right upon entering the room; not marked.

(1)

REFERENCE SOURCE

(1) 03355

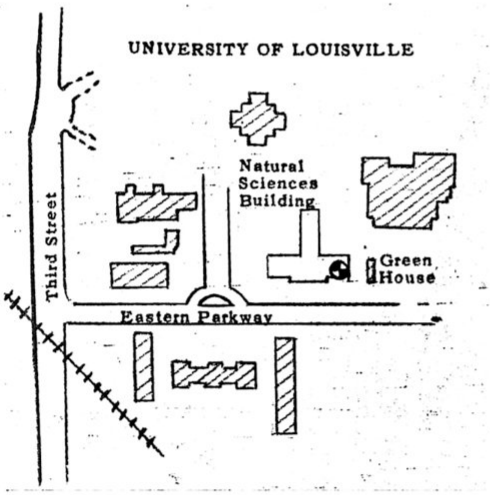
GRAVITY BASE STATION

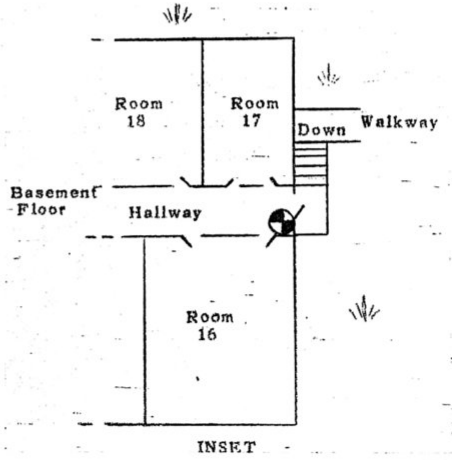
LATITUDE 38° 12.75' N (1)	STATION DESIGNATION LOUISVILLE
LONGITUDE 85° 45.50' W (1)	
ELEVATION 140.00 METERS (1)	COUNTRY/STATE USA/Kentucky
REFERENCE CODE NUMBERS: ACIC 0551-1; IGC 11785B	ADOPTED GRAVITY VALUE: g = 979 960.42 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Louisville at the University of Louisville, on Eastern Parkway (east of Third Street), at the Natural Science Building (built in 1954), in the basement floor, east end, in the hallway, between Rooms 16 and 17, at the southeast corner, next to the door leading outside the building, on the tile floor. (1)

Station is monumented with a U. S. National Gravity Base Disk.





(1)

REFERENCE SOURCE

(1) 02733

765

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

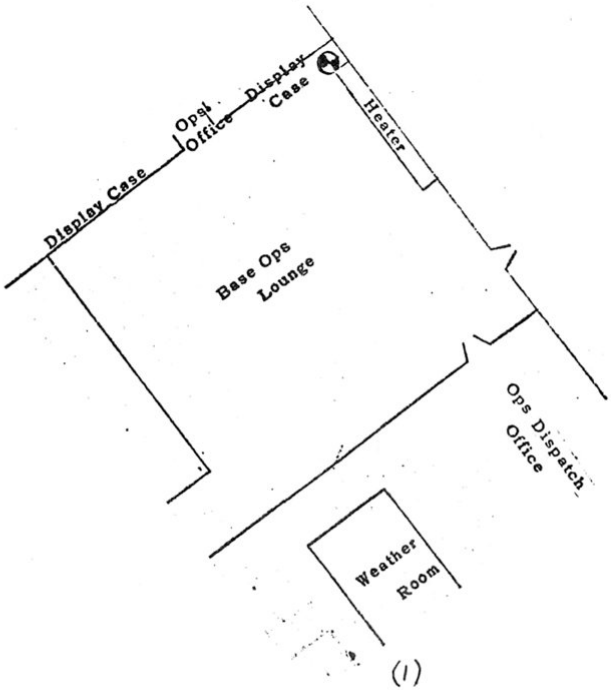
LATITUDE 41° 08.00' N (1)	STATION DESIGNATION OMAHA
LONGITUDE 95° 55.00' W (1)	
ELEVATION 319.13 METERS (1)	COUNTRY/STATE USA/Nebraska
REFERENCE CODE NUMBERS: ACIC 0553-1; IGC 15415J	ADOPTED GRAVITY VALUE: g= 980 226.69 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is at Offutt AFB near Omaha, Nebraska.

Observations were made in the Base Operations Lounge, in the north corner between the heater and display, 30 feet northwest of the field entrance, 15 feet northwest of the Operations Office.

The station is monumented with a "USAF Gravity Station Disk". (1)



(1)

REFERENCE SOURCE

(1) 05111

ACIC HQ FORM FEB 69 O-415

766

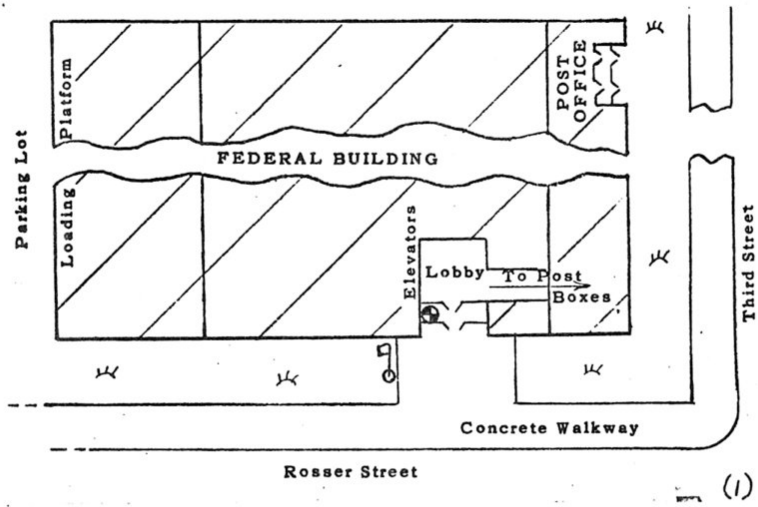
GRAVITY BASE STATION

LATITUDE 46° 49.00' N (1)	STATION DESIGNATION BISMARCK
LONGITUDE 100° 47.00' W (1)	
ELEVATION 515.10 METERS (1)	COUNTRY/STATE USA/North Dakota
REFERENCE CODE NUMBERS: ACIC 0554-2; TGC 15560B	ADOPTED GRAVITY VALUE: g= 980 625.45 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Bismarck at the northwest corner of Rosser Street and Third Street, in the Federal Building (built in 1964), at the Rosser Street entrance, in the southwest corner of the vestibule (south of the lobby and elevators), on the terrazo floor.

Station is monumented with a U. S. National Gravity Base Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

767

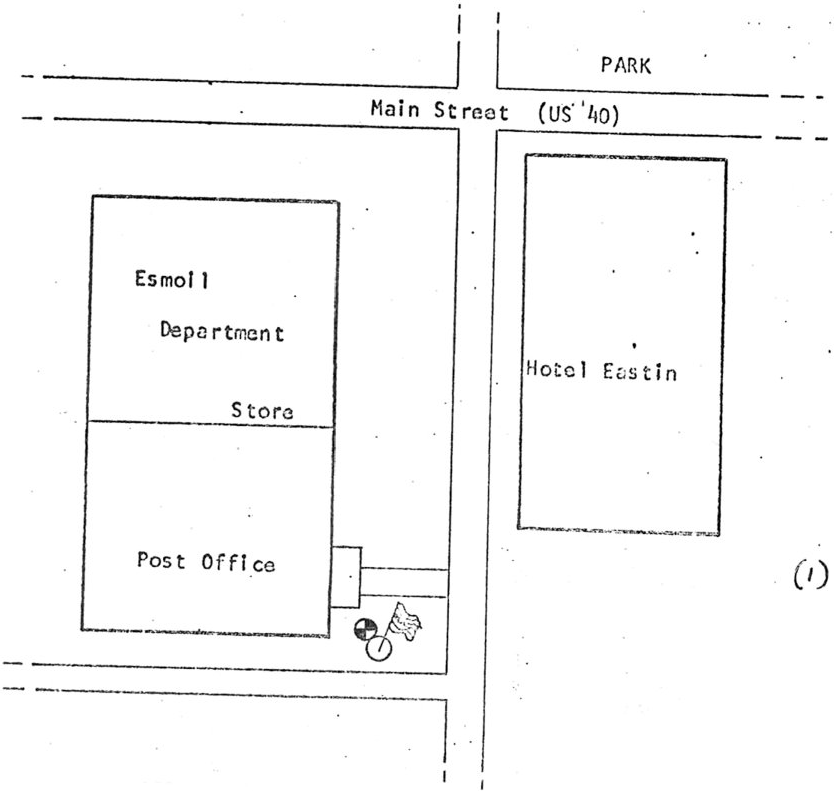
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 03.40'N (1)	STATION DESIGNATION KREMMLING
LONGITUDE 106° 23.46'W (1)	
ELEVATION 2258.88 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 0555-3; IGB 15506D	ADOPTED GRAVITY VALUE: g= 979 495.53 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 10/70

DESCRIPTION AND/OR SKETCH

The station is at the Post Office, Kremmling, Colorado, 200 feet south of US 40, 5 feet south of the centerline of the Post Office door, at the base of the flagpole. The station is marked with a standard USAF Gravity Disc. (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 38° 16'N (1)	STATION DESIGNATION TRAVIS AFB
LONGITUDE 121° 56'W (1)	
ELEVATION 18.90 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 0556-0	ADOPTED GRAVITY VALUE: g= 979 989.24 mgals
	ESTIMATED ACCURACY: ± 0.2 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is at Fairfield at the Travis Air Force Base, on concrete loading ramp, on field side of MATS Terminal, 70 ft west of main terminal exit to field. (1)

REFERENCE SOURCE

(1) 00653

769

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
40° 26.9'N (1)	VERNAL
LONGITUDE	
109° 30.8'W (1)	
ELEVATION	**COUNTRY/STATE**
1606.3 METERS (1)	USA/Utah

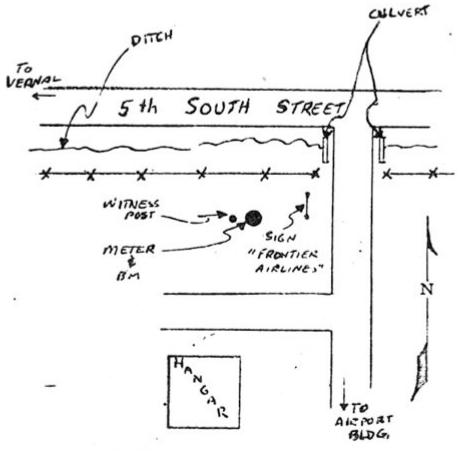
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0557-0		g= 979 667.54 mgals	
IGB 15509J			
U 1175			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USC & GS benchmark "Vernal 1946", which is set in the top of a concrete post in the parking area of the Vernal City Airport, southeast of Vernal, Utah. The concrete post, set flush with the ground, is located in the northeast corner of the parking area, about 400 feet northeast of the Basin Flying Service hangar, 60 feet south of the centerline of 5th Street South, and 30 feet south-southwest of a fence corner. A standard witness post adjoins the post.

The base station is near, but not coincident with, US Coast and Geodetic Survey pendulum station No 1175, Vernal, Utah (elevation 5,313 feet), established by G. R. Shelton in 1948. The observed gravity value was 979,671 mgal (Duerkson, 1949, P. 40 and 204).

(1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 O-415

770

GRAVITY BASE STATION

LATITUDE 47° 07.7' N (1)	STATION DESIGNATION GLENDIVE
LONGITUDE 104° 40.7' W (1)	
ELEVATION 648.6 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0562-1		g= 980 636.21 mgals	
WA 242			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at the airport at Glendive, at west end of "The Runway" Building, at base of east pole. (1)

REFERENCE SOURCE

(1) 00415

771

ACIC HQ FORM FEB 69 O-415

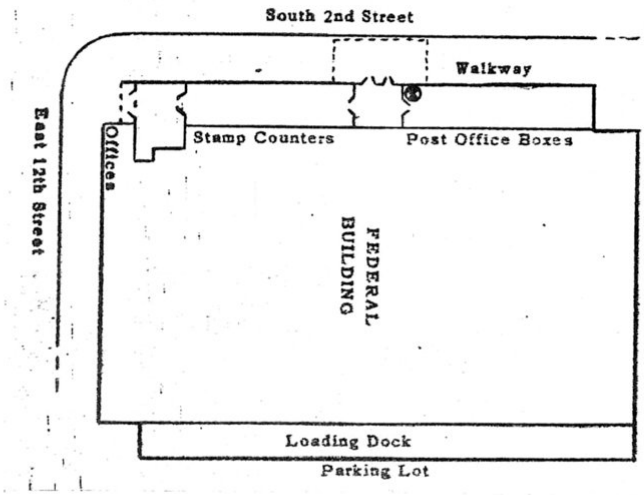
GRAVITY BASE STATION

LATITUDE 43° 34.20' N (1)	STATION DESIGNATION SIOUX FALLS
LONGITUDE 96° 44.00' W (1)	
ELEVATION 442.00 METERS (1)	COUNTRY/STATE USA/South Dakota
REFERENCE CODE NUMBERS: ACIC 0564-2; IGC 15436B	ADOPTED GRAVITY VALUE: g= 980 358.92 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: July/1967

DESCRIPTION AND/OR SKETCH

The station is in Sioux Falls in the northeast corner of South Second Street and East Twelfth Street, at the 1966 Federal Building, at the west (2nd St.) side entrance, inside, in the Post Office Boxes "oom (the room immediately north of the entrance vestibule), in the southwest corner (formed by the vestibule and outside wall), on the terrazzo floor.

Station is monumented with a National Gravity Base Disk.m(1)



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 0-415

772

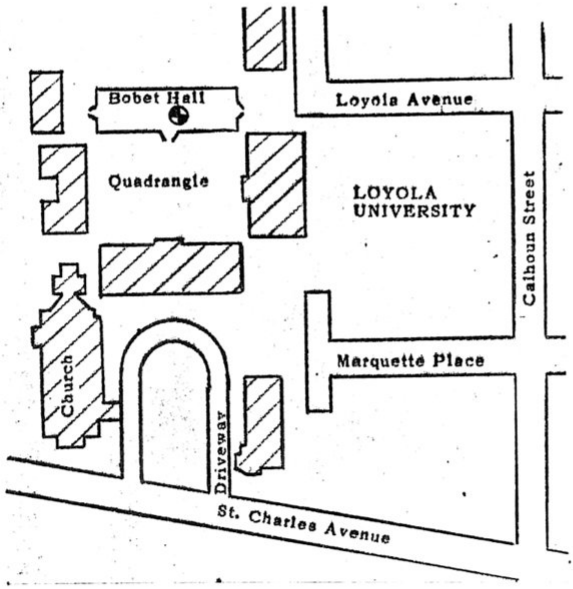
GRAVITY BASE STATION

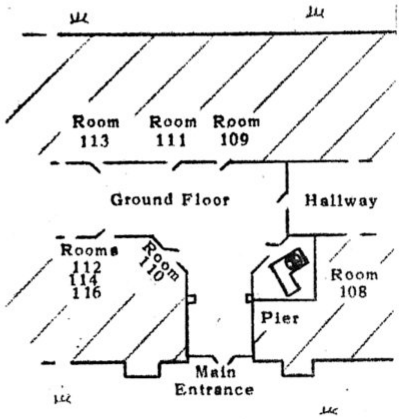
LATITUDE 29° 56.90' N (1)	STATION DESIGNATION NEW ORLEANS
LONGITUDE 90° 07.20' W (1)	
ELEVATION 2.00 METERS (1)	COUNTRY/STATE USA/Louisiana
REFERENCE CODE NUMBERS: ACIC 0577-1; IGC 08290A	ADOPTED GRAVITY VALUE: g= 979 325.82 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: July/1967

DESCRIPTION AND/OR SKETCH

The station is in New Orleans (University Section), at Loyola University, at the imaginary western extension of Loyola Ave. (north of the Quadrangle), at Bobet Hall, on the ground floor, in the center of the building (inside and northeast of the main south entrance), in room 108, on the one meter high, "L" shaped concrete pier, at the north corner.

The station is monumented with a National Gravity Base Disk. (1)





(1) INSET

REFERENCE SOURCE

(1) 02733

773

ACIC HQ FORM FEB 69 0-415

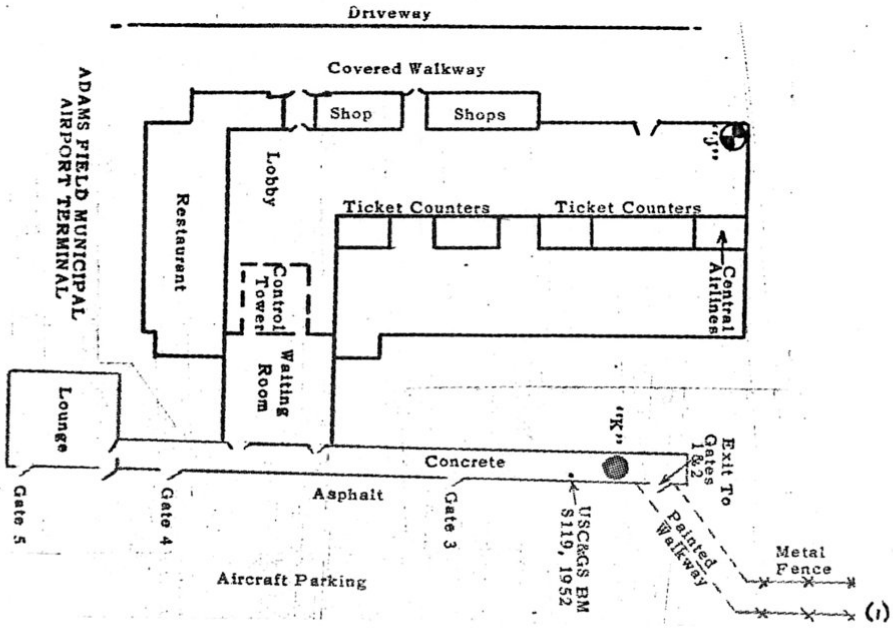
GRAVITY BASE STATION

LATITUDE 34° 44.00'N (1)	STATION DESIGNATION LITTLE ROCK
LONGITUDE 92° 14.00'W (1)	
ELEVATION 78.60 METERS (1)	COUNTRY/STATE USA/Arkansas
REFERENCE CODE NUMBERS: ACIC 0578-0; IGB 11842J	ADOPTED GRAVITY VALUE: g= 979 723.16 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in eastern Little Rock at Adams Field Municipal Airport Terminal, at the west (street) side, in the northwest corner of the ticket counter area (also the northwest corner of the building), about four meters north of the northernmost street side door, five meters west of the Central Airlines Ticket Counter, on the terrazzo floor.

Station is monumented with a National Gravity Base Disk. (1)



REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 O-415

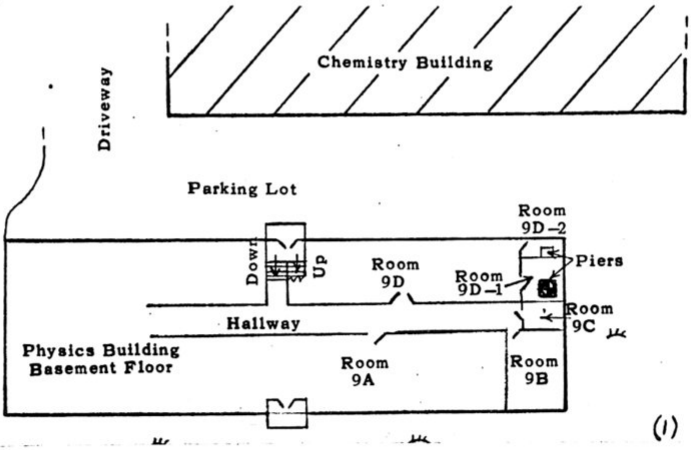
GRAVITY BASE STATION

LATITUDE 33° 47.80' N (1)	STATION DESIGNATION ATLANTA
LONGITUDE 84° 19.50' W (1)	
ELEVATION 290.00 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 0579-1; IGC 11734A; WU 36	ADOPTED GRAVITY VALUE: g= 979 537.32 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is northeast of Atlanta at Emory University, at the Physics Building, in the basement floor, at the east end, in Room 9D-1 (enter through Room 9D), on the one meter high, marble-topped, concrete pier (southernmost of two piers in the building).

The station is monumented with a USAF Gravity Disk, affixed to the west side of the pier. (1)



REFERENCE SOURCE

(1) 02733

775

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 45° 11.2'N (1)	STATION DESIGNATION CALAIS
LONGITUDE 67° 16.9'W (1)	
ELEVATION 38 METERS (1)	COUNTRY/STATE USA/Maine
REFERENCE CODE NUMBERS: ACIC 0582-1, U 31	ADOPTED GRAVITY VALUE: g= 980 633.1 mgals
	ESTIMATED ACCURACY: ± 0.6 mgals
	DATE: MONTH/YEAR 8/69

DESCRIPTION AND/OR SKETCH

Station is located in the basement of the Calais Academy or high school building, at south corner of Academy and North Streets, 5 meters west and 3 meters north of the flagpole on the building. (1)

REFERENCE SOURCE

(1) 00269

GRAVITY BASE STATION

LATITUDE 47° 54.1'N (1)	STATION DESIGNATION ELY
LONGITUDE 91° 51.6'W (1)	
ELEVATION 449.4 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 0584-0, U 58	ADOPTED GRAVITY VALUE: g = 980 754.83 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: April/1969

DESCRIPTION AND/OR SKETCH

Station is located at Ely, on sidewalk of Ely Junior College, 57 feet south of Harvey Street, 23 feet east of school drive. A standard USC&GS gravity disk stamped "Ely 1940" marks site. (1)

REFERENCE SOURCE

(1) 03059

777

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 42° 26.38'N (1)	STATION DESIGNATION ATLANTIC CITY
LONGITUDE 108° 51.63'W (1)	
ELEVATION 2407.6 METERS (1)	COUNTRY/STATE USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0585-1		g= 979 730.90 mgals	
HUS 499			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 29N, R 101W, S 35

Along State Highway 28, on the west side of highway and east of BM stamping: "Wr NEW" bm elevation: 7907 feet. Station is about 31.5 miles southwest of Lander. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

778

GRAVITY BASE STATION

LATITUDE 48° 16.4'N (1)	STATION DESIGNATION SANDPOINT
LONGITUDE 116° 33.3'W (1)	
ELEVATION 637 METERS (1)	COUNTRY/STATE USA/Idaho
REFERENCE CODE NUMBERS: ACIC 0587-1; U 78	ADOPTED GRAVITY VALUE: g= 980 679.9 mgals
	ESTIMATED ACCURACY: ± 0.6 mgals
	DATE — MONTH/YEAR: 8/69

DESCRIPTION AND/OR SKETCH

Station is located at the Farmington Central School, in the basement, in an alcove under the stairs and vestibule of the main entrance to the first floor on the north side. (1)

REFERENCE SOURCE

(1) 00269

779

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 41° 35.1'N (1)	STATION DESIGNATION ROCK SPRINGS
LONGITUDE 109° 13.2'W (1)	
ELEVATION 1909.6 METERS (1)	COUNTRY/STATE USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0588-1		g= 979 738.6 mgals	
U 82			
		ESTIMATED ACCURACY	DATE
		± 0.6 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located in Rock Springs City Hall, in the basement, in a room just east of boiler room near the middle of southeast side. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 O-415

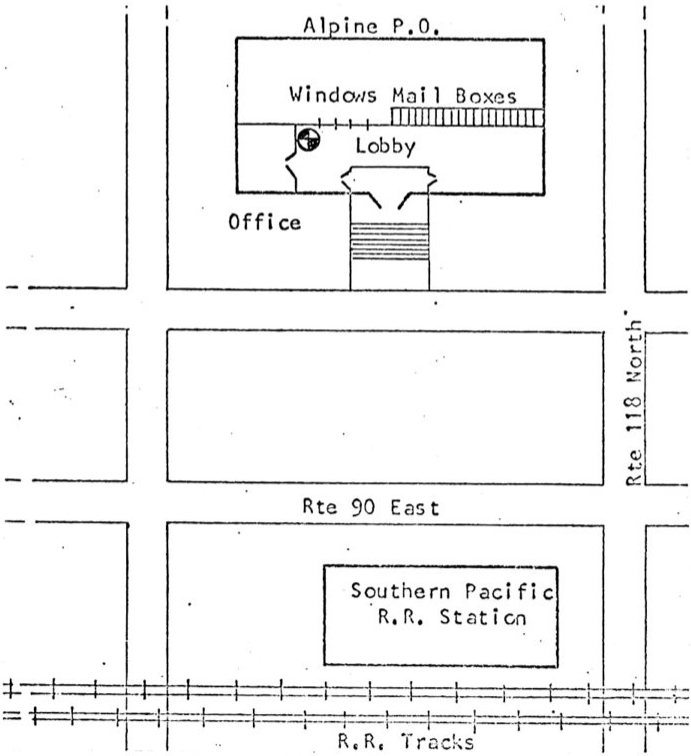
780

GRAVITY BASE STATION

LATITUDE 30° 21.30'N (1)	STATION DESIGNATION ALPINE
LONGITUDE 103° 34.77'W (1)	
ELEVATION 1371.6 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0595-2; IGB 11903B	ADOPTED GRAVITY VALUE: g= 978 989.55 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in the town of Alpine at the Post Office. The station is marked with a USAF Gravity Disk set in the northwest corner of the lobby 5 feet to the right of the door to the Post Master's office. (1)



(1)

REFERENCE SOURCE

(1) 03405

781

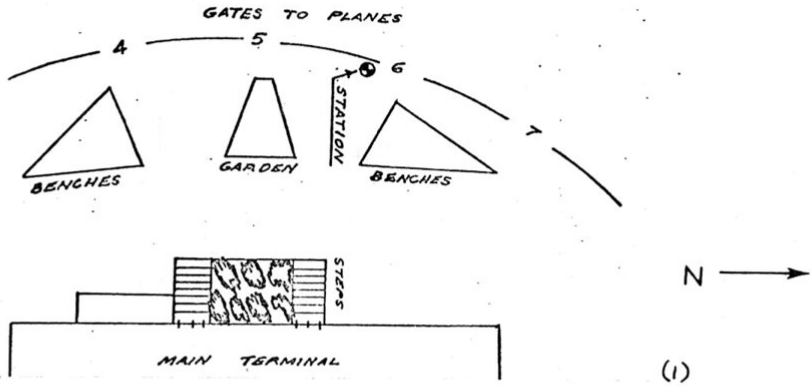
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 38° 22.5'N (1)	STATION DESIGNATION CHARLESTON
LONGITUDE 81° 35.6'W (1)	
ELEVATION 299 METERS (1)	COUNTRY/STATE USA/West Virginia
REFERENCE CODE NUMBERS: ACIC 0596-0; WA 174	ADOPTED GRAVITY VALUE: g= 979 925.00 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: Sept/1967

DESCRIPTION AND/OR SKETCH

The station is at Charleston Airport, next to fence, on the south side of Gate 6. Airport is northeast of Charleston, West Virginia. (1)



(1)

REFERENCE SOURCE

(1) 02557

ACIC HQ FORM FEB 69 O-415

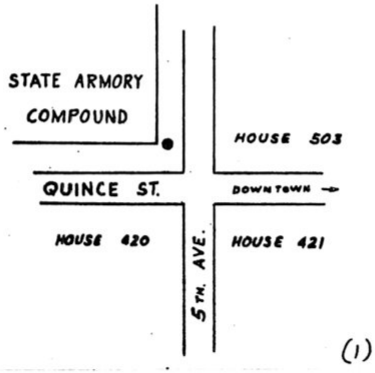
782

GRAVITY BASE STATION

LATITUDE 46° 58.2'N (1)	STATION DESIGNATION OLYMPIA
LONGITUDE 122° 55.0'W (1)	
ELEVATION METERS	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS: ACIC 0598-0; IGB 15762B	ADOPTED GRAVITY VALUE: g= 980 816.16 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

Station is located in the town of Olympia, at the intersection of Quince Street and 5th Avenue, on the northwest corner of the intersection, on the curb at the southeast corner of the State Armory Compound. (1)



(1)

REFERENCE SOURCE

(1) 02615

783

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 33.0'N (1)	STATION DESIGNATION
LONGITUDE 94° 11.0'W (1)	FORT DODGE
ELEVATION 355.1 METERS (1)	COUNTRY/STATE USA/Iowa
REFERENCE CODE NUMBERS: ACIC 0599-3; IA 94	ADOPTED GRAVITY VALUE: g = 980 295.32 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 5/70

DESCRIPTION AND/OR SKETCH

At the Fort Dodge Municipal Airport, 3.5 miles north of the city of Fort Dodge; outside the terminal building, along the south wall, on the concrete sidewalk just west of the door, below the outdoor telephone booth; marked with 2 orange paint spots. (1)

REFERENCE SOURCE

(1) 03355

ACIC HQ FORM FEB 69 O-415

784

GRAVITY BASE STATION

LATITUDE 41° 06.4' N (1)	STATION DESIGNATION KEITHSBURG
LONGITUDE 90° 56' W (1)	
ELEVATION 166.4 METERS (1)	COUNTRY/STATE USA/Illinois

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0600-1		g= 980 211.6 mgals	
U 120			
		ESTIMATED ACCURACY	DATE
		± 0.6 mgals	MONTH/YEAR March/1968

DESCRIPTION AND/OR SKETCH

Station is located at Keithsburg, in the public school building, in the eastern part of the basement under the west half of the building. (1)

REFERENCE SOURCE

(1) 00269

785

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 44° 06.3'N (1)	STATION DESIGNATION ROCKLAND
LONGITUDE 69° 06.9'W (1)	
ELEVATION 9.4 METERS (1)	COUNTRY/STATE USA/Maine
REFERENCE CODE NUMBERS: ACIC 0602-1; U 128	ADOPTED GRAVITY VALUE: g= 980 526.8 mgals
	ESTIMATED ACCURACY: ± 0.6 mgals
	DATE: MONTH/YEAR 8/69

DESCRIPTION AND/OR SKETCH

Station is located in Fred Burpee's home at 104 Limerock Street, in the south extension of the basement, in the northwest corner of the room. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 O-415

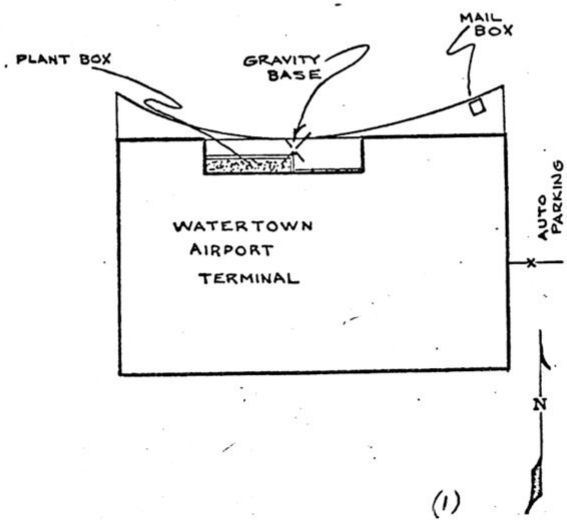
786

GRAVITY BASE STATION

LATITUDE 43° 59.7'N (1)	STATION DESIGNATION WATERTOWN
LONGITUDE 76° 01.4'W (1)	
ELEVATION 97.5 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 0605-2	ADOPTED GRAVITY VALUE: g= 980 475.71 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Watertown Airport on state route 12F about 5 miles west of Watertown, N. Y. Meter read on concrete walk at the north entrance to the terminal building, 5 ft. north of westernmost door. (1)



REFERENCE SOURCE

(1) 03037

787

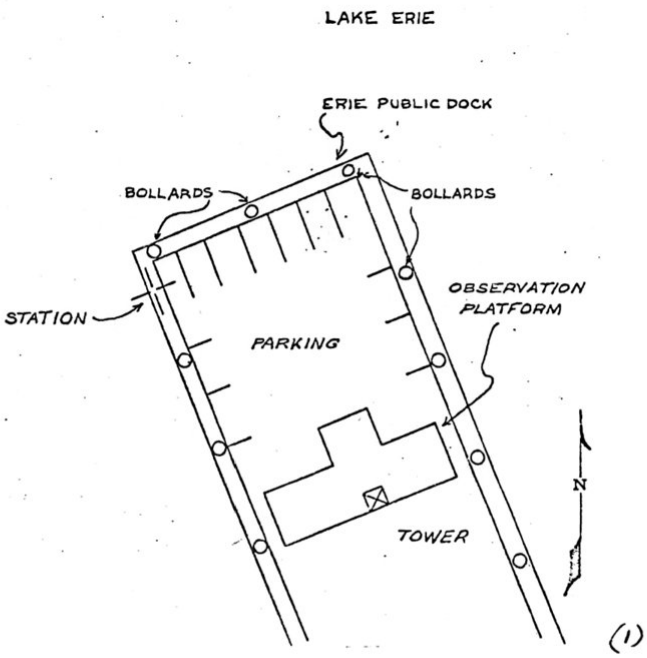
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 08.32'N (1)	STATION DESIGNATION ERIE
LONGITUDE 80° 05.50'W (1)	
ELEVATION 175.6 METERS (1)	COUNTRY/STATE USA/Pennsylvania
REFERENCE CODE NUMBERS: ACIC 0606-1	ADOPTED GRAVITY VALUE: g= 980 285.08 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Erie, Pennsylvania at the public dock, at the north end of State Street. Meter read directly on top of a BM stamped "Engineer's Office, Buffalo, New York #20"; near the northwest end of the dock, between the two western-most bollards. (1)



REFERENCE SOURCE

(1) 03036

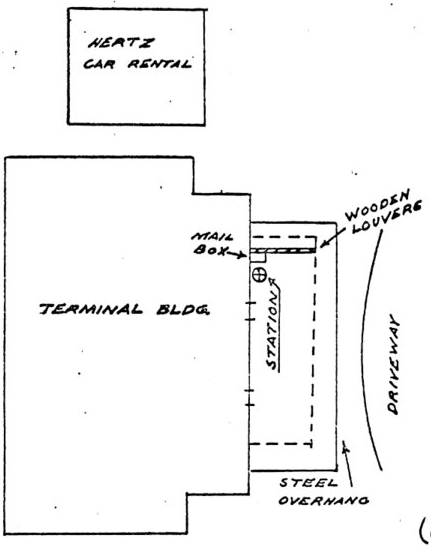
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 39° 18.2'N (1)	STATION DESIGNATION PARKERSBURG
LONGITUDE 81° 33.0'W (1)	
ELEVATION 183 METERS (1)	COUNTRY/STATE USA/West Virginia
REFERENCE CODE NUMBERS: ACIC 0607-1	ADOPTED GRAVITY VALUE: g= 980 016.30 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at the Wood County Airport, near Parkersburg, next to the right entrance to the terminal. (1)



(1)

REFERENCE SOURCE

(1) 02557

789

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 39° 45.1' N (1)	STATION DESIGNATION SPRINGFIELD
LONGITUDE 89° 41.6' W (1)	
ELEVATION 184.71 METERS	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS: ACIC 0608-0; WA 23	ADOPTED GRAVITY VALUE: g= 980 081.22 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: Aug/1967

DESCRIPTION AND/OR SKETCH

Station is at the Springfield Airport, at the street entrance to the terminal lobby. (1)

REFERENCE SOURCE

(1) 00916

ACIC HQ FORM FEB 69 O-415

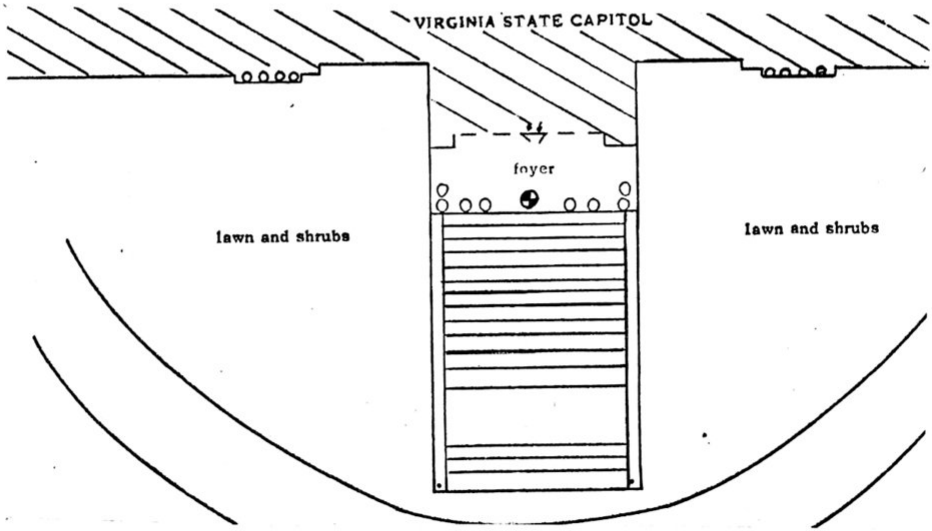
790

GRAVITY BASE STATION

LATITUDE 37° 32.38' N (1)	STATION DESIGNATION RICHMOND
LONGITUDE 77° 26.07' W (1)	
ELEVATION 56.0 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 0610-1; IGC 11677B	ADOPTED GRAVITY VALUE: g= 979 954.66 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Feb/1968

DESCRIPTION AND/OR SKETCH

Station is in Richmond, at the State Capitol Building, on the main entrance foyer, at the top of the steps, between the two central pillars, on the marble floor. (1)



(1)

REFERENCE SOURCE

(1) 02752

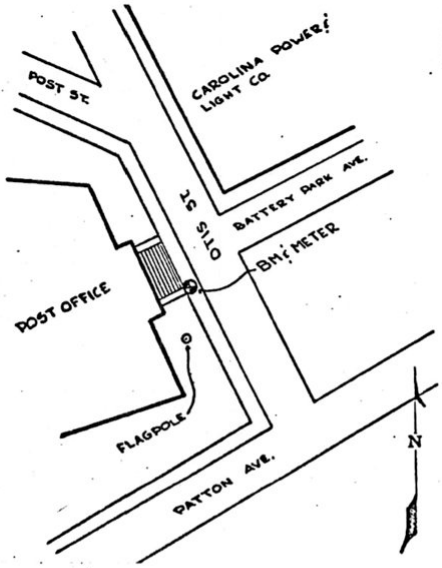
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 35° 35.7'N (1)	STATION DESIGNATION ASHEVILLE
LONGITUDE 82° 33.5'W (1)	
ELEVATION 674.92 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 0613-2	ADOPTED GRAVITY VALUE: g= 979 606.80 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at post office, in Asheville, N. C.; along Otis Street about 0.1 mile south to Patton Ave; at the main entrance, in the southeast face of the coping at the east end of the steps; on the concrete sidewalk, directly 2 feet below the level of BM. (1)



(1)

REFERENCE SOURCE

(1) 03032

ACIC HQ FORM FEB 69 O-415

792

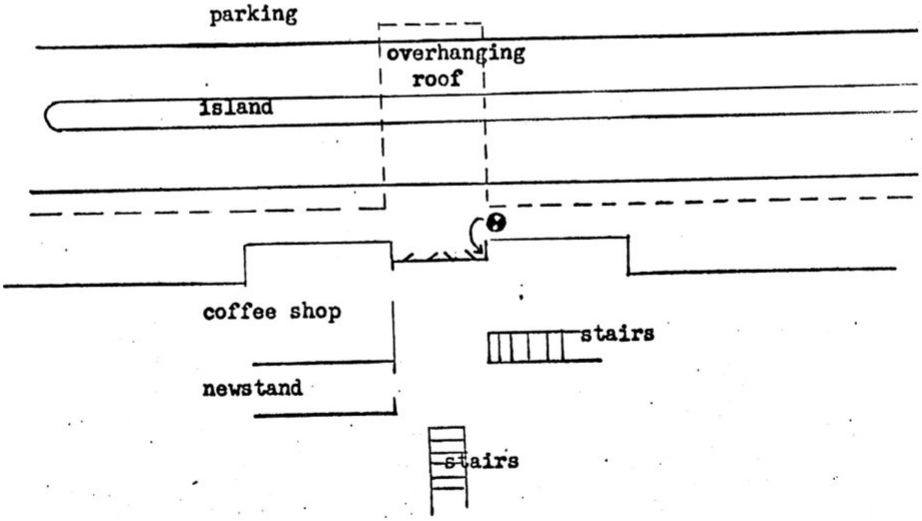
GRAVITY BASE STATION

LATITUDE 34° 38.00'N (1)	STATION DESIGNATION HUNTSVILLE
LONGITUDE 86° 46.00'W (1)	
ELEVATION 191 METERS (1)	COUNTRY/STATE USA/Alabama

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0619-1		g = 979 646.06 mgals	
IGB 11746J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is at the Huntsville Municipal Airport Terminal Building, the main (street) entrance, 1.0 meters east of the easternmost of four doors, in the southeast corner of the entrance way. Site is monumented with a "USAF Gravity Station" disc. (1)



(1)

REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

793

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

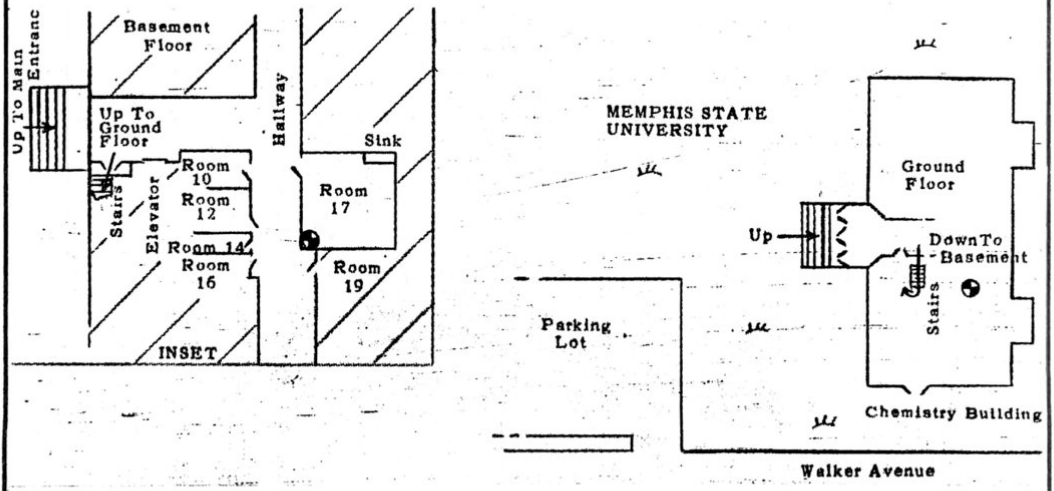
LATITUDE	STATION DESIGNATION
35° 06.98' N (1)	MEMPHIS
LONGITUDE	
89° 56.20' W (1)	
ELEVATION	**COUNTRY/STATE**
86.90 METERS (1)	USA/Tennessee

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0620-1		g= 979 730.40 mgals	
IGC 11759A			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Memphis at Memphis State University, in the southern part of the campus, on Walker Avenue, at the Chemistry Building (built in 1966), in the basement floor, east of the stairs and escalator, in Room 17 (N.M.R. Instrumentation Room), in the southwest corner, on the tile floor.

Station is monumented with a National Gravity Base Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 36° 51.6' N (1)	STATION DESIGNATION HOPKINSVILLE
LONGITUDE 87° 28' W (1)	
ELEVATION 176.0 METERS (1)	COUNTRY/STATE USA/Kentucky

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0621-1		g= 979 857.8 mgals	
U 170			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at Hopkinsville, at the custom house and post office, in the southeast corner of the northeast basement room. (1)

REFERENCE SOURCE

(1) 00269

795

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 38° 06.6' N (1)	STATION DESIGNATION LEXINGTON
LONGITUDE 84° 28.0' W (1)	
ELEVATION 277.4 METERS (1)	COUNTRY/STATE USA/Kentucky
REFERENCE CODE NUMBERS: ACIC 0624-1; WA 107	ADOPTED GRAVITY VALUE: g= 979 897.92 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR March/1968

DESCRIPTION AND/OR SKETCH

Station is located at Gate 3 at the Lexington Airport. (1)

REFERENCE SOURCE

(1) 00916

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
44° 03.2'N (1)	WINONA
LONGITUDE	
91° 38.4'W (1)	
ELEVATION	**COUNTRY/STATE**
202.05 METERS (1)	USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0625-2		g= 980 486.09 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Winona, Winona County, at the courthouse, in the north front of the west window sill. The top of a copper bolt leaded vertically in the sill and surrounded by the letters "USPBM" cut in the stone. Gravity station is located on the ground 1 foot north of bolt. (1)

REFERENCE SOURCE

(1) 03409

797

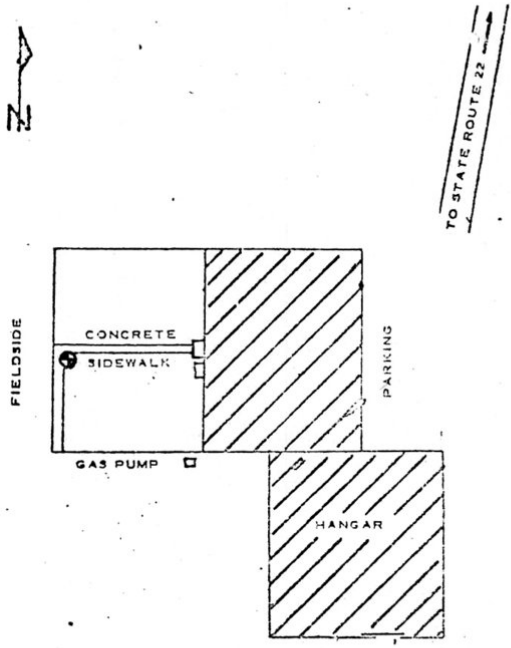
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 46° 25.75'N (1)	STATION DESIGNATION MILES CITY
LONGITUDE 105° 52.50'W (1)	
ELEVATION 818.7 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 0630-0; IGB 15565J; WA 244	ADOPTED GRAVITY VALUE: g= 980 522.25 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located at Miles City Airport, approximately three miles northwest of Miles City, Montana; four feet south of the barrier gate, on the terminal side of the barrier, in the center of the concrete walkway. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

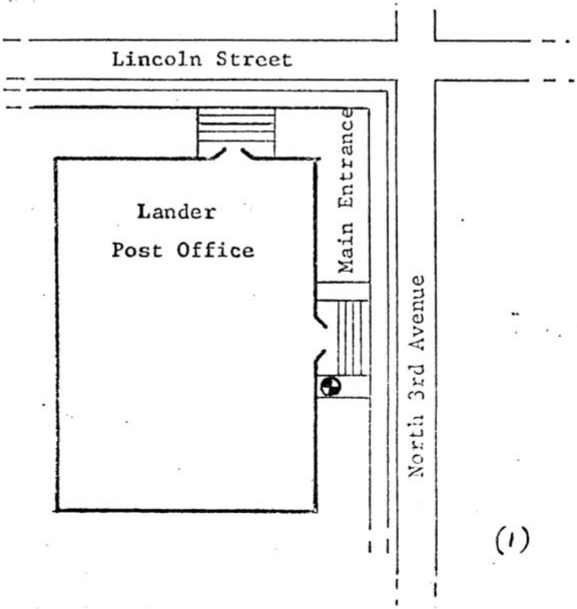
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 42° 49.30'N (1)	STATION DESIGNATION LANDER
LONGITUDE 108° 43.72'W (1)	
ELEVATION 1631.56 METERS (1)	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0632-2	g= 979 914.06 mgals
IGB 15528B	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Lander at the intersection of Lincoln Street and North Third Avenue at the Post Office, on the head wall at the south end of the steps into the main entrance of the lobby. The station is approximately 6 inches from a USC & GS benchmark, C21, 1933, and is monumented with a USAF Gravity Station disc. (1)



REFERENCE SOURCE

(1) 03405

799

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

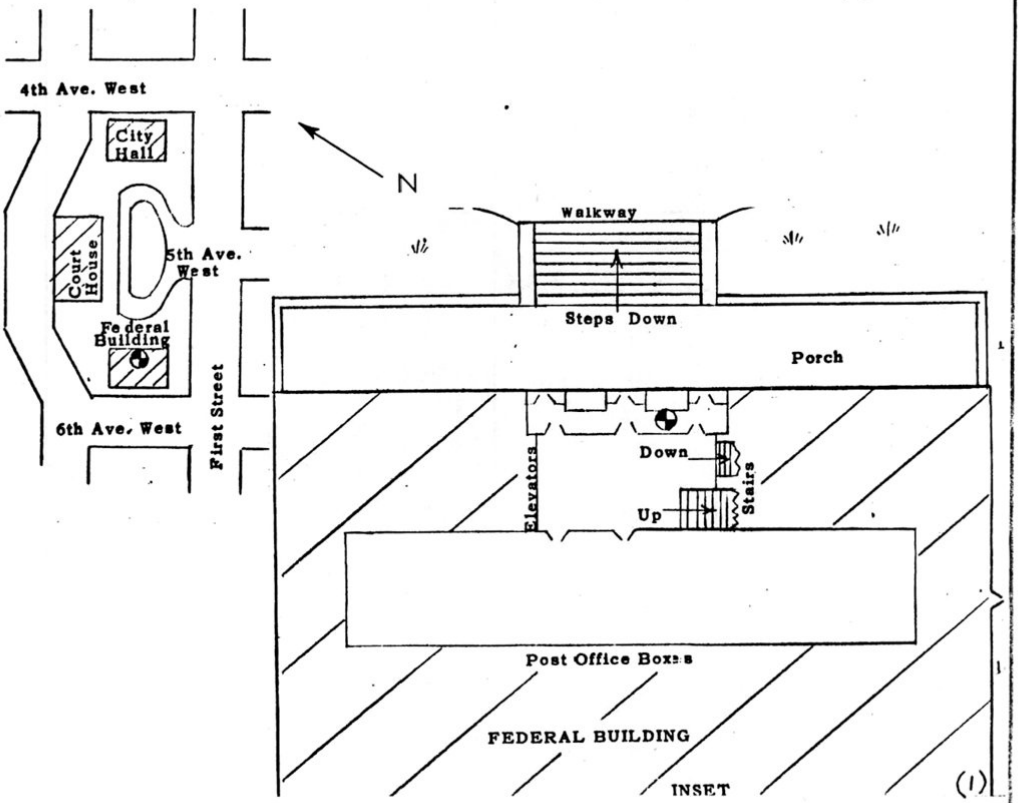
LATITUDE 46° 46.40'N (1)	STATION DESIGNATION DULUTH
LONGITUDE 92° 06.10'W (1)	
ELEVATION 400.00 METERS (1)	COUNTRY/STATE USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0635-1		g= 980 760.26 mgals	
IGB 15462B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Duluth in the north corner of the intersection of First Street and Sixth Avenue West, at the 1929 Federal Building, on the northeast (main entrance) side, in the vestibule between the center and southeast doors, at the exterior wall, on the tile floor.

Station is monumented with a National Gravity Base Disk. (1)



REFERENCE SOURCE

(1) 02733

GRAVITY BASE STATION

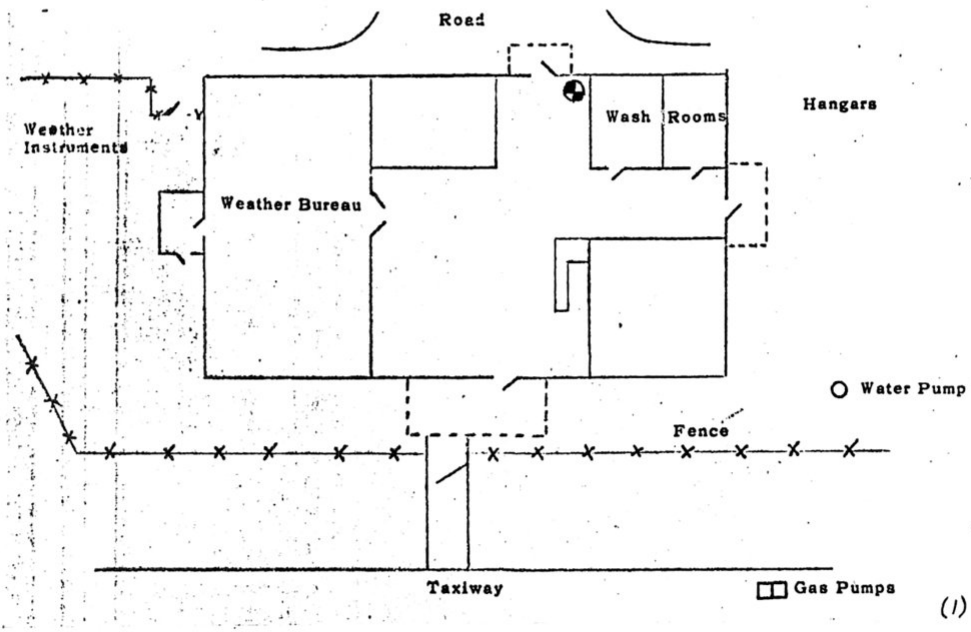
LATITUDE 42° 52.00' N (1)	STATION DESIGNATION VALENTINE
LONGITUDE 100° 33.00' W (1)	
ELEVATION 788.52 METERS (1)	COUNTRY/STATE USA/Nebraska
REFERENCE CODE NUMBERS: ACIC 0636-1; IGC 15520J	ADOPTED GRAVITY VALUE: g = 980 211.78 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located near Valentine, Nebraska, at the Valentine Airport.

Observations were made in the Administration Building, near the northeast corner, 5 feet east of the north entrance to the waiting room.

The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05111

801

ACIC HQ FORM FEB 69 0-415

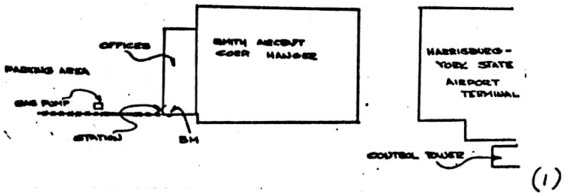
GRAVITY BASE STATION

LATITUDE 40° 13.3' N (1)	STATION DESIGNATION HARRISBURG
LONGITUDE 76° 51.3' W (1)	
ELEVATION 102.570 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 0638-1	ADOPTED GRAVITY VALUE: g= 980 133.43 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: Nov/1967

DESCRIPTION AND/OR SKETCH

The station is at the Harrisburg Airport. It is at the southwest corner of the Smith Aircraft Corp. hangar, the hangar west of the building closest to the control tower.

The site is below the "Office Entrance" sign. A USC&GS BM disk is on the south face of the building at the same corner. (1)



(1)

REFERENCE SOURCE

(1) 02616

ACIC HQ FORM FEB 69 O-415

802

GRAVITY BASE STATION

LATITUDE 34° 50.43'N (1)	STATION DESIGNATION NEEDLES
LONGITUDE 114° 36.34'W (1)	
ELEVATION 147.1 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0639-1		g= 979 622.50 mgals	
C 287			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At the City Hall building (formerly A.T.&S.F. Employees Hall) in Needles, on the sidewalk just north of the front steps and on the east side. Reading on sidewalk 5.8 feet below disc which is in the top of the east bannister. Disc stamped USC&GS "Needles". (1)

REFERENCE SOURCE

(1) 02665

803

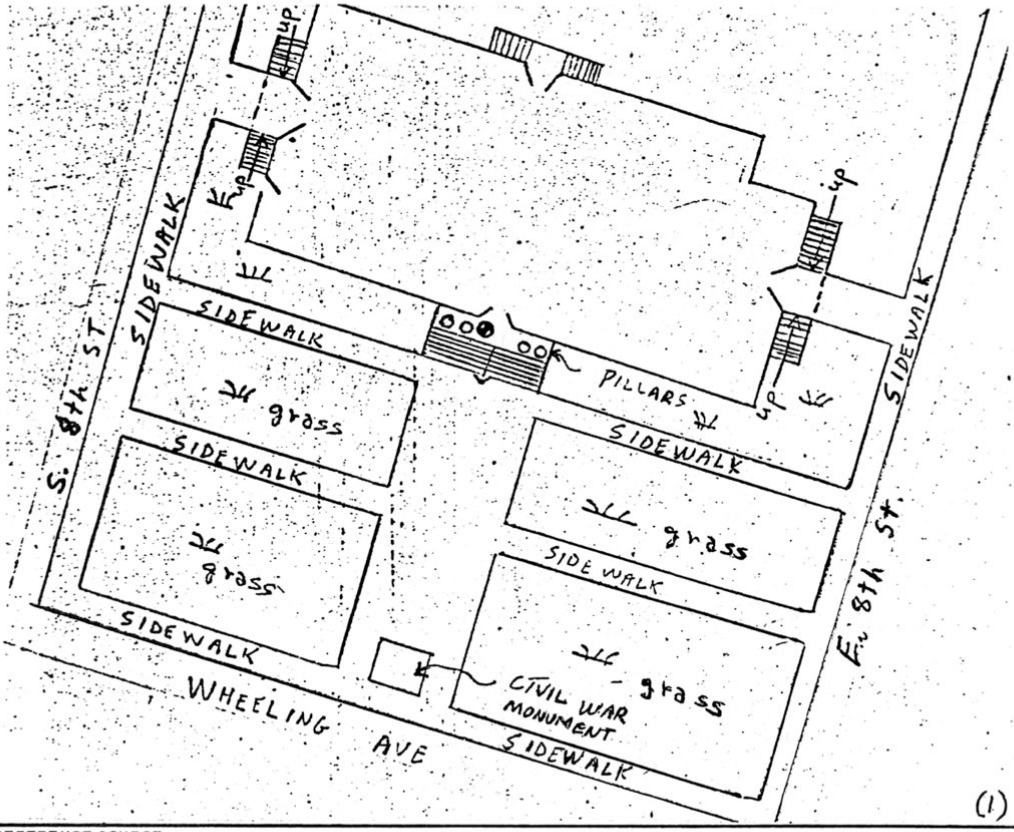
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 01.52'N (1)	STATION DESIGNATION CAMBRIDGE
LONGITUDE 81° 35.28'W (1)	
ELEVATION 265.5 METERS (1)	COUNTRY/STATE USA/Ohio
REFERENCE CODE NUMBERS: ACIC 0641-1; IGB 15301B	ADOPTED GRAVITY VALUE: g= 980 088.00 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 1/70

DESCRIPTION AND/OR SKETCH

The station is in Cambridge, at the Guernsey County Courthouse, at the Wheeling Avenue entrance. At the top of the entrance stairs, directly in front of the westernmost door, on the concrete. The station is monumented with a brass disk inscribed "USGS BM-OHIO-885". (1)



(1)

REFERENCE SOURCE

(1) 05104

ACIC HQ FORM FEB 69 O-415

804

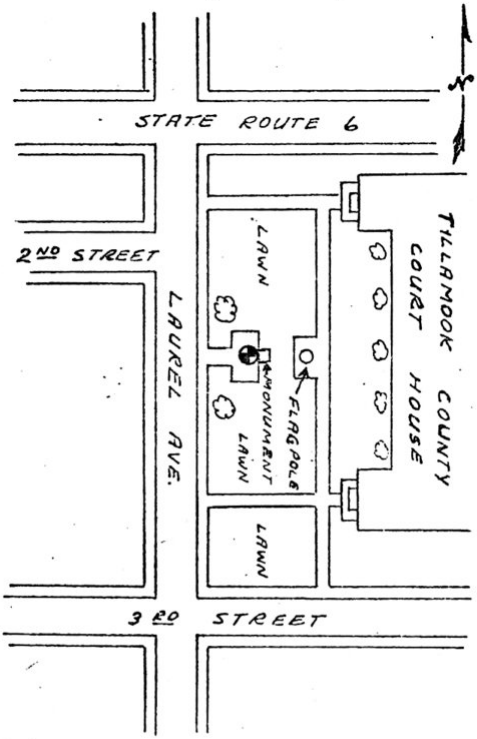
GRAVITY BASE STATION

LATITUDE 45° 27.4'N (1)	STATION DESIGNATION TILLAMOOK
LONGITUDE 123° 50.5'W (1)	
ELEVATION 4.9 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 0643-2; IGB 15753B	ADOPTED GRAVITY VALUE: g= 980 699.95 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Tillamook, Oregon, at the Tillamook County Courthouse on the west side of the courthouse, at the center on front side of building, about 24 feet west of flagpole and at base of a small bronze plaque monument at sidewalk level.

The station is located in Tillamook, Oregon on Laurel Avenue, between 2nd and 3rd Streets. (1)



REFERENCE SOURCE

(1) 03682

805

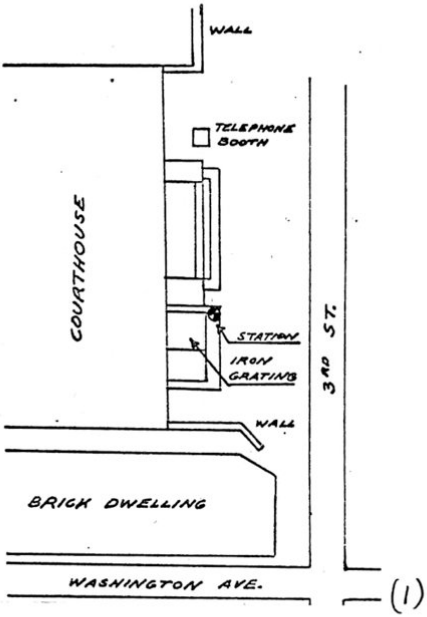
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 39° 16.8'N (1)	STATION DESIGNATION CLARKSBURG
LONGITUDE 80° 21.2'W (1)	
ELEVATION 307.93 METERS (1)	COUNTRY/STATE USA/West Virginia
REFERENCE CODE NUMBERS: ACIC 0644-1	ADOPTED GRAVITY VALUE: g= 980 009.48 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at Clarksburg, Harrison County, at the County Courthouse, 10 feet south of the center of the third street entrance, on the top of the northeast corner of a concrete wall around a basement window, and one foot higher than sidewalk. Station is monumented with a standard disk stamped "V9 1933". (1)



REFERENCE SOURCE

(1) 02557

ACIC HQ FORM FEB 69 O-415

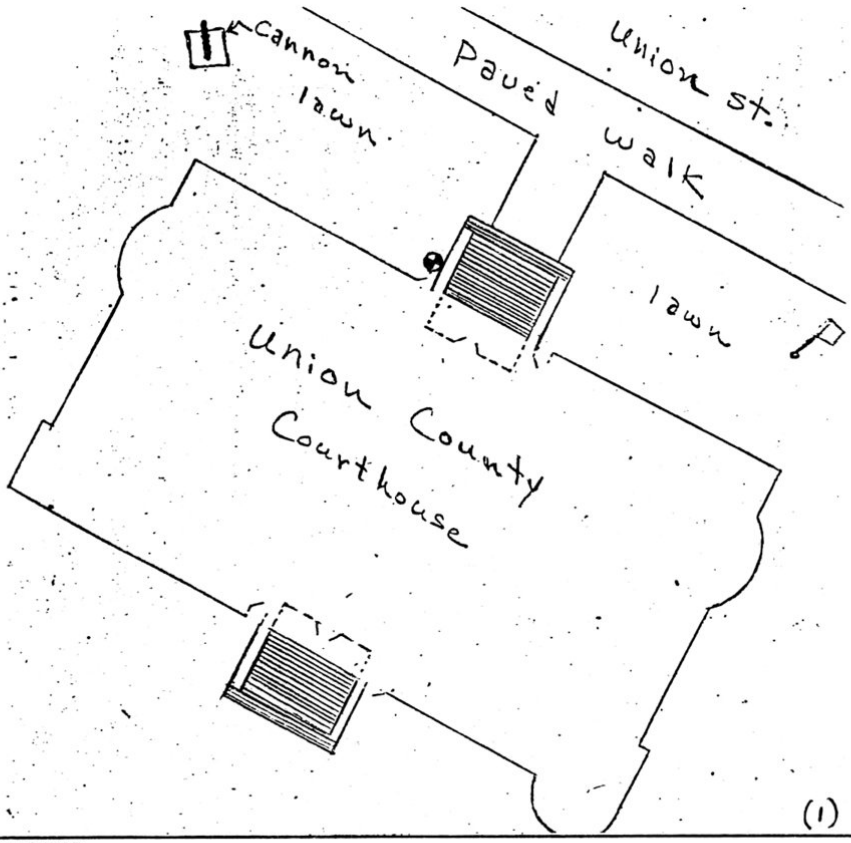
806

GRAVITY BASE STATION

LATITUDE 39° 38.17'N (1)	STATION DESIGNATION LIBERTY
LONGITUDE 84° 55.85'W (1)	
ELEVATION 302.20 METERS (1)	COUNTRY/STATE USA/Indiana
REFERENCE CODE NUMBERS: ACIC 0646-1; IGB 11794B	ADOPTED GRAVITY VALUE: g= 980 051.82 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 6/70

DESCRIPTION AND/OR SKETCH

The station is in Liberty at the Union County Courthouse, near the main entrance on Union Street, on the northwest side of the main entrance steps directly in front of a small door. The station is 0.3 meter below a USGS disc set in the northwest step abutment and inscribed "K-1-1 1928". (1)



REFERENCE SOURCE

(1) 05104

807

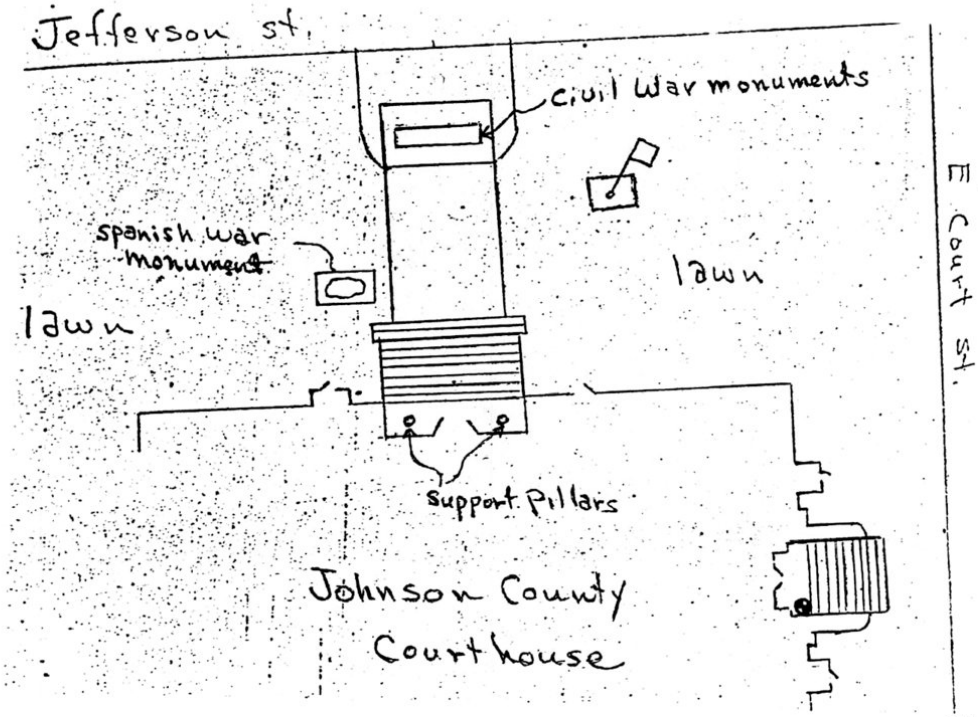
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 39° 28.80'N (1)	STATION DESIGNATION FRANKLIN
LONGITUDE 86° 03.32'W (1)	
ELEVATION 222.6 METERS (1)	COUNTRY/STATE USA/Indiana
REFERENCE CODE NUMBERS: ACIC 0647-1; IGB 11796B	ADOPTED GRAVITY VALUE: g= 980 079.29 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 6/70

DESCRIPTION AND/OR SKETCH

The station is in Franklin at the Johnson County Courthouse, at the main entrance on East Court Street, against the south wall of the entranceway, on the top concrete step. The station is monumented with a brass disc inscribed "USAF Gravity Station". (1)



(1)

REFERENCE SOURCE

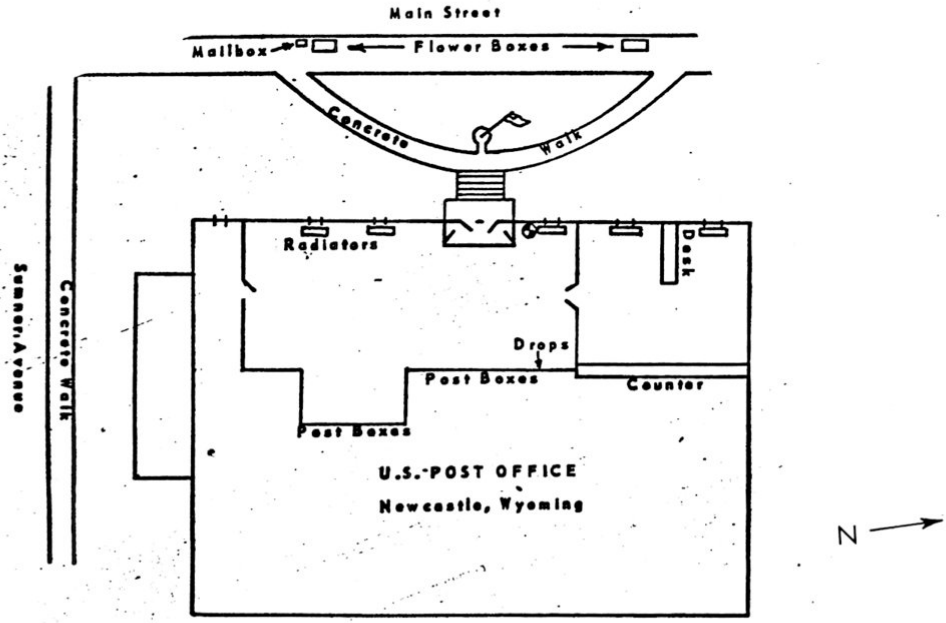
(1) 05104

GRAVITY BASE STATION

LATITUDE 43° 51.00'N (1)	STATION DESIGNATION NEWCASTLE
LONGITUDE 104° 12.00'W (1)	
ELEVATION 1321 METERS (1)	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0649-1	g= 980 142.48 mgals
IGB 15534 B	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Newcastle on Main Street at the corner of Sumner Avenue, at the U.S. Post Office, (a one story brick building), in the main lobby against the northwest (front) wall; about 2 meters northeast of the main entrance, between the entrance vestibule and first window northeast of the vestibule, on the terrazzo floor. (Described October 1966) (1)



(1)

REFERENCE SOURCE

(1) 05110

809

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 41° 17.5' N (1)	STATION DESIGNATION OBERLIN
LONGITUDE 82° 13.2' W (1)	
ELEVATION 248.0 METERS (1)	COUNTRY/STATE USA/Ohio

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0655-1		g= 980 213.3 mgals	
U 316			
		ESTIMATED ACCURACY	DATE
		± 0.6 mgals	MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

Station is located at Oberlin University, at Peters Hall, in northwest room of basement, on south pier. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 O-415

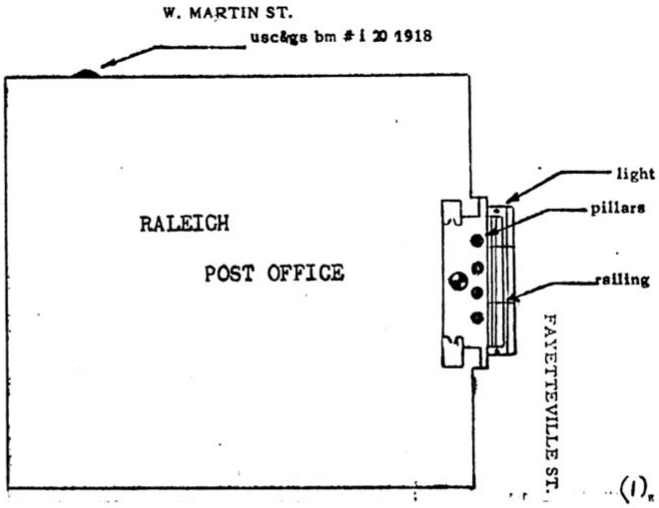
810

GRAVITY BASE STATION

LATITUDE 35° 52' N (1)	STATION DESIGNATION RALEIGH
LONGITUDE 78° 47' W (1)	
ELEVATION 112.0 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 0656-1; IGC 11658B	ADOPTED GRAVITY VALUE: g= 979 783.39 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Raleigh at the main Post Office on Fayetteville St., at the east entrance, at the top of the landing, between the middle two pillars and the wall, on the concrete. (1)



(1)

REFERENCE SOURCE

(1) 02733

811

ACIC HQ FORM FEB 69 0-415

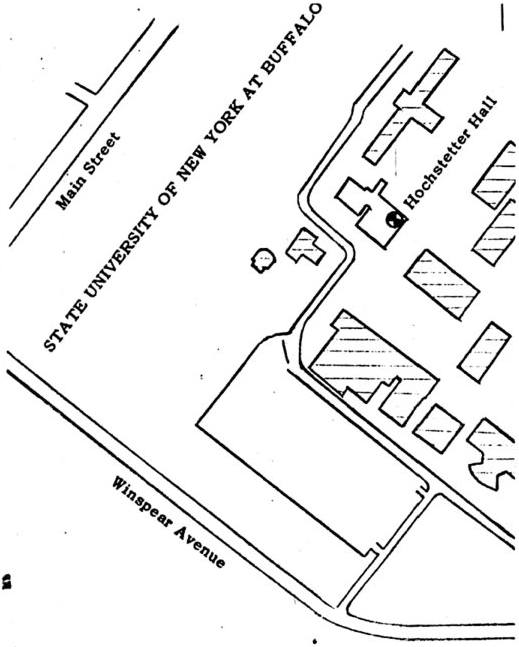
GRAVITY BASE STATION

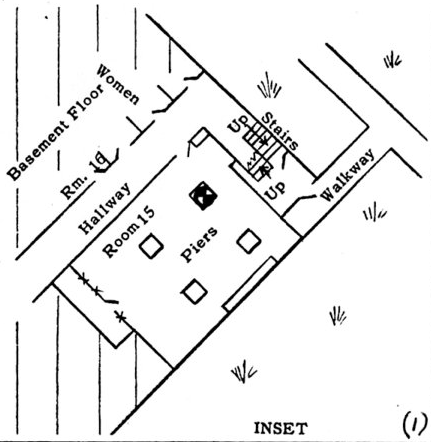
LATITUDE 42° 57.50' N (1)	STATION DESIGNATION BUFFALO
LONGITUDE 78° 49.00' W (1)	
ELEVATION 175.00 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 0657-1; IGC 15228A	ADOPTED GRAVITY VALUE: g= 980 365.96 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in northeast Buffalo on the "State University of New York at Buffalo" campus, near the west corner, at Hochstetter Hall (1885), in the new (1955) wing basement (one floor below ground level), in room 15, at the northernmost of four piers (nearest the entrance door), on the 0.6 meter square 1.5 meter high concrete pier.

Station is monumented with a National Gravity Base Disk. (1)





INSET (1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 0-415

81.2

GRAVITY BASE STATION

LATITUDE 44° 18.8'N (1)	STATION DESIGNATION BUFFALO
LONGITUDE 106° 41.3'W (1)	
ELEVATION 1445 METERS (1)	COUNTRY/STATE USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0663-1		g= 980 114.2 mgals	
U 368			
		ESTIMATED ACCURACY	DATE
		± 0.6 mgals	MONTH/YEAR August/1967

DESCRIPTION AND/OR SKETCH

Station is located 1.85 miles south along U.S. Highway 87E from Star Cabin Camp at south limit of Buffalo, in pasture 328 feet west of highway, and 656 feet southeast of a small hill. (1)

REFERENCE SOURCE

(1) 00269

813

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 43° 30.03'N (1)	STATION DESIGNATION MIDWEST
LONGITUDE 106° 27.08'W (1)	
ELEVATION 1473.4 METERS (1)	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS: ACIC 0664-2, HUS 587	ADOPTED GRAVITY VALUE: g= 980 051.46 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: 9/70

DESCRIPTION AND/OR SKETCH

T 41N, R 80W, S 22

Along US Highway 87, 13.4 miles north of Midwest, 0.6 mile north of Johnson-Natrona county line, at the intersection of highway and a dirt crossroad in the northwest corner stamping BM "N 40 1934", BM elevation: 4834.075 feet. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

814

GRAVITY BASE STATION

LATITUDE 30° 20.6' N (1)	STATION DESIGNATION CLEVELAND
LONGITUDE 95° 05.5' W (1)	
ELEVATION 49.1 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0665-0; U 407	ADOPTED GRAVITY VALUE: g= 979 335.2 mgals
	ESTIMATED ACCURACY: ± 0.6 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located in Cleveland, Texas, one block south and one block west of the Anderson Hotel, back of Mrs. Arrendell's house.

Observations were made 8.1 meters north of the north side of Mrs. Arrendell's house, 3.0 meters east of the southeast corner of the garage, and 21.5 meters west of a standard gravity mark stamped "CLEVELAND 1936." The gravity mark is located 13 paces northeast of the northeast corner of Mrs. Arrendell's house and 12 paces west of the centerline of the street. (1)

REFERENCE SOURCE

(1) 00269

815

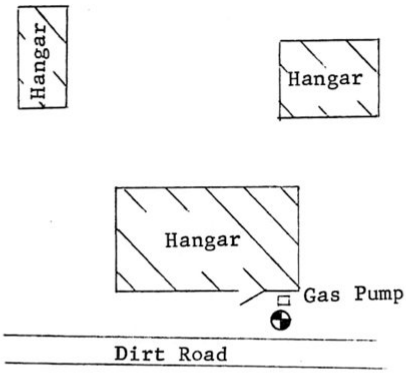
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 45° 11.50' N (1)	STATION DESIGNATION RED LODGE
LONGITUDE 109° 15.50' W (1)	
ELEVATION 1706.9 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 0666-1; IGC 15559T	ADOPTED GRAVITY VALUE: g= 980 122.99 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at the Red Lodge Airport, Mont., two feet south from the gasoline pump in front of the office door. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 O-415

816

GRAVITY BASE STATION

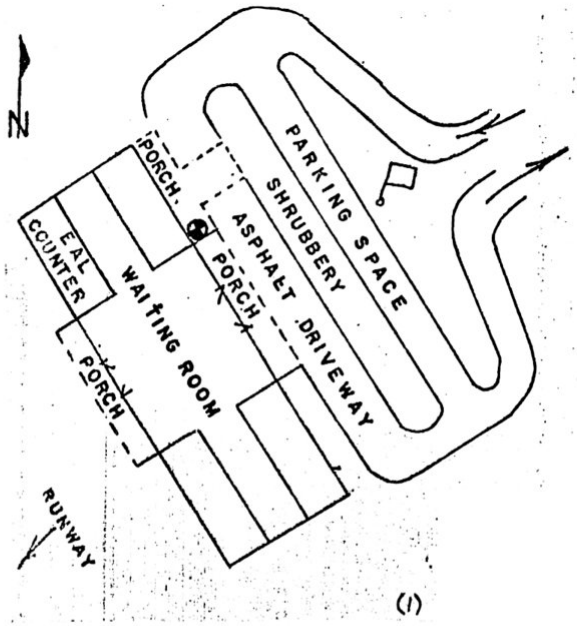
LATITUDE 29° 10' N (1)	STATION DESIGNATION OCALA
LONGITUDE 82° 13' W (1)	
ELEVATION 24.7 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 0672-2; IGC 08192M	ADOPTED GRAVITY VALUE: g = 979 258.56 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located at Jim Taylor Field. To get to the field, go 2 miles west of Ocala on Fla. 220, turn right at the sign and go 3½ miles; airport will be on the left.

The observations were taken at the west entrance to the terminal waiting room, two feet north of the glass front; on the north side of a four foot abutment; in the corner, on the concrete sidewalk.

A brass marker placed in the corner is inscribed "Ocala S-1". (1)



(1)

REFERENCE SOURCE

(1) 05109

817

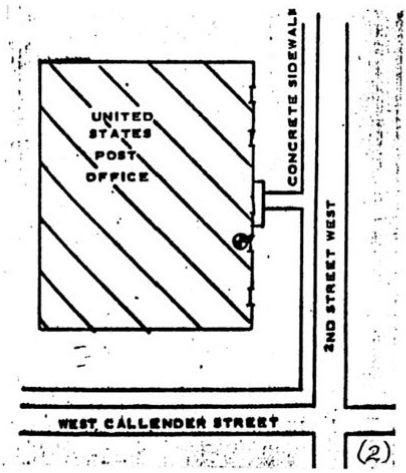
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 45° 39.75' N (1)	STATION DESIGNATION LIVINGSTON
LONGITUDE 110° 33.75' W (1)	
ELEVATION 1372.51 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 0673-0; IGC 15650B	ADOPTED GRAVITY VALUE: g= 980 246.61 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at the new U. S. Post Office, at the corner of 2nd St. and West Callender St., in Livingston, Mont., directly over USC&GS BM W31. The BM is set on the window sill of the first window south (left) of the main entrance to the Post Office, approximately 4 feet above the level of the sidewalk. The standard disk is stamped "4502.967 W 31 1923". (1)



REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 0-415

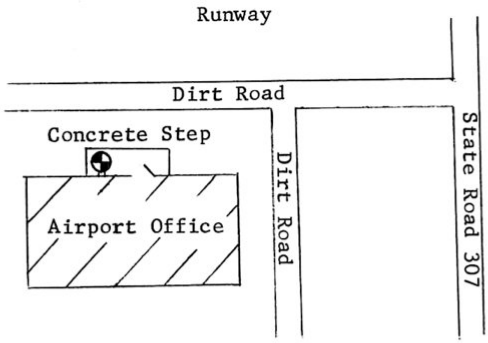
818

GRAVITY BASE STATION

LATITUDE 45° 38.00' N (1)	STATION DESIGNATION COLUMBUS
LONGITUDE 109° 15.00' W (1)	
ELEVATION 1089.7 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 0676-0; IGC 155590	ADOPTED GRAVITY VALUE: g = 980 330.28 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at the airport in Columbus, Mont., on the concrete step at the entrance to the airport office, directly beneath the wall telephone. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

819

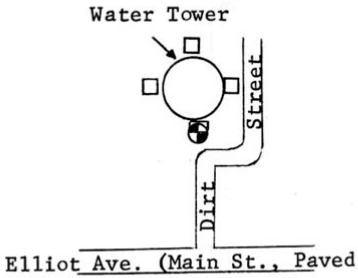
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 46° 17.50' N (1)	STATION DESIGNATION HYSHAM
LONGITUDE 107° 13.50' W (1)	
ELEVATION 810.99 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0681-0	g= 980 491.90 mgals
IGC 155670	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located directly over USC&GS BM "D 394 1958". The BM is located on the SE corner of the south concrete footing of the city water tower, about 0.25 mile NE of the Northern Pacific Railroad Station. The mark is a standard disk set about level with the ground. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 O-415

820

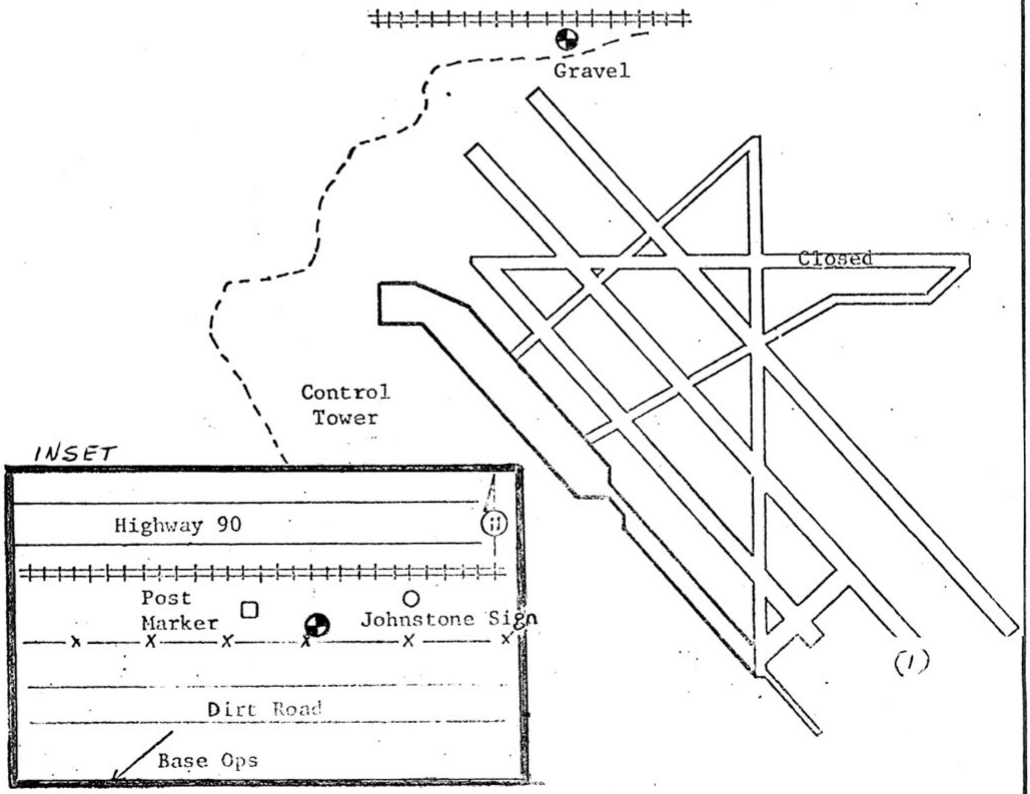
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
29° 22.63'N (1)	DEL RIO
LONGITUDE	
100° 46.16'W (1)	
ELEVATION	**COUNTRY/STATE**
326.74 METERS (1)	USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0694-2		g= 979 180.64 mgals	
IGB 08390J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located 8.5 miles east of Del Rio, Texas, at Laughlin AFB, south of the Southern Pacific Railroad tracks at Johnstone Siding, 49 feet east of the station board and 10 feet north of the wire fence, which is located between the railroad tracks and the dirt road. The triangulation mark is set on a concrete block. (1)



REFERENCE SOURCE

(1) 03405

821

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 31° 22.7'N (1)	STATION DESIGNATION MEGARGEL
LONGITUDE 87° 25.4'W (1)	
ELEVATION 118.6 METERS (1)	COUNTRY/STATE USA/Alabama
REFERENCE CODE NUMBERS: ACIC 0695-1; U 749	ADOPTED GRAVITY VALUE: g= 979 407.9 mgals
	ESTIMATED ACCURACY: ± 0.6 mgals; DATE: MONTH/YEAR 8/69

DESCRIPTION AND/OR SKETCH

Station is located 70 feet east of the centerline of State Highway 11, 265 feet south of centerline of road crossing highway. Station is 204 feet south of southwest corner of Megargel Cash Store. From the station, the following magnetic bearings were observed: northeast corner Frisco station house, S 25°E, Frisco railroad switch S 58°E, south gable of Methodist Church N 79°W, and station mark 42 feet due west. Station mark is a standard gravity mark stamped "MEGARGEL 1937" and set in 6 inch concrete monument, set 3 1/2 feet in ground and extending 4 inches above ground. Mark is located approximately on east side of State Highway 11 right-of-way, 30 feet east of centerline of road, and 253 feet south of concrete head wall at southeast corner of crossroads at Megargel.

(1)

REFERENCE SOURCE

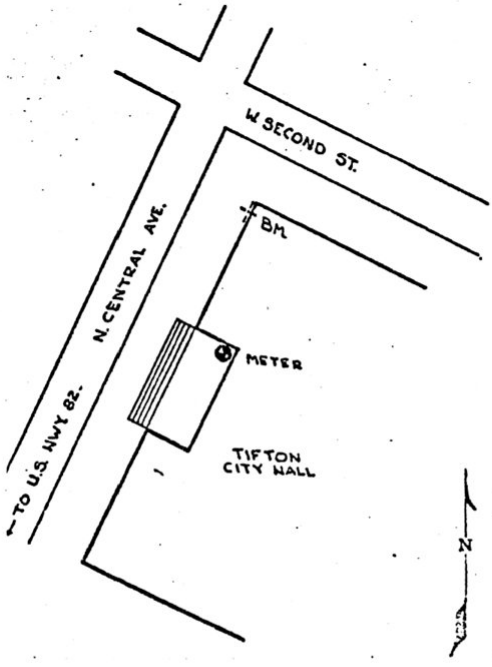
(1) 00269

GRAVITY BASE STATION

LATITUDE 31° 27.3'N (1)	STATION DESIGNATION TIFTON
LONGITUDE 83° 30.6'W (1)	
ELEVATION 112.95 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 0707-2	ADOPTED GRAVITY VALUE: g= 979 472.74 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 11/70

DESCRIPTION AND/OR SKETCH

Gravity base station is located in Tifton, Georgia at the intersection of North Central Avenue and West 2nd Street at Tifton City Hall at the northwest corner of the porch. (1)



(1)

REFERENCE SOURCE

(1) 03033

823

ACIC HQ FORM FEB 69 O-415

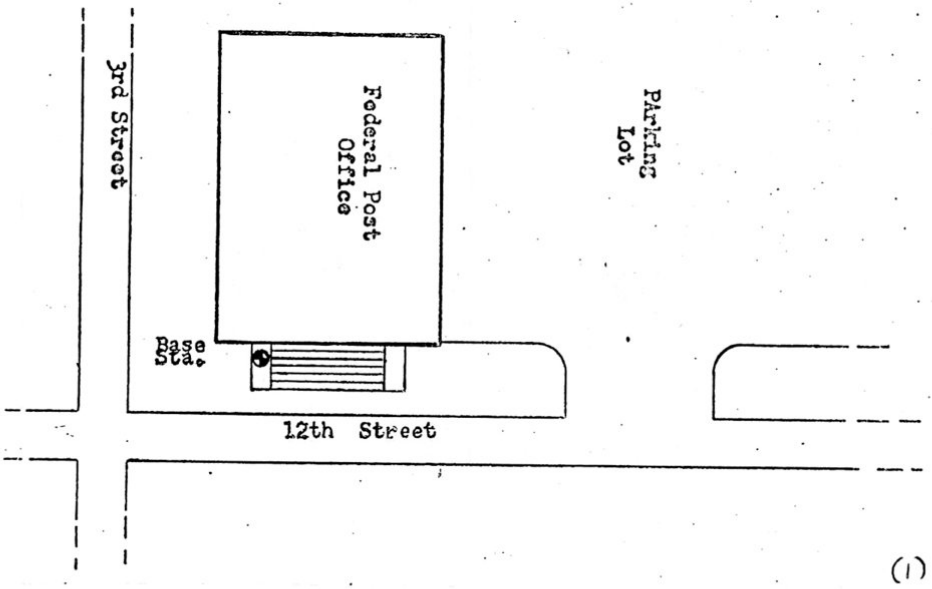
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
32° 28.10'N (1)	COLUMBUS
LONGITUDE	
84° 59.50'W (1)	
ELEVATION	**COUNTRY/STATE**
75.90 METERS (1)	USA/Georgia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0710-3			
IGB 11724B		g= 979 521.08 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Gravity Base is located in Columbus, Georgia at the Post Office on the northeast corner of 12th Street & 3rd Avenue, on the west side of the steps, and is even with the top step. The station is a standard BM (B 200) Disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

824

GRAVITY BASE STATION

LATITUDE 39° 40.5' N (1)	STATION DESIGNATION ELM
LONGITUDE 74° 50.6' W (1)	
ELEVATION 39.6 METERS (1)	COUNTRY/STATE USA/New Jersey

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0725-1		g= 980 146.8 mgals	
U 956			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located in a gravel pit approximately 0.8 miles southwest of Elm, and 0.2 mile northwest of the road connecting Elm and Winslow Junction. Triangulation station Baker 1935 was used as a mark, since the gravel pit occupied was in active use. The mark is a standard triangulation station disk set in the top of a concrete post, located on a low knoll near Winslow Junction, on property of Mrs. Jennie R. Baker, 18 paces west of center line of farm road, and 13 paces south of an 8-inch pine with a triangular blaze. Observations were made 145 feet N. 50° E. of the triangulation station and 157 feet north of Baker reference mark No. 1. (1)

REFERENCE SOURCE

(1) 00269

825

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 38° 37.2' N (1)	STATION DESIGNATION SANDOVAL
LONGITUDE 89° 07.0' W (1)	
ELEVATION 156.1 METERS (1)	COUNTRY/STATE USA/Illinois

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0735-0		g= 980 007.4 mgals	
U 972			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Oct/1968

DESCRIPTION AND/OR SKETCH

Station is located north of the town of Sandoval, 0.44 mile northerly from the Illinois Central Railroad station, between the railroad and U. S. Highway 51. The mark, a standard gravity mark stamped "SANDOVAL 1938" and set in the top of a concrete post projecting 8 inches above the ground, is on the westerly prolongation of U. S. Highway 50 across U. S. Highway 51, on the line of brush which divides two large fields, 673 ft. due east of the center line of the railroad tracks, and 688 ft. due west of the center line of U. S. Highway 51. The pendulum apparatus was set in the ground 174 ft. N 10° E. from the mark. Elevation of mark is 511.7 ft. (1)

REFERENCE SOURCE

(1) 00269

GRAVITY BASE STATION

LATITUDE 31° 10.6' N (1)	STATION DESIGNATION SIERRA BLANCA
LONGITUDE 105° 21.3' W (1)	
ELEVATION 1372.3 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0736-1; U 998	ADOPTED GRAVITY VALUE: g= 979 007.3 mgals
	ESTIMATED ACCURACY: ± 0.5 mgals; DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located in the town of Sierra Blanca, on the easterly side of Archie Street, and northeasterly from the railroad station, on the property of Mrs. L. B. Caruthers. The mark, a standard gravity mark stamped "SIERRA BLANCA 1939" and set in the top of a concrete post projecting one inch above the ground, is on a fence line, 483 feet N. 10° E. from the center line of the Texas & Pacific Railway main line tracks, 274 feet S.75°E from the center line of Archie Street, and 220 feet N. 70°E. from the northeasterly corner of the Methodist Church. Observations were made 84 feet S. 65° E. from the mark. (1)

REFERENCE SOURCE

(1) 00269

827

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 52.0'N (1)	STATION DESIGNATION DANIEL
LONGITUDE 110° 04.1'W (1)	
ELEVATION 2190.7 METERS (1)	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS: ACIC 0738-1; U 1063	ADOPTED GRAVITY VALUE: g= 979 752.9 mgals
	ESTIMATED ACCURACY: ± 0.6 mgals; DATE: MONTH/YEAR 8/69

DESCRIPTION AND/OR SKETCH

Station is located at the northeasterly edge of the town of Daniel, in the southwest 1/4 sec 35, T 34N, R 111W, on the easterly side of US Highway 89, and just northerly from Prairie Creek. The mark, a standard gravity mark stamped "DANIEL 1939" and set in the top of a concrete post projecting 2 inches above the ground, is 672 feet N 65°E from the center line of the highway, 55 feet N 15°W from the northerly bank of Prairie Creek, 30 feet N 15°W from the center line of a lane, 1 foot westerly from a fence line, and 501 feet east from the monument dedicated to Narcissa Whitman and Eliza Spalding, pioneer women missionaries in Wyoming, and consisting of a large boulder mounted on a concrete pedestal, with a bronze plaque on the westerly side. The pendulum apparatus was set in the ground 28 feet S 50°W from the mark. (1)

REFERENCE SOURCE

(1) 00269

GRAVITY BASE STATION

LATITUDE 47° 28.4'N (1)	STATION DESIGNATION BEMIDJI
LONGITUDE 94° 52.8'W (1)	
ELEVATION 417.27 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 0741-2	ADOPTED GRAVITY VALUE: g= 980 713.55 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Bemidji, Beltrawi County, near the corner of Sixth and Beltrami Streets, in the southeast corner of the courthouse square, 42 feet north of the centerline of 6th Street, 42.3 feet west of the centerline of Beltrami Street, and 1 foot south of an elm tree. A standard USC & GS disk stamped "C 9 1931" and set in the top of a concrete post. Station is on top of BM. (1)

REFERENCE SOURCE

(1) 03409

829

ACIC HQ FORM FEB 69 O-415

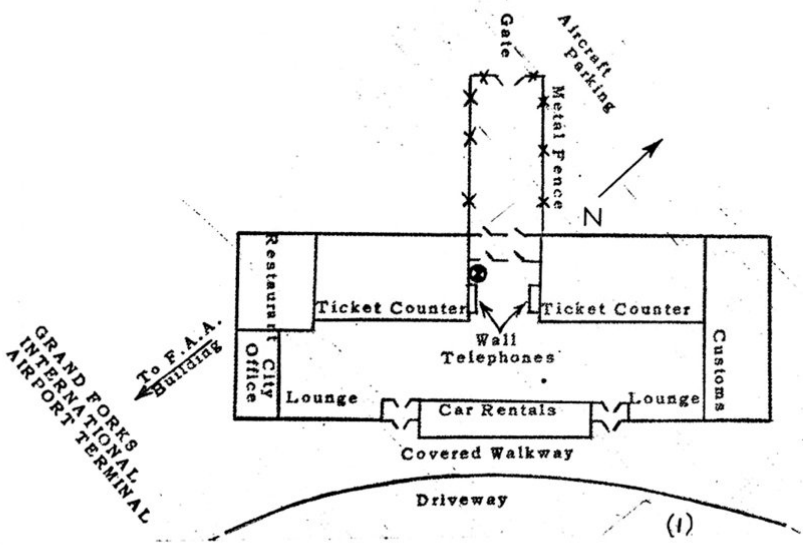
GRAVITY BASE STATION

LATITUDE 47° 57.00' N (1)	STATION DESIGNATION GRAND FORKS
LONGITUDE 97° 11.00' W (1)	
ELEVATION 257.00 METERS (1)	COUNTRY/STATE USA/North Dakota
REFERENCE CODE NUMBERS: ACIC 0743-0; IGC 15477M	ADOPTED GRAVITY VALUE: g= 980 805.69 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is about seven miles west of Grand Forks at the International Airport Terminal, at the field entrance, inside and one meter southwest of the innermost set of doors, in the corner, one meter northwest of the southernmost group of wall telephones, on the terrazzo floor.

Station is monumented with a U. S. National Gravity Base Disk. (1)



REFERENCE SOURCE

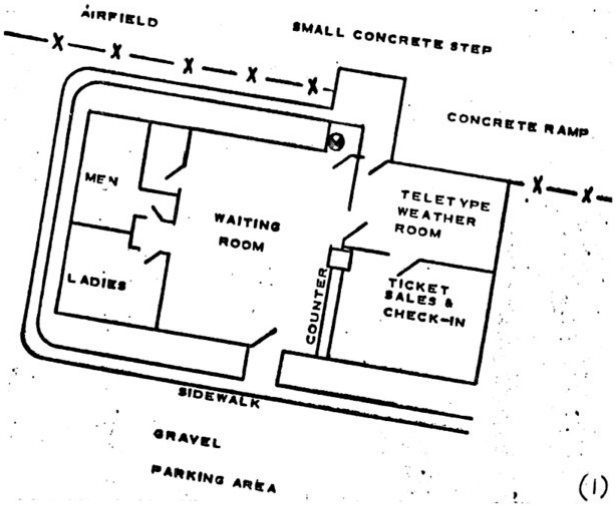
(1) 02733

GRAVITY BASE STATION

LATITUDE 48° 07' N (1)	STATION DESIGNATION DEVILS LAKE
LONGITUDE 98° 55' W (1)	
ELEVATION 442.0 METERS (1)	COUNTRY/STATE USA/North Dakota
REFERENCE CODE NUMBERS: ACIC 0744-1; IGC 15488J	ADOPTED GRAVITY VALUE: g= 980 786.27 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

Station is approximately one mile west of Devil's Lake, N. D., along highway 19, at the Devil's Lake Airport, on the field side of the terminal building, outside the main field entrance, on the southwest corner of a concrete step about 0.1 meter west of the field entrance door. Station is not marked. (1)



(1)

REFERENCE SOURCE

(1) 05099

831

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 48° 22.18'N (1)	STATION DESIGNATION RUGBY
LONGITUDE 99° 59.68'W (1)	
ELEVATION 474.3 METERS (1)	COUNTRY/STATE USA/North Dakota
REFERENCE CODE NUMBERS: ACIC 0745-2; HUS 1262	ADOPTED GRAVITY VALUE: g= 980 809.67 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 6/70

DESCRIPTION AND/OR SKETCH

T 156N, R 73W, S 1 (NW quarter)

In the town of Rugby, at the Great Northern railroad station, track level, at BM stamping: "C 3 Reset 1953" elevation 1556 feet.

(1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

832

GRAVITY BASE STATION

LATITUDE 46° 53.1'N (1)	STATION DESIGNATION DICKINSON
LONGITUDE 102° 47.3'W (1)	
ELEVATION 743.1 METERS (1)	COUNTRY/STATE USA/North Dakota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0746-1		g= 980 604.8 mgals	
U 1105			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR 8/69

DESCRIPTION AND/OR SKETCH

Station is located in the new high school yard in the city of Dickinson. A standard gravity reference mark stamped "DICKINSON 1940" is set near the westerly end of the top concrete step of the rear (northerly) entrance of the high school. It is 54 feet N 80°E from northwesterly corner of the building, 210 feet N 10°W from center line of West Fourth Street, 164 feet S 10°E from center line of West Fifth Street, 397 feet S 80°W from center line of West Third Avenue, and 183 feet N 80°E from center line of the alley along the westerly side of the school building. The midpoint between the two gravity instruments was 135 feet N 50°E from the mark. (1)

REFERENCE SOURCE

(1) 00269

833

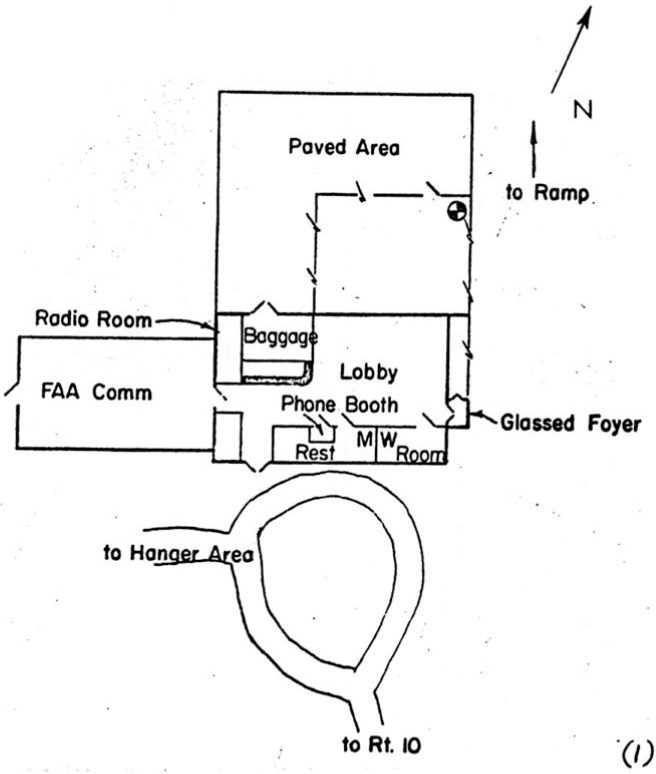
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 46° 56' N (1)	STATION DESIGNATION JAMESTOWN
LONGITUDE 98° 41' W (1)	
ELEVATION 456.6 METERS (1)	COUNTRY/STATE USA/North Dakota
REFERENCE CODE NUMBERS: ACIC 0747-0, WA 51	ADOPTED GRAVITY VALUE: g = 980 653.11 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

The station is at Jamestown Airport terminal building; on the concrete area, which is enclosed by the barrier fence, leading to the lobby entrance on the field side of building. Station is monumented with a brass disk inscribed "USAF Gravity Station" and lies at the NE corner of the barrier enclosure. (1)



(1)

REFERENCE SOURCE

(1) 02313

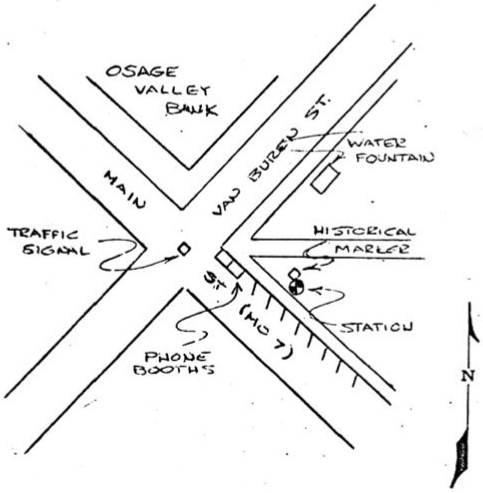
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
38° 14.5'N (1)	WARSAW
LONGITUDE	
93° 22.9'W (1)	
ELEVATION	**COUNTRY/STATE**
215.97 METERS (1)	USA/Missouri

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 0751-2	g= 979 933.76 mgals	
	ESTIMATED ACCURACY	DATE
	± 0.1 mgals	MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

At Warsaw, Benton County, at the courthouse square, 41 yards west of the southwest corner of the courthouse, 27 feet east of the east edge of the west sidewalk, 6 feet north of the north edge of the south sidewalk. A standard disk stamped "WARSAW 1934" and set in top of a concrete post. (1)



(1)

REFERENCE SOURCE

(1) 03417

835

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 35° 25' N (1)	STATION DESIGNATION TINKER AFB
LONGITUDE 97° 23' W (1)	
ELEVATION 393.5 METERS (1)	COUNTRY/STATE USA/Oklahoma
REFERENCE CODE NUMBERS: ACIC 0759-1	ADOPTED GRAVITY VALUE: g= 979 673.48 mgals
	ESTIMATED ACCURACY: ± 0.2 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is at Tinker Air Force Base, beside the yellow fire hydrant at south corner of hangar near Base Exchange Cafe. (1)

REFERENCE SOURCE

(1) 00653

ACIC HQ FORM FEB 69 O-415

836

GRAVITY BASE STATION

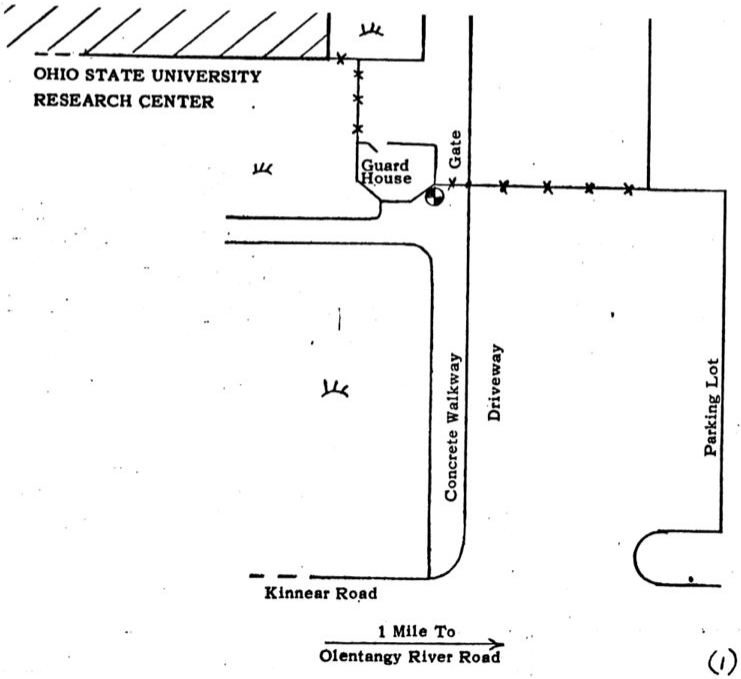
LATITUDE 39° 59.92' N (1)	STATION DESIGNATION COLUMBUS
LONGITUDE 83° 02.55' W (1)	
ELEVATION 245.00 METERS (1)	COUNTRY/STATE USA/Ohio

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0761-1		g = 980 095.10 mgals	
IGC 15303C			
WU 22			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is northwest of Columbus at the Ohio State University Research Center (on Kinnear Road, about one mile west of Olentangy River Road) near the southeastern corner of the building, at the main gate guardhouse, east side, at the west end of the gate, on the concrete walkway.

The station is monumented with a U. S. National Gravity Base Disk about one meter west, inside the guardhouse. (1)



(1)

REFERENCE SOURCE

(1) 02733

837

ACIC HQ FORM FEB 69 0-415

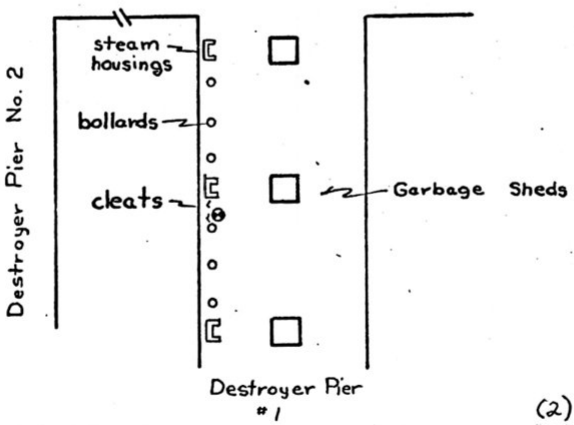
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
41° 31.7' N (1)	NEWPORT
LONGITUDE	
71° 18.9' W (1)	
ELEVATION METERS	COUNTRY/STATE
	USA/Rhode Island

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0763-1		g= 980 310.56 mgals	
NHO 47.02			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR May/1968

DESCRIPTION AND/OR SKETCH

U. S. Naval Base, Rhode Island, Destroyer Pier #1. North side of pier next to second cleat seaward of second steamhousing. (1)



(2)

REFERENCE SOURCE

(1) 00711 (2) 02632

ACIC HQ FORM FEB 69 0-415

838

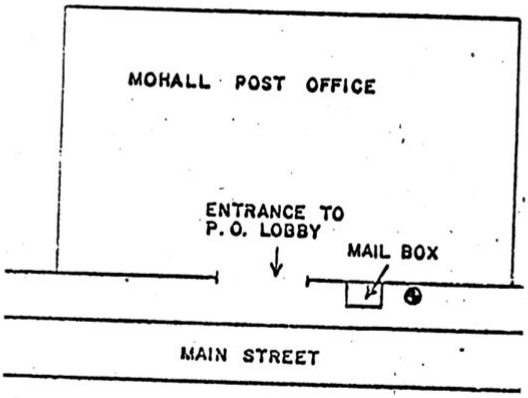
GRAVITY BASE STATION

LATITUDE 48° 46'N (1)	STATION DESIGNATION MOHALL
LONGITUDE 101° 31'W (1)	
ELEVATION 499.6 METERS (1)	COUNTRY/STATE USA/North Dakota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0764-1		g= 980 826.31 mgals	
IGB 15581K			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

The station is in front of the Mohall Post Office (which is on Main St.). It is to the east of the lobby entrance and is on the concrete sidewalk, 1 foot from the south P.O. wall and 2 feet from the outside mail box. Station is marked with a 3 inch USAF gravity disk. (1)



(1)

REFERENCE SOURCE

(1) 02313

839

ACIC HQ FORM FEB 69 0-415

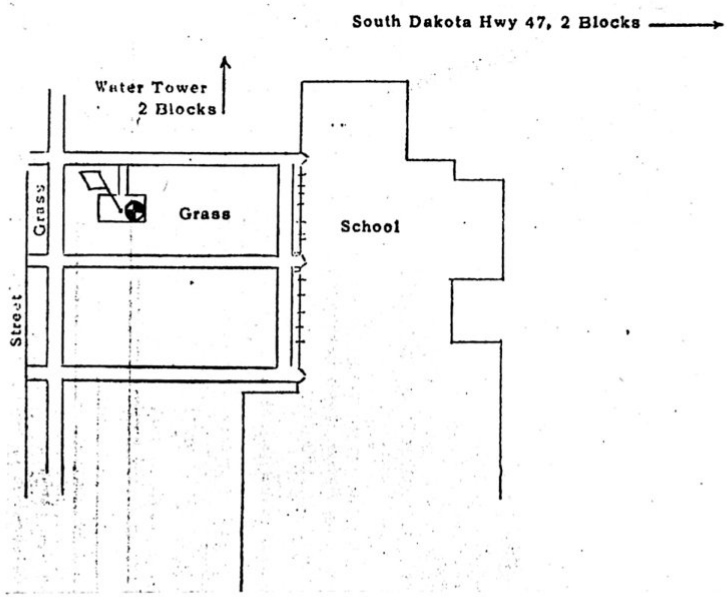
GRAVITY BASE STATION

LATITUDE 45° 27.10' N (1)	STATION DESIGNATION BOWDLE
LONGITUDE 99° 39.11' W (1)	
ELEVATION 610.86 METERS (1)	COUNTRY/STATE USA/South Dakota
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0765-1	g= 980 490.06 mgals
IGC 15459J	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The school is in Bowdle, South Dakota, at the front (west) side of Bowdle School.

Observations were made at the USC&GS BM "J27 1934" set in the concrete base of the flagpole which is 125 feet northwest of the main entrance to the school. (1)



(1)

REFERENCE SOURCE

(1) 05112

ACIC HQ FORM FEB 69 O-415

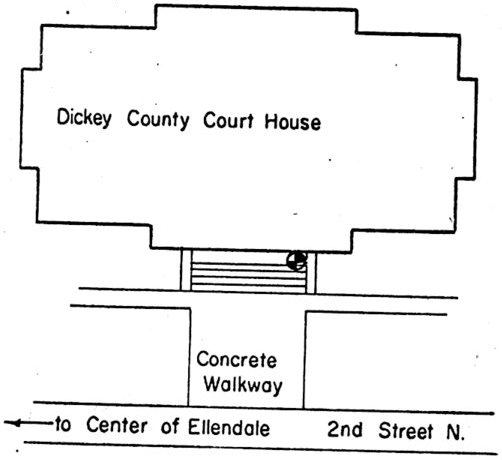
840

GRAVITY BASE STATION

LATITUDE 46° 00.3' N (1)	STATION DESIGNATION ELLENDALE
LONGITUDE 98° 31.1' W (1)	
ELEVATION 444.9 METERS (1)	COUNTRY/STATE USA/North Dakota
REFERENCE CODE NUMBERS: ACIC 0766-1	ADOPTED GRAVITY VALUE: g= 980 587.90 mgals
	ESTIMATED ACCURACY: ± 0.6 mgals — DATE: MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

Station is located in Ellendale at the Dickey County Court House, on the top sandstone step leading up to the south entrance of the building. Station is monumented with a USC&GS BM disk inscribed "T37 1934." (1)



(1)

REFERENCE SOURCE

(1) 02313

841

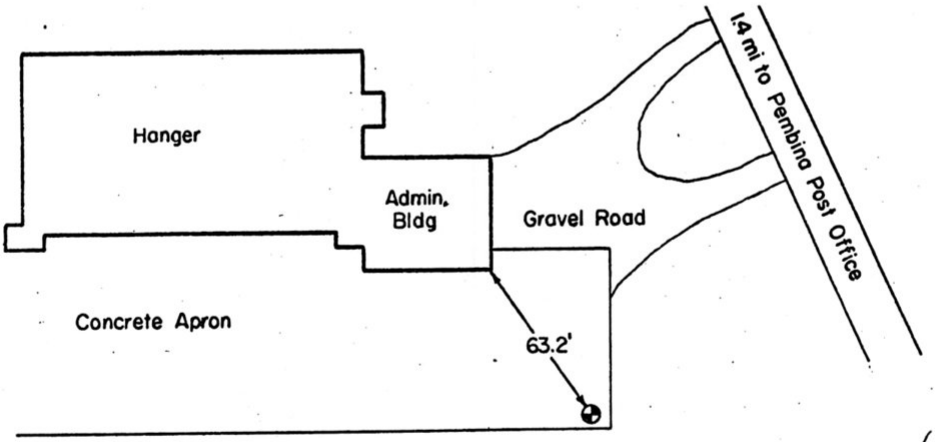
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 48° 56.90' N (1)	STATION DESIGNATION PEMBINA
LONGITUDE 97° 14.30' W (1)	
ELEVATION 241.2 METERS (1)	COUNTRY/STATE USA/North Dakota
REFERENCE CODE NUMBERS: ACIC 0767-1	ADOPTED GRAVITY VALUE: g= 980 916.19 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

Station is located at Fort Pembina Airport. Site is 63.2 feet southeast of the administration building and is monumented with a USC&GS reference mark stamped "Pembina 2 1950." (1)



(1)

REFERENCE SOURCE

(1) 02313

ACIC HQ FORM FEB 69 0-415

842

GRAVITY BASE STATION

LATITUDE 30° 17.8' N (1)	STATION DESIGNATION AUSTIN
LONGITUDE 97° 42.3' W (1)	
ELEVATION 192.33 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0768-0; WA 151	ADOPTED GRAVITY VALUE: g = 979 288.04 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

The station is in Austin at the Austin Municipal Airport, next to terminal, on concrete, at Gate 1. (1)

REFERENCE SOURCE

(1) 00916

843

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 31.5' N (1)	STATION DESIGNATION WOODS HOLE
LONGITUDE 70° 40.3' W (1)	
ELEVATION 2.5 METERS (1)	COUNTRY/STATE USA/Massachusetts

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0769-0		g= 980 326.41 mgals	
GW 77			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Apr/1968

DESCRIPTION AND/OR SKETCH

The station is at Woods Hole Oceanographic Institute, basement room G9B (ground floor) in the northeast corner (corner) of the main building. (2)

REFERENCE SOURCE

(1) 02728 (2) 00916

ACIC HQ FORM FEB 69 O-415

844

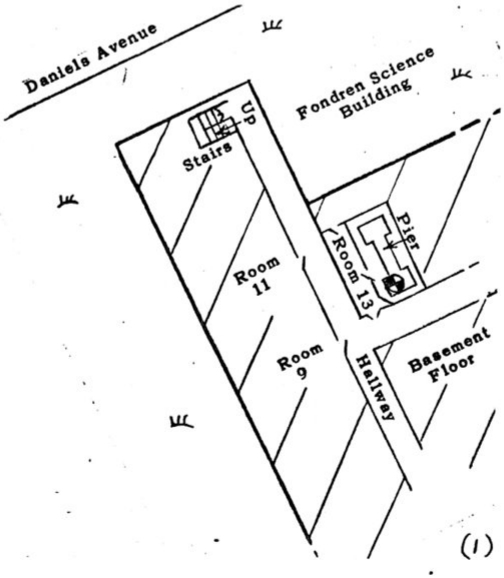
GRAVITY BASE STATION

LATITUDE 32° 50.70' N (1)	STATION DESIGNATION DALLAS
LONGITUDE 96° 46.60' W (1)	
ELEVATION 180.00 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0772-1; IGC 11826A	ADOPTED GRAVITY VALUE: g= 979 510.62 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is about five miles north of downtown Dallas at Southern Methodist University, at the north end of the campus, southeast of the intersection of Daniels Avenue and Athens Avenue, at the Fondren Science Building (built in 1950), in the northwest wing, in the basement floor, Room 13 (Seismic Laboratory), at the east side, on the one meter high, three meters long concrete pier, at the south end.

Station is monumented with a National Gravity Base Disk. (1)



REFERENCE SOURCE

(1) 02733

8H5

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 44° 05.4' N. (1)	STATION DESIGNATION LEWISTON
LONGITUDE 70° 13.7' W. (1)	
ELEVATION METERS	COUNTRY/STATE USA/Maine
REFERENCE CODE NUMBERS: ACIC 0775-1	ADOPTED GRAVITY VALUE: g = 980 527.2 mgals
	ESTIMATED ACCURACY: ± 0.5 mgals
	DATE — MONTH/YEAR: May/1968

DESCRIPTION AND/OR SKETCH

Station is located 30 feet west of the railroad station. (1)

REFERENCE SOURCE

(1) 03552

ACIC HQ FORM FEB 69 O-415

846

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
41° 57.46'N (1)	EDEN
LONGITUDE	
109° 21.78'W (1)	
ELEVATION	**COUNTRY/STATE**
2081.8 METERS (1)	USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0776-1		g= 979 714.79 mgals	
HUS 494			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 23N, R 106W, S 13-24 border

Along US Highway (old) 187, 8.0 miles south of Eden, about 0.5 mile southeast of a refuge cabin, on the west side of the highway, across the highway from BM stamping: "6830.121 J 19 1933", elevation 6830.354 feet. (1)

REFERENCE SOURCE

(1) 04099

847

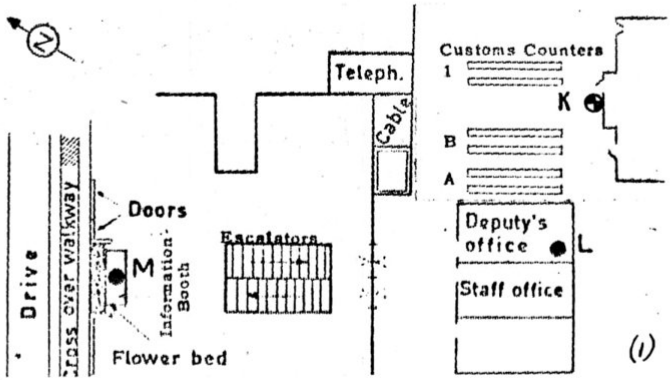
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 40° 38.60'N (1)	STATION DESIGNATION NEW YORK
LONGITUDE 73° 47.00'W (1)	
ELEVATION 4.60 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 0783-1; IGB 15203K	ADOPTED GRAVITY VALUE: g= 980 225.06 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in southern Queens at John F. Kennedy (formerly Idlewild) International Airport (at the northeast shore of Jamaica Bay), south of the control tower at the International Arrival Building, in the central part of the building, in the customs area, (southeast of the main lobby and the escalators), northeast of the Deputy's Office, southeast of the customs baggage counters, at the northwest wall of the partition (opposite the space between customs counters "B" and "I"), at a small (three meters wide) wass projection, one meter southwest of the door, on the floor. (1)



REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 O-415

848

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
41° 09.75'N (1)	SQUAW HOLLOW
LONGITUDE	
109° 36.35'W (1)	
ELEVATION	**COUNTRY/STATE**
1888.9 METERS (1)	USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0786-1		g= 979 681.72 mgals	
HUS 487			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 14N, R 108W, S 29

Along Highway 43 (State Highway 530) at center line of dirt road intersection (road leading to Squaw Hollow and Brinegar Ranch) east of BM "G17". BM elevation: 6196 feet. (1)

REFERENCE SOURCE

(1) 04099

849

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 48° 07.0'N (1)	STATION DESIGNATION PORT ANGELES
LONGITUDE 123° 25.9'W (1)	
ELEVATION 24 METERS (1)	COUNTRY/STATE USA/Washington

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0790-1		g= 980 875.1 mgals	
U 223			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at Port Angeles, at the county courthouse on Lincoln Street between Third and Fourth Streets, in the northernmost basement room. (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 O-415

850

GRAVITY BASE STATION

LATITUDE 38° 44.55'N (1)	STATION DESIGNATION ELKADER
LONGITUDE 100° 51.95'W (1)	
ELEVATION 894.0 METERS (1)	COUNTRY/STATE USA/Kansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0791-1		g= 979 796.14 mgals	
HUS 1328			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 15S, R 32W, S 15

Along US Highway 83, 3.7 miles south of Elkader, at the intersection of the highway and an east-west crossroad, in the northwest corner of the intersection, at BM stamping: "P 9 1933" BM elevation: 2932.583 feet. (1)

REFERENCE SOURCE

(1) 04099

851

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 39° 12.41'N (1)	STATION DESIGNATION OAKLEY
LONGITUDE 100° 52.28'W (1)	
ELEVATION 940.3 METERS (1)	COUNTRY/STATE USA/Kansas
REFERENCE CODE NUMBERS: ACIC 0794-1; HUS 1325	ADOPTED GRAVITY VALUE: g= 979 818.40 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 10S, R 32W, S 10 (NE quarter)

Along US Highway 83 (383) about 11.5 miles south of Halford, about 5.0 miles north of Oakley, at the junction of highway and an east-west crossroad, in the southwest corner of the intersection. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

852

GRAVITY BASE STATION

LATITUDE 39° 54.00'N (1)	STATION DESIGNATION OBERLIN
LONGITUDE 100° 32.00'W (1)	
ELEVATION 833.6 METERS (1)	COUNTRY/STATE USA/Kansas

REFERENCE CODE NUMBERS	
ACIC 0795-1	
HUS 1320	

ADOPTED GRAVITY VALUE

g= 979 907.23 mgals

ESTIMATED ACCURACY	DATE
± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 2S, R 29W, S 12 (NW quarter)

Along US Highway 83, 5.0 miles north of Oberlin, about 6.0 miles south of Cedar Bluffs, at a junction of the highway and an east-west crossroads, in the southeast corner of the intersection. (1)

REFERENCE SOURCE

(1) 04099

853

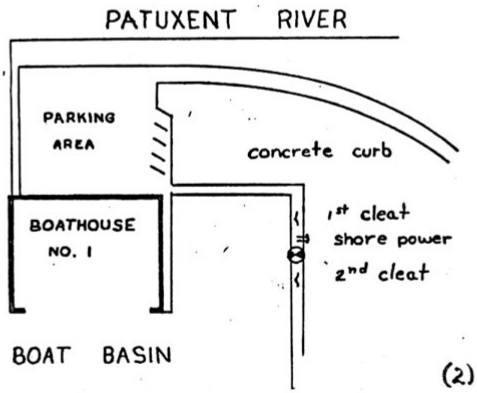
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 38° 18' N. (1)	STATION DESIGNATION PATUXENT
LONGITUDE 76° 26' W. (1)	
ELEVATION METERS	COUNTRY/STATE USA/Maryland
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0796-1	g= 980 031.16 mgals
NHO 01.12	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at the Patuxent Naval Air Station, Boathouse No. 1, between the first and second cleats on concrete curbing running alongside boat basin at boathouse No. 1. (2)



(2)

REFERENCE SOURCE

(1) 00712 (2) 02632

ACIC HQ FORM FEB 69 O-415

854

GRAVITY BASE STATION

LATITUDE 40° 15.93' N (1)	STATION DESIGNATION BIRDSBORO
LONGITUDE 75° 48.42' W (1)	
ELEVATION METERS	COUNTRY/STATE USA/ Pennsylvania
REFERENCE CODE NUMBERS: ACIC 0836-1	ADOPTED GRAVITY VALUE: g= 980 126.53 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located in the town of Birdsboro, on the top step, one foot south of front entrance to Birdsboro Post Office. (1)

REFERENCE SOURCE

(1) 02670

855

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 39° 45.62' N (1)	STATION DESIGNATION RAILROAD
LONGITUDE 76° 41.98' W (1)	
ELEVATION METERS	COUNTRY/STATE USA/Pennsylvania
REFERENCE CODE NUMBERS: ACIC 0838-1	ADOPTED GRAVITY VALUE: g= 980 131.50 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located in the town of Railroad; under Bench Mark 741, which is located in the northwest wall of the building in the southeast corner of the junction of Route 851 and the Pennsylvania Railroad. (1)

REFERENCE SOURCE

(1) 02670

ACIC HQ FORM FEB 69 O-415

856

GRAVITY BASE STATION

LATITUDE 36° 57.59'N (1)	STATION DESIGNATION MADERA
LONGITUDE 120° 03.64'W (1)	
ELEVATION 82.9 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0844-1		g= 979 837.06 mgals	
C 247			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at Madera County Court House on West Yosemite Avenue between H and G Streets, on the north wall 5 ft southwest of the northeast corner, on the sidewalk 2.3 feet below USGS disc stamped "274.560". (1)

REFERENCE SOURCE
(1) 02665

857

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 40° 01.25'N (1)	STATION DESIGNATION HALSTED FLATS
LONGITUDE 121° 04.21'W (1)	
ELEVATION 872.6 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS	
ACIC 0845-1	
C 27	

ADOPTED GRAVITY VALUE	
g= 979 859.02 mgals	
ESTIMATED ACCURACY	DATE
± 0.1 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at Halsted Flat, at USC&GS N-144, 5.4 miles west along State Highway 70 from Paxton, 50 feet north of the center line of the highway, opposite the junction of a road to Gray's Flat, on the disc. (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 0-415

858

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
38° 43.80'N (1)	PLACERVILLE
LONGITUDE	
120° 47.90'W (1)	
ELEVATION	**COUNTRY/STATE**
568.8 METERS (1)	USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0846-1		g= 979 868.48 mgals	
C 108			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at the El Dorado County Court House in Placerville, at the south entrance, in top of the west balustrade, on USC&GS disc "Placerville". (1)

REFERENCE SOURCE

(1) 02665

859

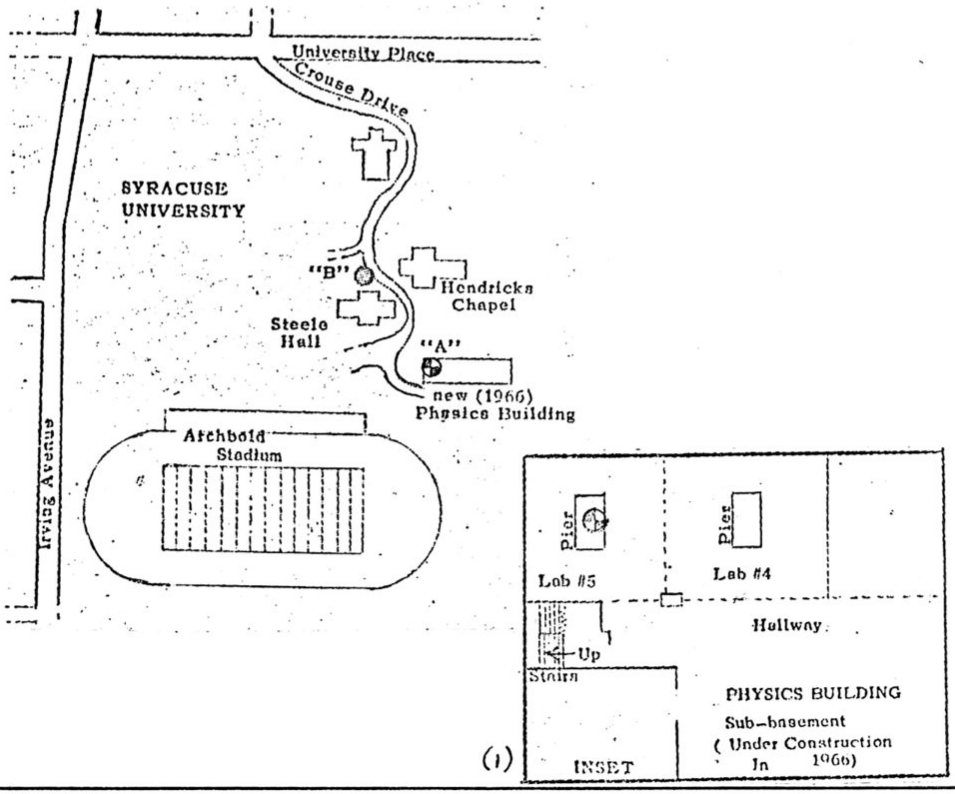
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 43°02.14'N (1)	STATION DESIGNATION SYRACUSE
LONGITUDE 76°08.14'W (1)	
ELEVATION 163.00 (1) METERS	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS DOD 0867-0 IGB 15236A	ADOPTED GRAVITY VALUE g= 980 382.10 mgals
	ESTIMATED ACCURACY: ± 0.2 mgals DATE — MONTH/YEAR: June 1974

DESCRIPTION AND/OR SKETCH

The station is in Syracuse on the Syracuse University campus, at the new (nearly completed in Nov 66) Physics Building (northeast of Archbold Stadium, southeast of Steel Hall, south of Hendericks Chapel), in the northwest corner of the sub-basement in laboratory number five (magnetic resonance), on the flush concrete (2.4x1.2 meters) pier which is near the center of the room(about 2.4 meters south of the north wall and 4.0 meters east of the west wall). (1)



REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 O-415

860

GRAVITY BASE STATION

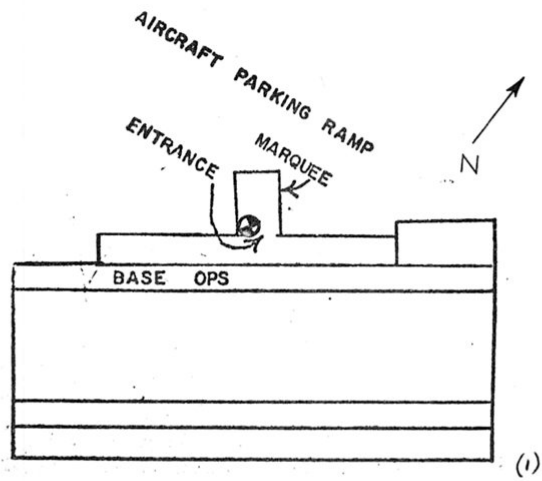
LATITUDE 30° 29'N (1)	STATION DESIGNATION EGLIN AFB
LONGITUDE 86° 31'W (1)	
ELEVATION 20.73 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 0869-0; IGB 11706J	ADOPTED GRAVITY VALUE: g= 979 366.09 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located at Eglin AFB, Florida. Observations were made on the concrete walk to the right (west) of the ramp entrance to Base Operations, under the marquee.

The point of observation is marked by red paint stenciled on concrete in 1" letters. A 3" brass disk stamped "USAF GRAVITY STATION EGLIN BASE OPS 1963" was cemented to the concrete adjacent to the stenciled letters.

This station was established by Air Force Cambridge Research Laboratory (AFCRL) during the period 1959-1962. (1)



(1)

REFERENCE SOURCE

(1) 05109

861

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 48° 25' N (1)	STATION DESIGNATION GLASGOW
LONGITUDE 106° 32' W (1)	
ELEVATION 841.25 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 0870-0	ADOPTED GRAVITY VALUE: g= 980 696.47 mgals
	ESTIMATED ACCURACY: ± 0.2 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is at Glasgow Air Force Base, field side, on concrete step at entrance to Base Operations, left side of step. (1)

REFERENCE SOURCE

(1) 00653

ACIC HQ FORM FEB 69 0-415

862

GRAVITY BASE STATION

LATITUDE 33° 33.32'N (1)	STATION DESIGNATION MECCA
LONGITUDE 116° 04.12'W (1)	
ELEVATION -62.9 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0871-1		g= 979 550.25 mgals	
C 331			
U 1019			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Approximately one mile south of Mecca, about 180 feet north of Avenue 68 and 60 feet east of a northeast - southwest road which connects Avenue 68 with State Highway 111. A standard gravity disc stamped "Mecca 1939". Reading on ground beside disc. (1)

REFERENCE SOURCE

(1) 02665

863

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 39° 49' N (1)	STATION DESIGNATION DAYTON
LONGITUDE 84° 03' W (1)	
ELEVATION 251.16 METERS (1)	COUNTRY/STATE USA/Ohio
REFERENCE CODE NUMBERS: ACIC 0873-1; WA 253	ADOPTED GRAVITY VALUE: g = 980 091.96 mgals
	ESTIMATED ACCURACY: ± 0.2 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is at Dayton at the Wright-Patterson Air Force Base, field side, 2 ft right of MATS passenger entrance, next to wall, under roof. (1)

REFERENCE SOURCE

(1) 00653

ACIC HQ FORM FEB 69 0-415

864

GRAVITY BASE STATION

LATITUDE 38° 33' N (1)	STATION DESIGNATION SCOTT AFB
LONGITUDE 89° 51' W (1)	
ELEVATION 138.07 METERS	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS ACIC 0875-0	ADOPTED GRAVITY VALUE g= 980 010.65 mgals
	ESTIMATED ACCURACY ± 0.1 mgals
	DATE MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

The station is at Scott Air Force Base, field side, 8 ft. to right of entrance to Base Operations, below fire alarm, on concrete walk. (1)

REFERENCE SOURCE

(1) 00653

865

ACIC HQ FORM FEB 69 0-415

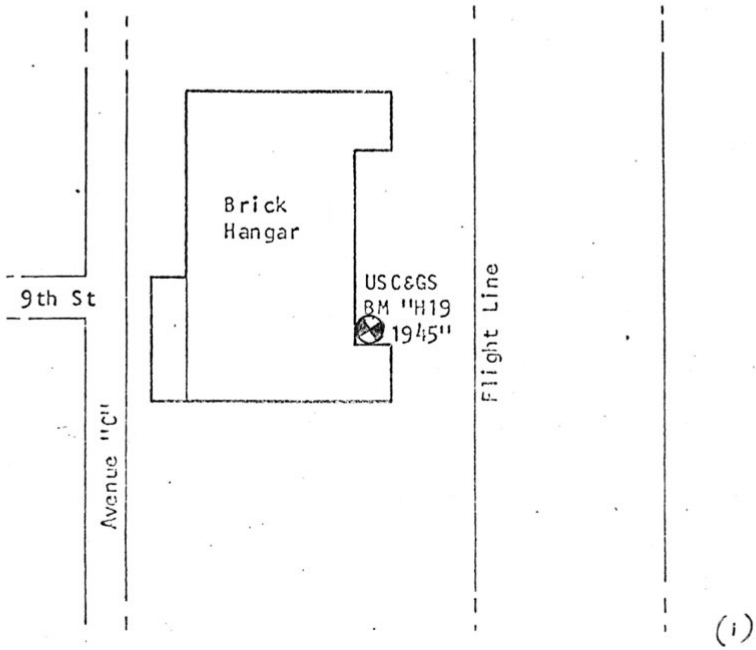
GRAVITY BASE STATION

LATITUDE 31° 25.86'N (1)	STATION DESIGNATION SAN ANGELO
LONGITUDE 100° 23.96'W (1)	
ELEVATION 570.3 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0884-2		g= 979 265.60 mgals	
IGB 11910J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located at Goodfellow AFB, east of San Angelo on the east side of a brick hangar (Building 431) facing the flight line. The station is marked with a standard USC & GS BM "H19 1945" set in a concrete slab near the southeast corner. (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

866

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
34° 51.6'N (1)	DAGGETT
LONGITUDE	
116° 52.7'W (1)	
ELEVATION	**COUNTRY/STATE**
610.51 METERS (1)	USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0890-1		g= 979 511.88 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.2 mgals	MONTH/YEAR March/1968

DESCRIPTION AND/OR SKETCH

The station is at Daggett, San Bernardino Co., 12½ rails E of the abandoned base of the old AT&SF RR station, 28 yards W of mileage post 737S, 43 ft S of the S rail, in the top of an abandoned 3½ x 5 ft concrete L-shaped engine foundation, 2 ft E of the W edge, and 1½ ft N of the S edge, about level with the surface and apt to be obscured by gravel and broken glass, within 2-3 ft of a red metal witness post with white metal identifier. Marked by a standard USC&GS disk stamped "G 293 1935". (1)

REFERENCE SOURCE

(1) 12209

867

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 44° 34.1'N (2)	STATION DESIGNATION CORVALLIS
LONGITUDE 123° 16.5'W (2)	
ELEVATION METERS	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 0892-1; NHO 7402	ADOPTED GRAVITY VALUE: g= 980 572.58 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 1/72

DESCRIPTION AND/OR SKETCH

The station is at Oregon State University, below bottom step at rear entrance to Physics-Chemistry Building next to parking lot.

(1)

REFERENCE SOURCE

(1) 02632 (2) 01110

ACIC HQ FORM FEB 69 O-415

868

GRAVITY BASE STATION

LATITUDE 35° 42' N	STATION DESIGNATION CHANDLER
LONGITUDE 96° 53' W	
ELEVATION METERS	COUNTRY/STATE USA/Oklahoma
REFERENCE CODE NUMBERS: ACIC 0894-0	ADOPTED GRAVITY VALUE: g= 979 709.09 mgals
	ESTIMATED ACCURACY: ± 0.2 mgals
	DATE: MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

The station is at Chandler, at right side of steps leading into town hall, on a level with the front lawn. (1)

REFERENCE SOURCE

(1) 00653

869

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 06.5' N (1)	STATION DESIGNATION STURBRIDGE
LONGITUDE 72° 03.9' W (1)	
ELEVATION METERS	COUNTRY/STATE USA/Massachusetts
REFERENCE CODE NUMBERS: ACIC 0895-1	ADOPTED GRAVITY VALUE: g= 980 329.35 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

The station is at the Federated Church of Sturbridge and Fiskdale on Route 131, on macadam, at NW corner of concrete steps leading to front entrance. (1)

REFERENCE SOURCE

(1) 12209

ACIC HQ FORM FEB 69 0-415

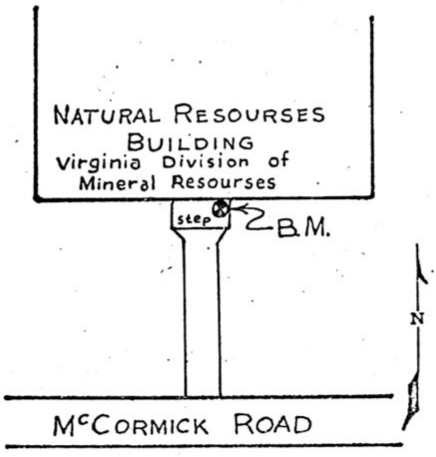
870

GRAVITY BASE STATION

LATITUDE 38° 02.1'N (1)	STATION DESIGNATION
LONGITUDE 78° 31.0'W (1)	CHARLOTTESVILLE
ELEVATION 181.06 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 0932-1	ADOPTED GRAVITY VALUE: g= 979 933.55 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/67

DESCRIPTION AND/OR SKETCH

Station is located at the University of Virginia, Engineering Bldg., 385 feet west-northwest of junction of McCormick and Alderman Roads; 92 feet north of McCormick Road, 4 feet east of front entrance, in first concrete step of west entrance of Natural Resources Bldg., Bench Mark stamped "106 MLS 1963 594." (1)



(1)

REFERENCE SOURCE

(1) 02750

871

ACIC HQ FORM 0-415

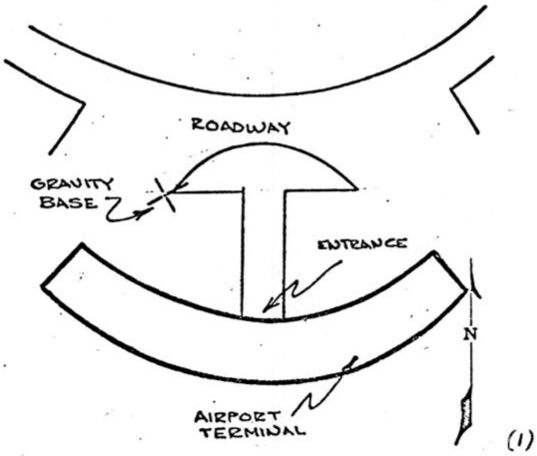
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
37° 19.3'N (1)	
LONGITUDE	
79° 58.0'W (1)	ROANOKE
ELEVATION	COUNTRY/STATE
357.8 METERS (1)	USA/Virginia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0933-1		g= 979 806.81 mgals	
IGB 11679J			
WA 168			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Observations were made on the sidewalk in front of the terminal building, on the northwest end of the walk, at the curb. (1)



REFERENCE SOURCE

(1) 02750

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 32° 40.1' N (1)	STATION DESIGNATION SALINE
LONGITUDE 95° 45.2' W (1)	
ELEVATION 143.1 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 0935-1; U 308	ADOPTED GRAVITY VALUE: g= 979 517.1 mgals
	ESTIMATED ACCURACY: ± 0.6 mgals
	DATE — MONTH/YEAR: Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located about 2½ miles directly west of gravity station U. S. 306, Saline No. 1. From Grand Saline, follow Terrell Road westward as far as the 2-mile sign, turn left, cross railroad and proceed south about 3/4 mile, then turn right and follow road about ½ mile to farmhouse on left. Station is about 600 feet east of the house and near the bank of a small run in a pasture east of a cotton field. The receiver was mounted on an aluminum tripod partly embedded in the ground.

In 1939, station was recovered as described. The mark is a standard gravity mark stamped "SALINE NO. 3, 1922-1939" and was set in the top of a concrete post 820 feet S. 65° E. of the station, near the northwest corner of Creagleville Cemetery, 46 feet S. 35° W. from the center line of the old Dallas-Shreveport road, 24 feet S. 75° W. from the center line prolonged of the Creagleville road, and 118 feet N. 25° W. from a prominent headstone bearing name of Arthur Wells.

The elevation of the mark is 468 feet.

The point occupied in 1939 is 120 feet S. 50° E. of the mark. (1)

REFERENCE SOURCE

(1) 00269

873

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 33° 39.3' N (1)	STATION DESIGNATION LUBBOCK
LONGITUDE 101° 48.9' W (1)	
ELEVATION 992.4 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0936-1		g= 979 321.94 mgals	
WA 68			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at the airport in Lubbock, Texas, at the barrier, Gate 3. (1)

REFERENCE SOURCE

(1) 00916

ACIC HQ FORM FEB 69 0-415

874

GRAVITY BASE STATION

LATITUDE 42° 43.8' N (2)	STATION DESIGNATION LANSING
LONGITUDE 84° 29.6' W (2)	
ELEVATION 256.0 METERS (2)	COUNTRY/STATE USA/Michigan

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0937-1		g= 980 348.95 mgals	
WU 17			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Oct./1968

DESCRIPTION AND/OR SKETCH

Station is located at Michigan State University, Physics and Math Building, at curb, in front of main entrance, in East Lansing. (1)

REFERENCE SOURCE

(1) 00916 (2) scaled from USGS 1:62,500 maps

875

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

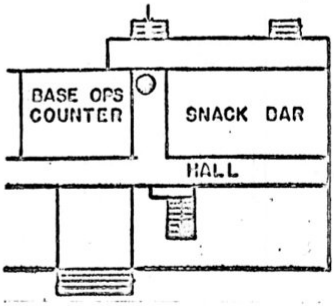
LATITUDE 32° 29' N (1)	STATION DESIGNATION BEAUFORT
LONGITUDE 80° 43' W (1)	
ELEVATION 11.5 METERS (1)	COUNTRY/STATE USA/South Carolina

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC-1017-0		g= 979 538.13 mgals	
IGC 11720J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Feb/1963

DESCRIPTION AND/OR SKETCH

Station is at the Marine Corps Air Station, Beaufort, S. C., on the tile floor of Base Operations, in the N.W. corner of the exit hall leading to the flight line. Floor is approximately three feet above field elevation of 38 feet. Station is monumented with a bronze disk inscribed "Gravity Base Station - BEAUFORT." (1)

Airfield



(1)

REFERENCE SOURCE

(1) 02752

ACIC HQ FORM FEB 69 0-415

876

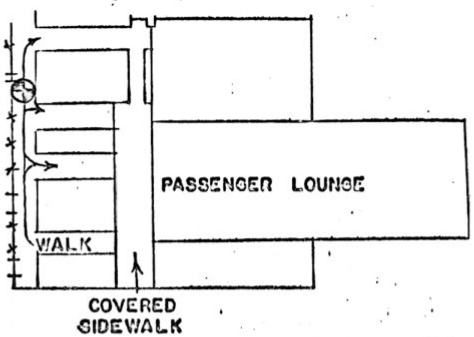
GRAVITY BASE STATION

LATITUDE 31° 09' N (1)	STATION DESIGNATION BRUNSWICK
LONGITUDE 81° 23' W (1)	
ELEVATION 6.5 METERS (1)	COUNTRY/STATE USA/ Georgia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1018-0		g = 979 448.51 mgals	
IGC 11711J			
WA 485		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is at St. Simons, at Malcolm McKinnon Airport Terminal, next to the ramp on the north side of the gate, directly in front of the passenger lounge at field level. The airport serves Sea Island, St. Simon, and Jekyll. Station is monumented with a bronze disk inscribed "Gravity Calibration Base - ST. SIMMONS, 1963." (1)



(1)

REFERENCE SOURCE

(1) 02752

877

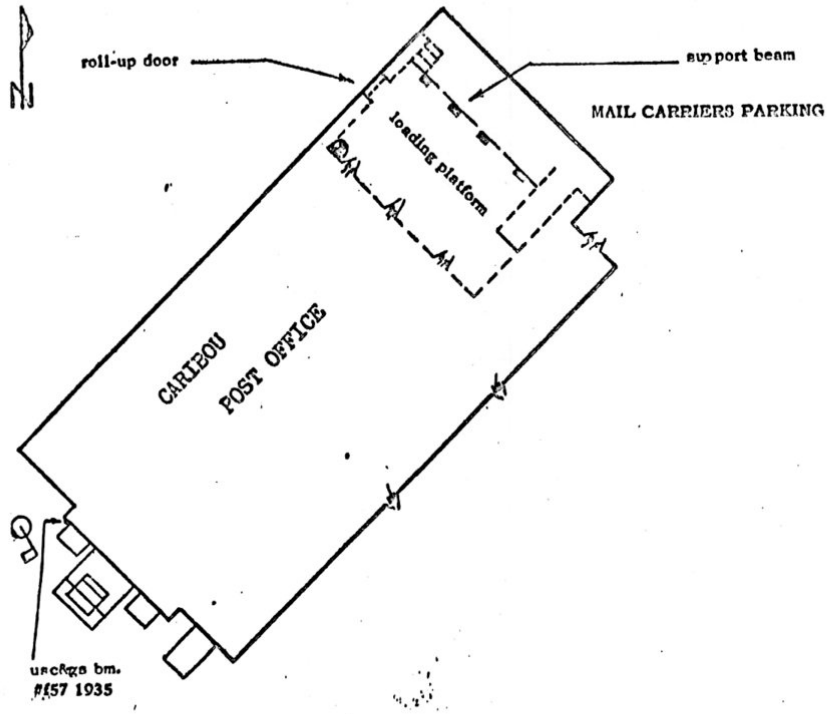
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 46° 57' N. (1)	STATION DESIGNATION CARIBOU
LONGITUDE 67° 53' W. (1)	
ELEVATION 135.3 METERS (1)	COUNTRY/STATE USA/Maine
REFERENCE CODE NUMBERS: ACIC 1021-0; IGC 15167B	ADOPTED GRAVITY VALUE: g = 980 739.62 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Feb/1963

DESCRIPTION AND/OR SKETCH

Station is in Caribou, at the Post Office, in the southwest corner of the rear loading platform, on the concrete dock. (1)



(1)

REFERENCE SOURCE

(1) 02752

ACIC HQ FORM FEB 69 0-415

878

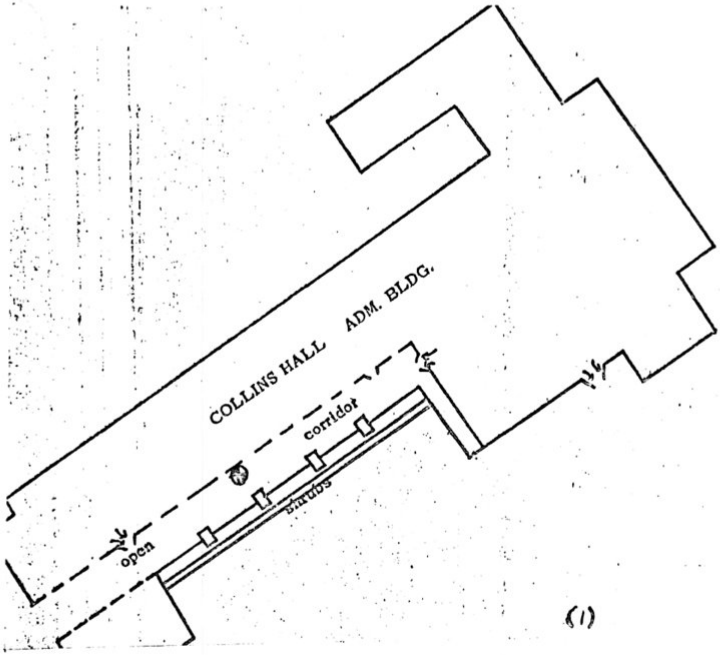
GRAVITY BASE STATION

LATITUDE 29° 10' N (1)	STATION DESIGNATION DAYTONA BEACH
LONGITUDE 81° 03' W (1)	
ELEVATION 10.2 METERS (1)	COUNTRY/STATE USA/Florida

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1022-0		g = 979 281.42 mgals	
IGC 08191B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Feb/1968

DESCRIPTION AND/OR SKETCH

Station is in Daytona Beach, at Daytona Beach Junior College, at Collins Hall (Adm. Bldg.), on the south side of the building, on the porched walkway, between the brick wall and 3rd support pillar from the east end of the building. (1)



(1)

REFERENCE SOURCE

(1) 02752

819

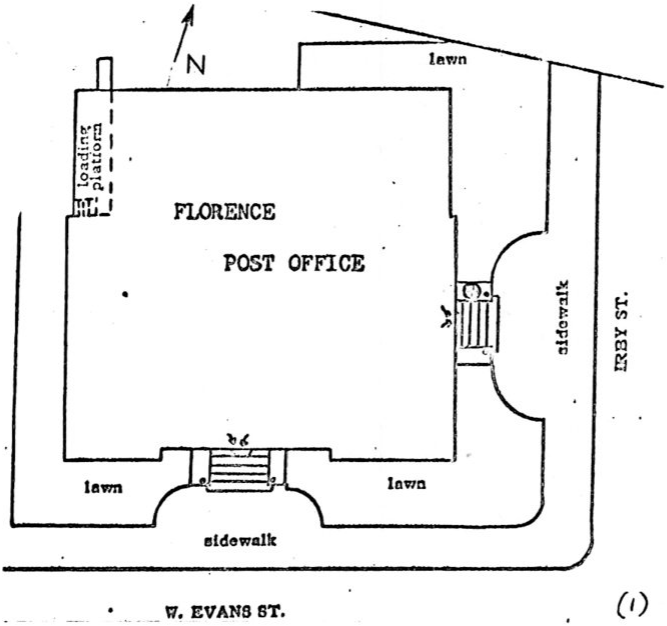
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 34° 11.83' N (1)	STATION DESIGNATION FLORENCE
LONGITUDE 79° 46.12' W (1)	
ELEVATION 48.8 METERS (1)	COUNTRY/STATE USA/South Carolina
REFERENCE CODE NUMBERS: ACIC 1024-0; IGC 11649B	ADOPTED GRAVITY VALUE: g= 979 680.98 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR Feb/1968

DESCRIPTION AND/OR SKETCH

Station is in Florence at the post office, on the north abutment of the S. Irby St. entrance, between the lamp post and the wall, directly over USGS EM "TT 9505 1924." (1)



(1)

REFERENCE SOURCE

(1) 02752

ACIC HQ FORM FEB 69 0-415

880

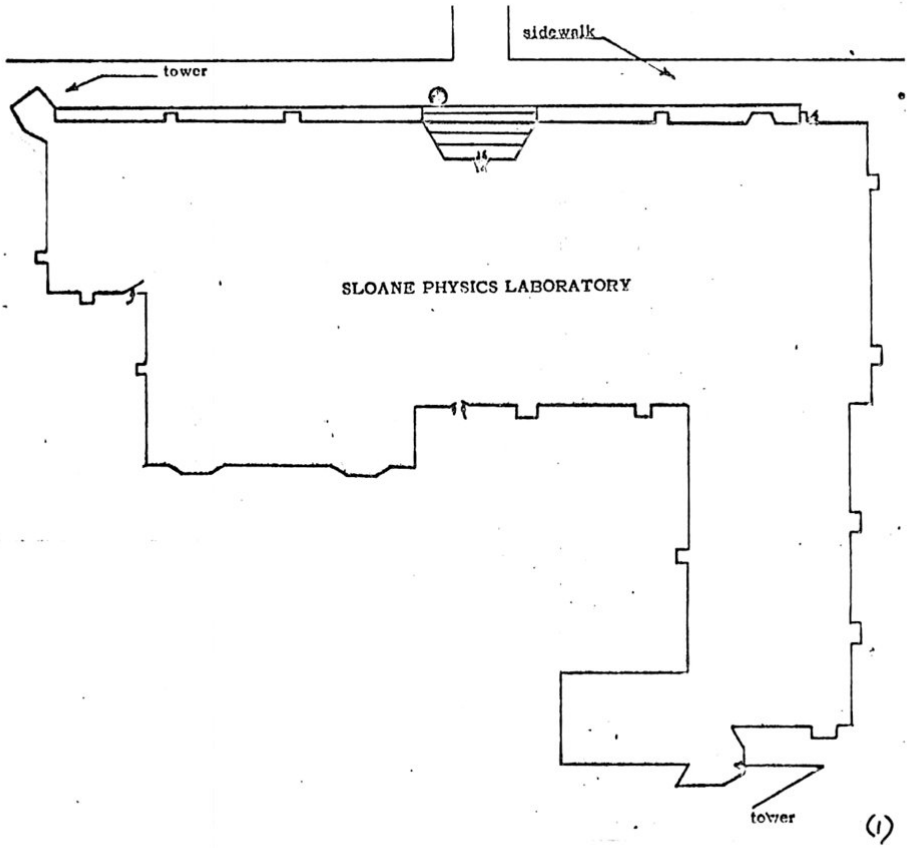
GRAVITY BASE STATION

LATITUDE 41° 16'N (1)	STATION DESIGNATION NEW HAVEN
LONGITUDE 72° 53'W (1)	
ELEVATION 36.6 METERS (1)	COUNTRY/STATE USA/Connecticut

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1031-0		g = 980 315.22 mgals	
IGB 15212B			
WU 8			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Feb/1968

DESCRIPTION AND/OR SKETCH

Station is New Haven at Yale University, on the north side of the Sloane Physics Laboratory, on the west side of the westernmost of two entrances, on the concrete sidewalk. Station is monumented with a brass disk inscribed "Gravity Calibration Base." (1)



REFERENCE SOURCE

(1) 02752

881

ACIC HQ FORM FEB 69 0-415

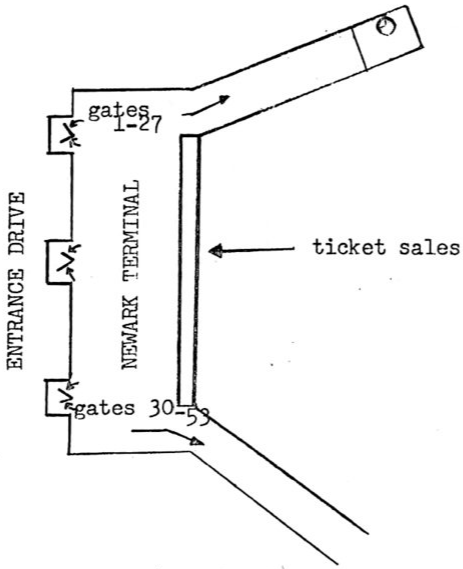
GRAVITY BASE STATION

LATITUDE 40° 42.3' N (1)	STATION DESIGNATION NEWARK
LONGITUDE 74° 09.7' W (1)	
ELEVATION 5.5 METERS (1)	COUNTRY/STATE USA/New Jersey

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1035-0		g= 980 240.59 mgals	
IGC 15204L			
WA 248			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Feb/1963

DESCRIPTION AND/OR SKETCH

Station is at Newark, at the Newark Airport Terminal, in the north wing passageway leading to gates 1-27, at the gate six waiting lounge, in the southeast corner, on the concrete. Station is monumented with a brass disk inscribed "Gravity Calibration Base." (1)



(1)

REFERENCE SOURCE

(1) 02752

ACIC HQ FORM FEB 69 O-415

882

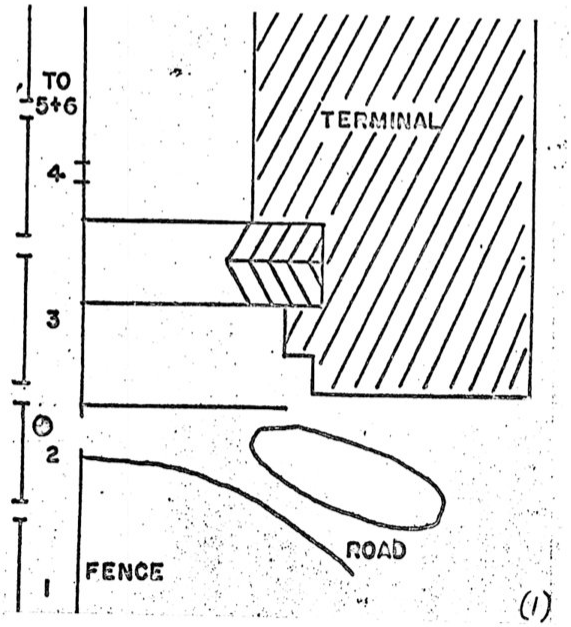
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
32° 01.7' N (1)	SAVANNAH
LONGITUDE	
81° 08.0' W (1)	
ELEVATION	**COUNTRY/STATE**
12.9 METERS (1)	USA/Georgia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1040-1		g = 979 496.85 mgals	
IGC 11721J			
WA 99			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is in Savannah, at Travis Field, on the concrete walkway at Gate 2, on the terminal side of the fence and gate. Station is monumented with a bronze disk inscribed "Gravity Calibration Base - SAVANNAH." (1)



REFERENCE SOURCE

(1) 02752

883

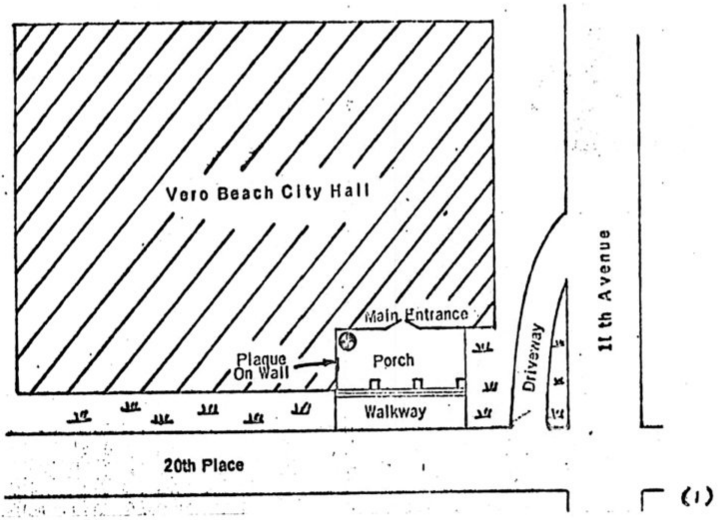
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 27° 39' N (1)	STATION DESIGNATION VERO BEACH
LONGITUDE 80° 25' W (1)	
ELEVATION 7.0 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 1044-0; IGC 08170B	ADOPTED GRAVITY VALUE: g= 979 173.40 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Feb/1968

DESCRIPTION AND/OR SKETCH

The gravity station is in Vero Beach at the Vero Beach City Hall building, on the corner of 11th Ave. and 20th Place Sts. The station is on the building porch, in the northwest corner (corner of a stone wall and a glass wall) on a stone surface. Station is not monumented. (Plaque on wall above station says "Vero Beach City Hall".) (1)



(1)

REFERENCE SOURCE

(1) 02752

884

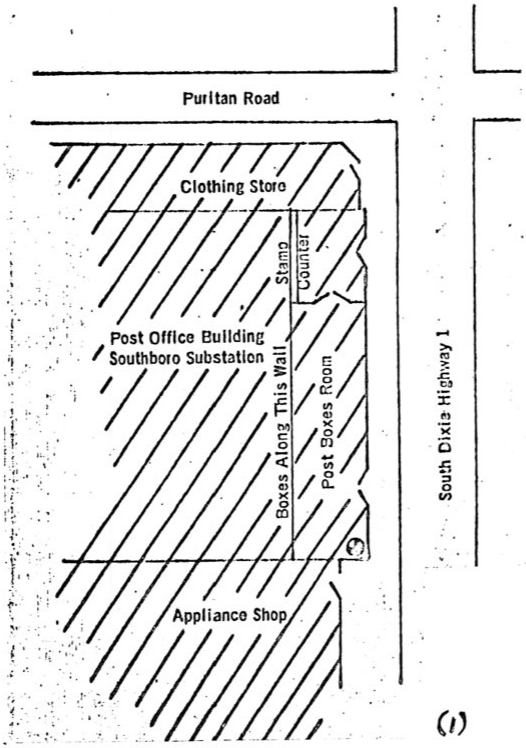
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 26° 41' N (1)	STATION DESIGNATION WEST PALM BEACH
LONGITUDE 80° 05' W (1)	
ELEVATION 5.0 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 1045-0; IGC 08160A	ADOPTED GRAVITY VALUE: g= 979 131.14 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Feb/1968

DESCRIPTION AND/OR SKETCH

The gravity station is in West Palm Beach on Highway #1 (Dixie Street South, 5000 Block). Station is inside the Southboro Substation of the U. S. Post Office Building, in the Post Boxes Room, in the southeast corner of the room, on a terrazo floor. Station is not monumented. (1)



REFERENCE SOURCE

(1) 02752

885

ACIC HQ FORM FEB 69 O-415

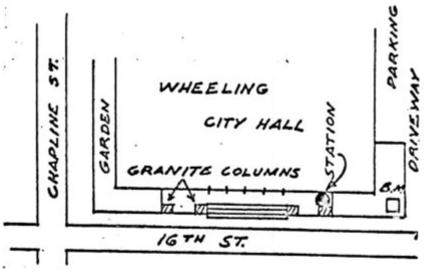
GRAVITY BASE STATION

LATITUDE 40° 03.8'N (1)	STATION DESIGNATION WHEELING
LONGITUDE 80° 43.2'W (1)	
ELEVATION 204.16 METERS (1)	COUNTRY/STATE USA/West Virginia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1072-0		g= 980 084.93 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located on the east side of the concrete platform, at the Sixteen Street entrance to the Wheeling City Hall. Station is west of a standard USC&GS BM disk stamped "Wheeling 1935" and set in the top of a concrete post. (1)



(1)

REFERENCE SOURCE

(1) 02557

886

ACIC HQ FORM FEB 69 O-415

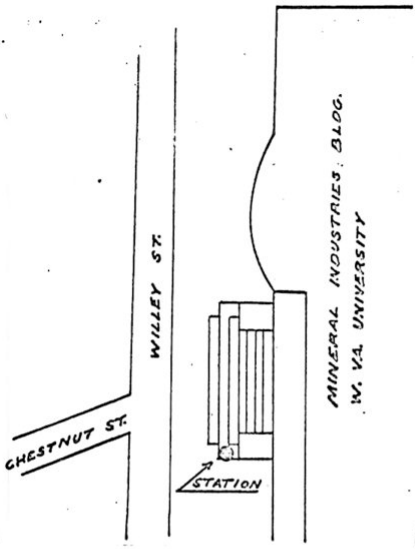
GRAVITY BASE STATION

LATITUDE 39° 38.2'N (1)	STATION DESIGNATION MORGANTOWN
LONGITUDE 79° 57.3'W (1)	
ELEVATION 281.10 METERS (1)	COUNTRY/STATE USA/West Virginia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1073-0		g= 980 043.95 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

The station is located on the second step, beneath a cement pedestal, on the right side (south) of the steps, at the west entrance to the Mineral Industries building which is on the West Virginia University campus, near the intersection of Willey and Chestnut Streets in Morgantown. (1)



(1)

REFERENCE SOURCE

(1) 02557

887

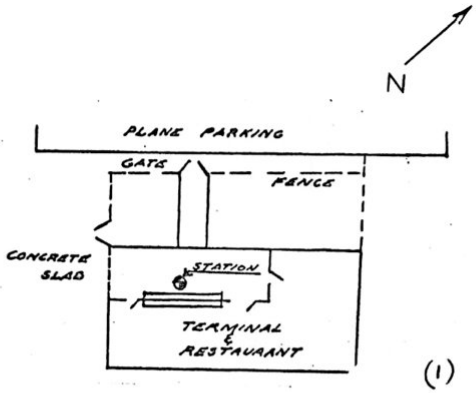
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 39° 24.1'N (1)	STATION DESIGNATION MARTINSBURG
LONGITUDE 77° 58.9'W (1)	
ELEVATION 169 METERS (1)	COUNTRY/STATE USA/West Virginia
REFERENCE CODE NUMBERS: ACIC 1074-0	ADOPTED GRAVITY VALUE: g= 980 033.76 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals — DATE: MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located on the field side of the terminal building, directly below large window area on line with center line of walk to departure gate, at Martinsburg Airport. (1)



(1)

REFERENCE SOURCE

(1) 02557

ACIC HQ FORM FEB 69 0-415

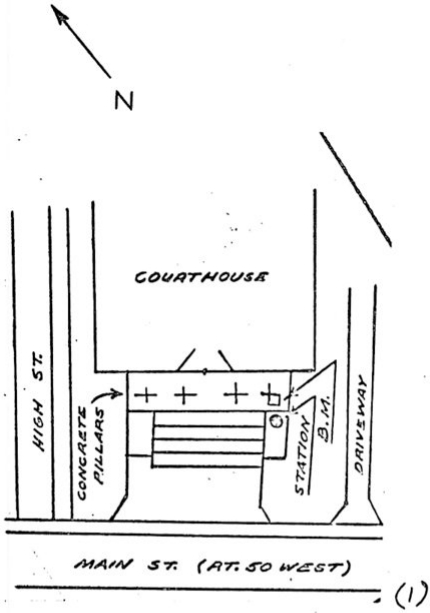
888

GRAVITY BASE STATION

LATITUDE 39° 20.5'N (1)	STATION DESIGNATION ROMNEY
LONGITUDE 78° 45.6'W (1)	
ELEVATION 253.80 METERS (1)	COUNTRY/STATE USA/West Virginia
REFERENCE CODE NUMBERS: ACIC 1075-0	ADOPTED GRAVITY VALUE: g=980 021.25 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located on the concrete ledge, on the right side of the steps leading into the Hampshire County Courthouse, 0.5 feet below the B.M., in Romney, West Virginia. BM is a USGS Disk stamped "Romney 1933". (1)



(1)

REFERENCE SOURCE

(1) 02557

889

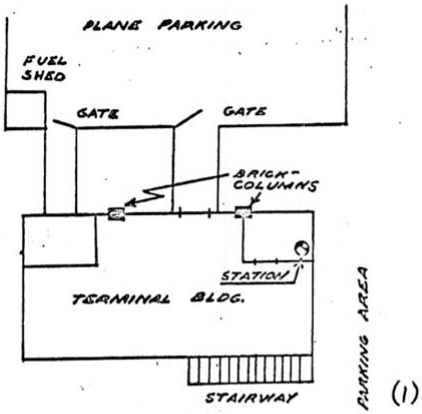
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 38° 53.1'N (1)	STATION DESIGNATION ELKINS
LONGITUDE 79° 51.5'W (1)	
ELEVATION 600.60 METERS	COUNTRY/STATE USA/West Virginia
REFERENCE CODE NUMBERS: ACIC 1077-0	ADOPTED GRAVITY VALUE: g= 979 907.89 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at the Elkins-Randolph County Airport, about 3.15 miles north along U.S. Highway 219 and 250 from the Post Office at Beverly, one foot northwest of the southeast end of the concrete platform that is at the northeast side of the Administration Building, one foot northeast of the building, and about level with the ground. Station is monumented with a USC&GS disk stamped "B-53 1952".



REFERENCE SOURCE

(1) 02557

ACIC HQ FORM FEB 69 0-415

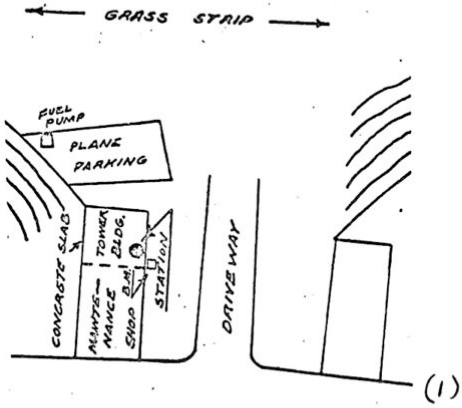
890

GRAVITY BASE STATION

LATITUDE 38° 47.5'N (1)	STATION DESIGNATION SPENCER
LONGITUDE 81° 20.3'W (1)	
ELEVATION 289.78 METERS (1)	COUNTRY/STATE USA/West Virginia
REFERENCE CODE NUMBERS: ACIC 1078-0	ADOPTED GRAVITY VALUE: g= 979 965.72 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals — DATE: MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located on the concrete slab beneath the control tower, 2.0 feet west of a B.M. at Roane County Airport, Spencer, West Virginia. Airport is located 1.1 miles east of Spencer. The B.M. is a USC&GS disk, stamped "T95 1956". (1)



(1)

REFERENCE SOURCE

(1) 02557

891

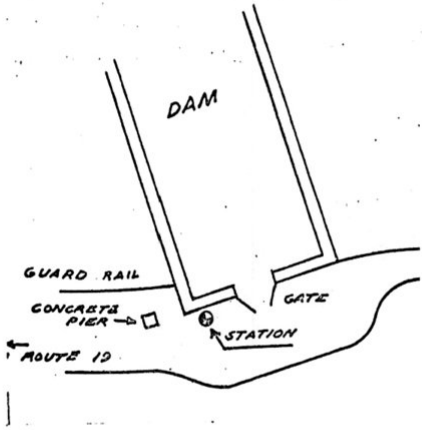
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 38° 40.5'N (1)	STATION DESIGNATION SUTTON
LONGITUDE 80° 41.4'W (1)	
ELEVATION 310 METERS (1)	COUNTRY/STATE USA/West Virginia
REFERENCE CODE NUMBERS: ACIC 1079-0	ADOPTED GRAVITY VALUE: g= 979 954.41 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals — DATE: MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located on asphalt, directly in from a bronze plaque inscribed "Sutton Dam, U.S. Army Corps of Engineers" at left of gate, at the top of the South Entrance of Sutton Dam. (1)



(1)

REFERENCE SOURCE

(1) 02557

ACIC HQ FORM FEB 69 0-415

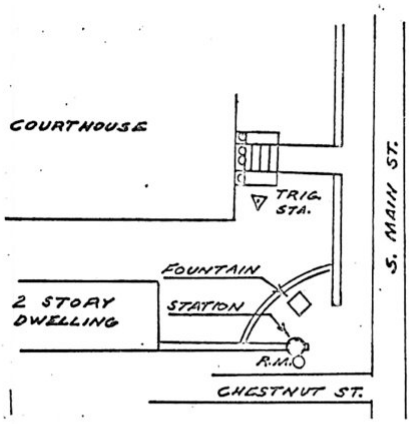
842

GRAVITY BASE STATION

LATITUDE 38° 38.7'N (1)	STATION DESIGNATION FRANKLIN
LONGITUDE 79° 19.8'W (1)	
ELEVATION 527.52 METERS	COUNTRY/STATE USA/West Virginia
REFERENCE CODE NUMBERS: ACIC 1080-0	ADOPTED GRAVITY VALUE: g= 979 896.79 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at the northwest corner of the intersection of South Main and Chestnut Street, on top of wall, 3 feet above R.M. and 20 feet north of centerline of Chestnut Street. The R.M. is approximately 100 feet south of the steps to the courthouse in Franklin, West Virginia. (1)



(1)

REFERENCE SOURCE

(1) 02557

843

ACIC HQ FORM FEB 69 0-415

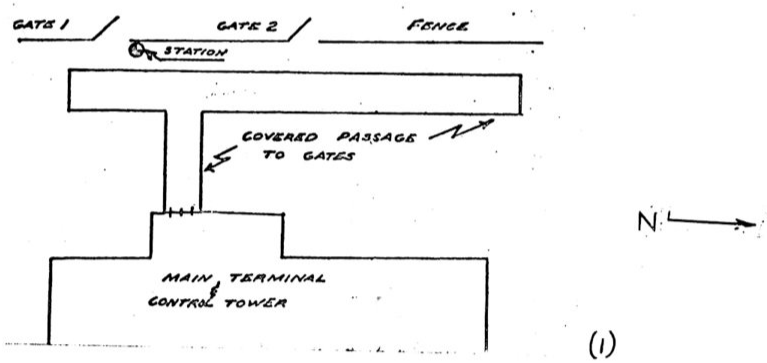
GRAVITY BASE STATION

LATITUDE 38° 22.2'N (1)	STATION DESIGNATION HUNTINGTON
LONGITUDE 82° 33.6'W (1)	
ELEVATION 252 METERS (1)	COUNTRY/STATE USA/West Virginia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1081-0		g= 979 951.36 mgals	
WA 274			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located next to fence at Gate 1 at Tri-State Airport west of Huntington, West Virginia. (1)



(1)

REFERENCE SOURCE

(1) 02557

ACIC HQ FORM FEB 69 O-415

894

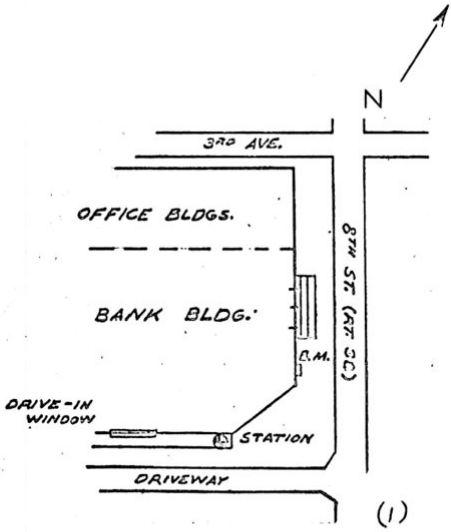
GRAVITY BASE STATION

LATITUDE 38° 13.4'N (1)	STATION DESIGNATION MARLINTON
LONGITUDE 80° 05.8'W (1)	
ELEVATION 649.32 METERS (1)	COUNTRY/STATE USA/West Virginia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1082-0		g = 979 821.81 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located on the concrete curb, around the southeast corner from the B.M., against the wall of the First National Bank, in Marlinton, West Virginia. The B.M. is a USC&GS disk stamped "Marlinton 1933". (1)



REFERENCE SOURCE

(1) 02557

945

ACIC HQ FORM FED 69 0-415

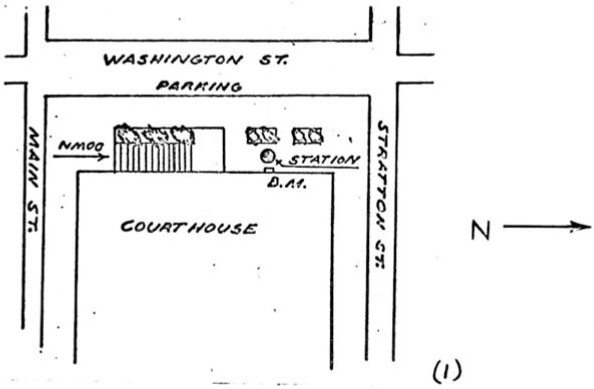
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
37° 50.8'N (1)	LOGAN
LONGITUDE	
81° 59.5'W (1)	
ELEVATION	**COUNTRY/STATE**
206.81 METERS (1)	USA/West Virginia

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 1083-0	g= 979 914.90 mgals	
	ESTIMATED ACCURACY	DATE
	± 0.3 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

The station is located on the side walk, directly below the BM which is located on the west wall of Logan County Courthouse in Logan, West Virginia. The BM is a USGS dish stamped "1963". (1)



(1)

REFERENCE SOURCE

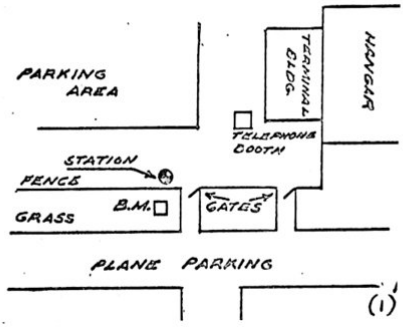
(1) 02557

GRAVITY BASE STATION

LATITUDE 37° 47.2'N (1)	STATION DESIGNATION BECKLEY
LONGITUDE 81° 07.6'W (1)	
ELEVATION 763.30 METERS (1)	COUNTRY/STATE USA/West Virginia
REFERENCE CODE NUMBERS: ACIC 1084-0	ADOPTED GRAVITY VALUE: g= 979 776.36 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located about 25 feet southwest of the southwest corner of the Raleigh County Airport administration building, on the sidewalk against the fence next to the Gate, and is about 8 feet north of the B.M. The B.M. is azimuth mark disk stamped "Raleigh 1952". (1)



REFERENCE SOURCE

(1) 02557

897

ACIC HQ FORM FEB 69 0-415

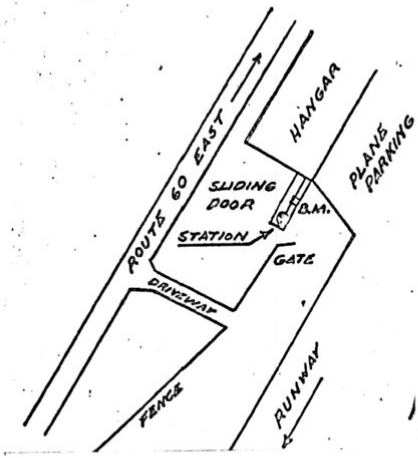
GRAVITY BASE STATION

LATITUDE 37° 46.4'N (1)	STATION DESIGNATION WHITE SULPHUR SPRINGS
LONGITUDE 80° 20.1'W (1)	
ELEVATION 549.29 METERS (1)	COUNTRY/STATE USA/West Virginia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1085-0		g= 979 800.38 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at the south corner of the Esso Hangar, on the concrete apron for the sliding hangar doors, 6 feet west of B.M., at Greenbrier County Airport, White Sulphur Springs, West Virginia. The B.M. is a USC&GS disk, stamped "X202 1958".



(1)

REFERENCE SOURCE

(1) 02557

ACIC HQ FORM FEB 69 0-415

898

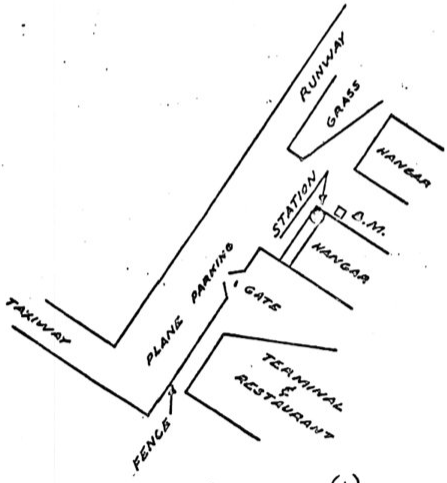
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
37° 17.8'N (1)	BLUEFIELD
LONGITUDE	
81° 12.8'W (1)	
ELEVATION	**COUNTRY/STATE**
866.73 METERS (1)	USA/West Virginia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1086-0		g = 979 704.13 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

The station is located at Mercer County Airport, on concrete apron, at northwest corner of large metal hangar. Station is around same corner from B.M., a disk set in concrete monument and stamped "A 90 1955". (1)



(1)

REFERENCE SOURCE

(1) 02557

899

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 48° 53.39' N (1)	STATION DESIGNATION LARSON
LONGITUDE 102° 55.03' W (1)	
ELEVATION 584.9 METERS (1)	COUNTRY/STATE USA/North Dakota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1087-1		g= 980 829.30 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located three miles west of Larson, N. D., SW corner of ¼ Sec 32T 163 R94. (1)

REFERENCE SOURCE

(1) 01528

ACIC HQ FORM FEB 69 0-415

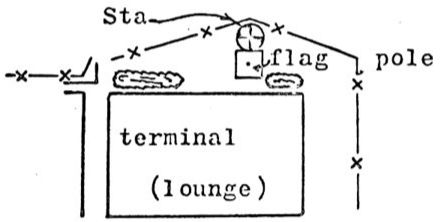
900

GRAVITY BASE STATION

LATITUDE 32° 51.13'N (1)	STATION DESIGNATION
LONGITUDE 109° 39.22'W (1)	SAFFORD
ELEVATION 963.2 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1089-4	g= 979 219.84 mgals
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at Safford Municipal Airport, on N side of terminal, at N base of flagpole, on ground. (1)



(1)

REFERENCE SOURCE

(1) 03035

901

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
LONGITUDE	BYLAS
ELEVATION 806.2 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1090-1	g= 979 268.15 mgals
	ESTIMATED ACCURACY / DATE
	± 0.3 mgals / MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located on ground surface next to USC&GS bench mark R-15, on southwest side of U.S. 70, in Bylas, Arizona. (1)

REFERENCE SOURCE

(1) 02555

ACIC HQ FORM FEB 69 0-415

902

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION: RODEO
LONGITUDE	
ELEVATION METERS	COUNTRY/STATE: USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 1094-1	ADOPTED GRAVITY VALUE: g= 979 043.07 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at bench mark, approximately 100 feet NE of Rodeo, New Mexico R R station. (1)

REFERENCE SOURCE

(1) 02555

903

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 35° 28.54'N (1)	STATION DESIGNATION NIPTON
LONGITUDE 115° 13.48'W (1)	
ELEVATION 1102.3 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 1117-1; C 285	ADOPTED GRAVITY VALUE: g= 979 425.40 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1963

DESCRIPTION AND/OR SKETCH

At Nevada-California State Line approximately 2 miles northeast of Nipton on Nevada State Highway 68. On top of Nevada Highway Dept. copper disc about 160 feet north of highway, across highway and 50 feet west of sign "Welcome to Nevada". Marking on disc "A.O + 00.00 PC". (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 O-415

904

GRAVITY BASE STATION

LATITUDE 28° 29.0' N. (1)	STATION DESIGNATION BAY CITY
LONGITUDE 95° 57.3' W. (1)	
ELEVATION 15.2 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1124-1		g= 979 250.4 mgals	
U 728			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located 0.70 mile east of the municipal water tank of Bay City on State Highway 35, in the Red Wing Tourist Court. Station is marked by a brass disk set in concrete post protruding 6 inches. Station is 30 feet south of the mark. Mark is located one foot west of the northwest corner of the westernmost cabin and is 88 meters north of center line of State Highway 35. (1)

REFERENCE SOURCE

(1) 00269

905

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 29° 54.5'N (1)	STATION DESIGNATION FAYETTEVILLE
LONGITUDE 96° 40.3'W (1)	
ELEVATION 117.7 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1126-1		g= 979 278.1 mgals	
U 734			
		ESTIMATED ACCURACY	DATE
		± 0.6 mgals	MONTH/YEAR 4/70

DESCRIPTION AND/OR SKETCH

Station is located in the eastern part of Fayetteville, on property belonging to the SPJST lodge of Fayetteville. Station is near the southwestern edge of a baseball diamond, about 10 feet west of third base, 150 feet northeast of the northeast corner of the large lodge house, 159 feet northwest of the center line of State Highway 159, about 1/4 mile northeast of the municipal water tank which shows through trees from the station and bears S 17°W (mag). A standard gravity mark was set in the northeast abutment of a concrete bridge across State Highway 159. This bridge is about 300 yards east of the municipal water tank. From mark to gravity station is 426 feet N 15°E (mag). (1)

REFERENCE SOURCE

(1) 00269

ACIC HQ FORM FEB 69 O-415

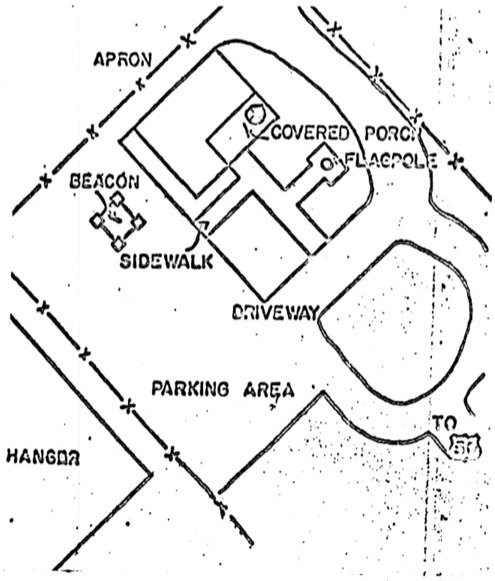
906

GRAVITY BASE STATION

LATITUDE 38° 42' N. (1)	STATION DESIGNATION SEDALIA
LONGITUDE 93° 11' W. (1)	
ELEVATION 277.37 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 1139-1	ADOPTED GRAVITY VALUE: g= 979 955.81 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Oct/1967

DESCRIPTION AND/OR SKETCH

Station is located at Sedalia Memorial Airport, on the concrete floor of the porch, on the southeastern side of the terminal building (northwest of the flagpole). (1)



REFERENCE SOURCE

(1) 02277

907

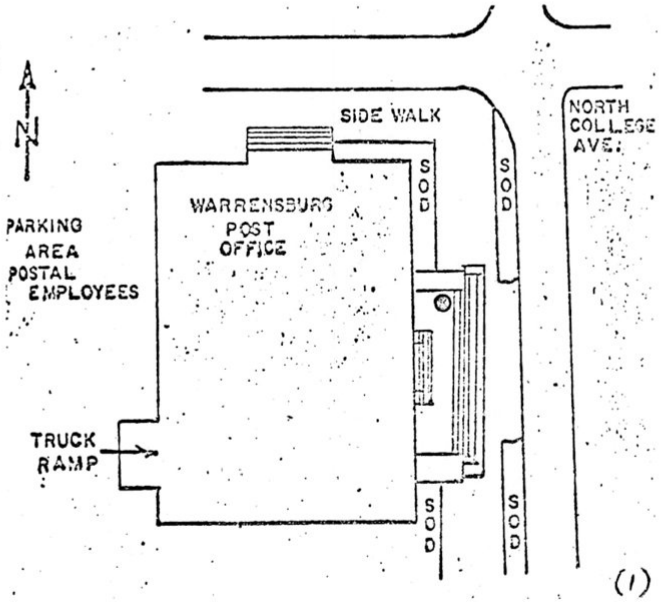
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 38° 46.54'N (1)	STATION DESIGNATION WARRENSBURG
LONGITUDE 93° 44.38'W (1)	
ELEVATION 264.69 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 1140-1	ADOPTED GRAVITY VALUE: g= 979 960.35 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located at the Warrensburg Post Office, six feet north of the main entrance doors on the east side of the building, on the concrete, at the top of the first flight of stairs. (1)



REFERENCE SOURCE

(1) 02277

ACIC HQ FORM FEB 69 0-415

908

GRAVITY BASE STATION

LATITUDE 33° 55.54'N (1)	STATION DESIGNATION BANNING
LONGITUDE 116° 52.63'W (1)	
ELEVATION 715.3 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 1141-1; C 328	ADOPTED GRAVITY VALUE: g = 979 403.10 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

Station is located at the Banning City Hall on Ramsey Street between 1st and 2nd Streets. A USC&GS BM K-71 is set in the south wall, 17 feet west of the southeast corner. Reading was made in sidewalk, 2.1 feet below disc. (1)

REFERENCE SOURCE

(1) 02665

909

ACIC HQ FORM FEB 69 O-415

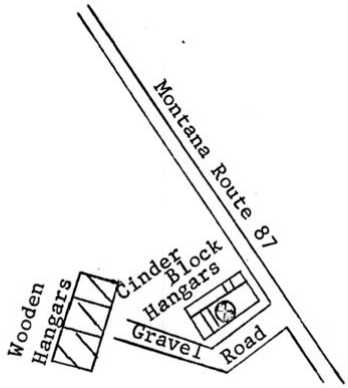
GRAVITY BASE STATION

LATITUDE 47° 08.75' N (1)	STATION DESIGNATION STANFORD
LONGITUDE 110° 13.50' W (1)	
ELEVATION 1306.1 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1201-0		g= 980 436.25 mgals	
IGC 15670T			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at Stanford Airport, and is at the intersection of inset walk inside the cinder block hangar, eight inches from north and east walk, on the earth floor. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 0-415

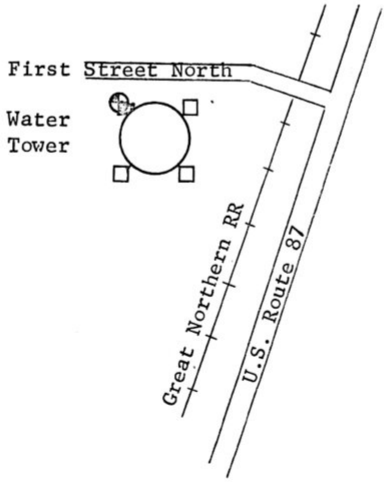
910

GRAVITY BASE STATION

LATITUDE 48° 10.75' N (1)	STATION DESIGNATION BIG SANDY
LONGITUDE 110° 07.00' W (1)	
ELEVATION 826.75 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 1202-0; IGC 15680J	ADOPTED GRAVITY VALUE: g = 980 637.02 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

Station is located at the city water tank in Big Sandy, Montana, directly over USC&GS BM T93, in the NW corner of the NW concrete footing of the water tower. The mark is a standard disk stamped "T93 1934". (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

911

ACIC HQ FORM FEB 69 0-415

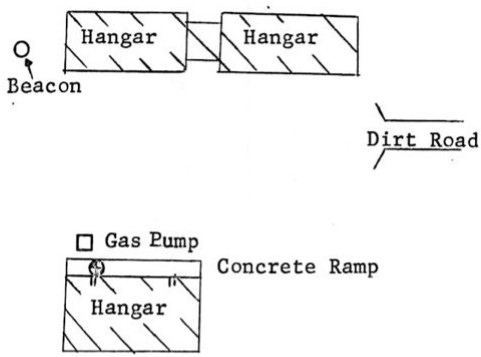
GRAVITY BASE STATION

LATITUDE 45° 48.50' N (1)	STATION DESIGNATION BIG TIMBER
LONGITUDE 109° 58.50' W (1)	
ELEVATION 1366.1 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1203-0		g= 980 267.99 mgals	
IGC 15559J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at the airport at Big Timber, Mont., at a point one foot north of the most westerly hangar door, on the concrete floor which extends from within the hangar. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 0-415

912

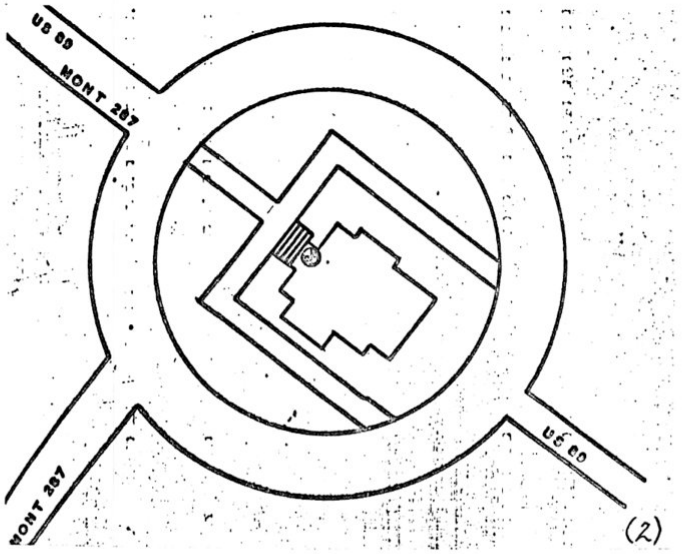
GRAVITY BASE STATION

LATITUDE 47° 48' N (1)	STATION DESIGNATION CHOTEAU
LONGITUDE 112° 10' W (1)	
ELEVATION 1,163.44 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1204-0		g= 980 519.67 mgals	
IGC 15672B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at Choteau, Mont., at the Teton County Courthouse, at the NW entrance, on the concrete, in the N corner, outside the entrance, at the USC&GS BM "M 111 1934". (1)



REFERENCE SOURCE

(1) 01355 (2) 05100

913

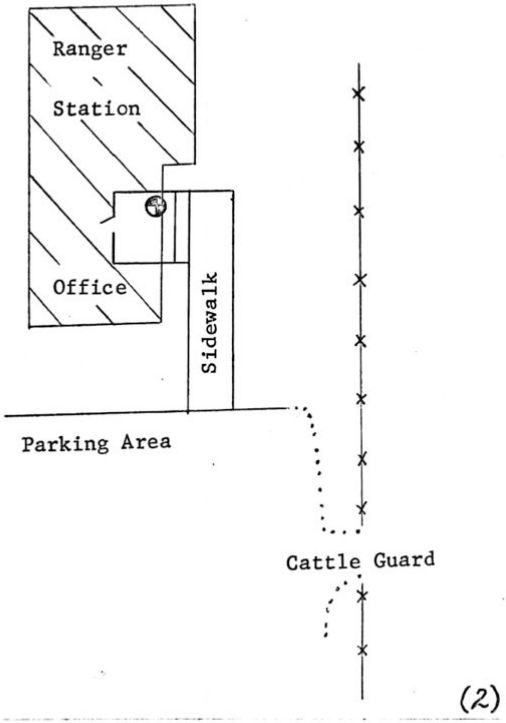
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 47° 32.00' N (1)	STATION DESIGNATION CONDON
LONGITUDE 113° 43.25' W (1)	
ELEVATION 1122.9 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 1207-0; IGC 156730	ADOPTED GRAVITY VALUE: g= 980 454.32 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located on the porch, in front of the entrance to the office of the Condon Ranger Station, on the N side of the entrance, next to the wall and the first step. (1)



REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 0-415

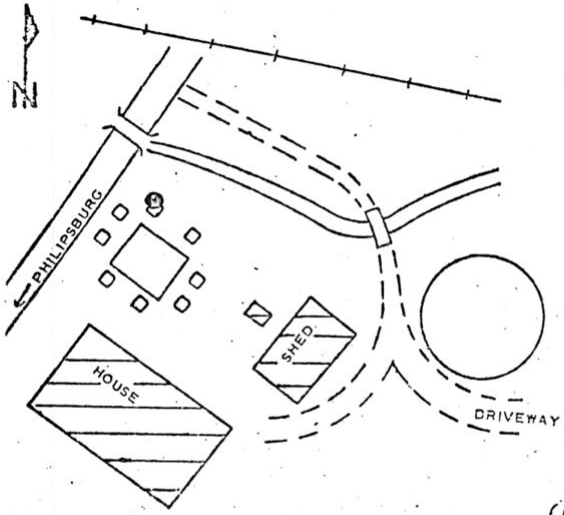
914

GRAVITY BASE STATION

LATITUDE 46° 39.75'N (1)	STATION DESIGNATION DRUMMOND
LONGITUDE 113° 09.25'W (1)	
ELEVATION 1203.79 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1209-0	g= 980 379.35 mgals
IGB 15663J	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is adjacent to USC & GS BM L13 (re-leveled in 1959) in Drummond, Montana. The BM is 188 feet southwest of the southwest corner of the Northern Pacific Railroad Station, in the top of the northwest corner of the northwest concrete footing of an abandoned water tank, 134 feet south of the south rail of the main track, 95 feet west of the west side of a railroad water tank, 66 feet east of the center line of US Highway 105, 45 1/2 feet north of the northwest corner of a section house, and projecting 28 inches. (1)



(1)

REFERENCE SOURCE

(1) 01355

915

ACIC HQ FORM FEB 69 0-415

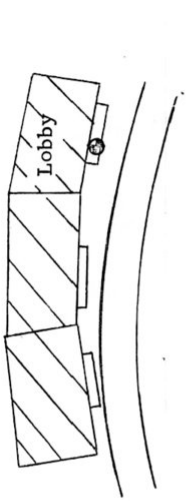
GRAVITY BASE STATION

LATITUDE 48° 26.50' N (1)	STATION DESIGNATION EAST GLACIER PARK
LONGITUDE 113° 13.25' W (1)	
ELEVATION 1469.56 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1211-0		g= 980 515.34 mgals	
IGC 15683B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at East Glacier Park, Mont., directly over USC&GS EM GLACIER PARK. The BM is located at the east entrance to the lobby of the East Glacier Park Lodge, in the top of the concrete platform, 15 feet from the south edge, and 2 feet from the east edge. The standard disk is stamped "4821.381 GLACIER PARK 1933." (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

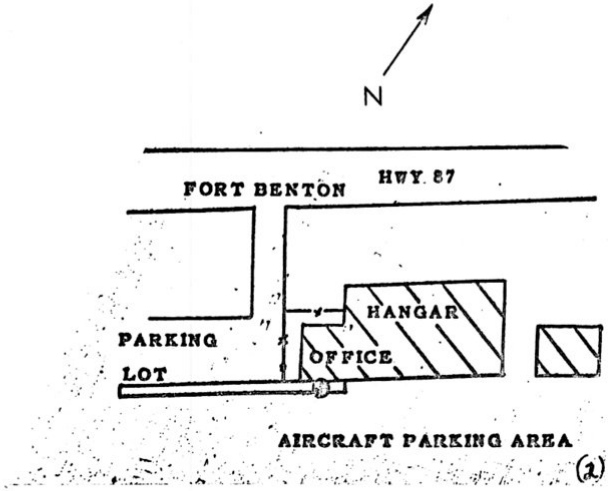
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 47° 50.50' N (1)	STATION DESIGNATION FORT BENTON
LONGITUDE 110° 39.00' W (1)	
ELEVATION 879.7 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1212-0 IGC 156700	g = 980 609.37 mgals
	ESTIMATED ACCURACY ± 0.1 mgals / DATE MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at the Fort Benton Airport building, on the west of the lobby entrance, 6 inches from the south wall, and 2 feet from the lobby entrance, on the concrete walkway. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

917

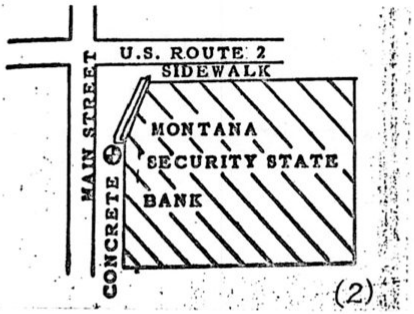
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 48° 31.00' N (1)	STATION DESIGNATION HARLEM
LONGITUDE 108° 46.00' W (1)	
ELEVATION 722.69 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 1214-0; IGC 15588B	ADOPTED GRAVITY VALUE: g= 980 727.35 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located in Harlem, Mont., on the sidewalk at the base of the NE corner post of the steps at the Montana Security State Bank, located at the SE corner of the intersection of U. S. Highway 2 and Main Street. USC&GS BM D23 is set vertically in the west face of the guard wall of the steps. The mark is a standard disk stamped "2371.098". (1)



REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 0-415

918

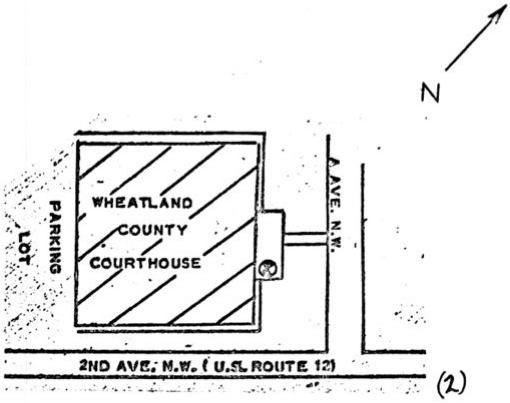
GRAVITY BASE STATION

LATITUDE 46° 26.25' N (1)	STATION DESIGNATION HARLOWTON
LONGITUDE 109° 50.25' W (1)	
ELEVATION 1285.42 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1215-0		g= 980 376.05 mgals	
IGC 15569B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at the Wheatland County Court House in Harlowton, Mont., six inches NE of the USC&GS BM A 126. The BM is located seven feet south of the main entrance, in the face of the SE portico over the main doorway, and 13 inches above the ground. The standard disk, stamped "A 126 1934," is set vertically. The building, once used as a high school, is located at the corner of A Avenue N.W. and 2nd Avenue N. W. (U. S. Highway 12). (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

919

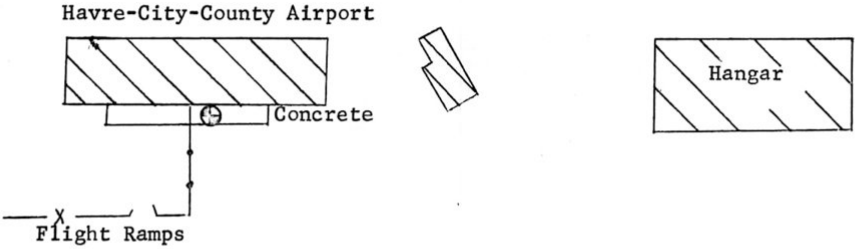
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 48° 32.75' N (1)	STATION DESIGNATION HAVRE
LONGITUDE 109° 45.50' W (1)	
ELEVATION 789.1 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 1216-0; IGC 15589J	ADOPTED GRAVITY VALUE: g = 980 694.41 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at the Havre City-County Airport, approximately four miles WSW of Havre, Mont., about one foot west of the Frontier Airlines entrance (south side, east end of the terminal), outside the building, on the concrete. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 0-415

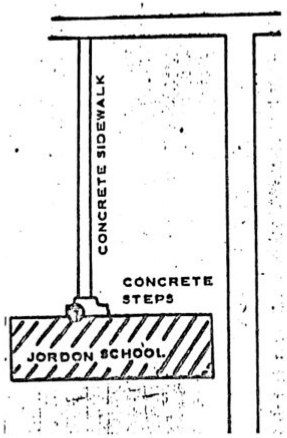
920

GRAVITY BASE STATION

LATITUDE 47° 19.00' N (1)	STATION DESIGNATION JORDAN
LONGITUDE 106° 54.50' W (1)	
ELEVATION 791.02 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1218-0	g= 980 616.37 mgals
IGC 15576B	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located in Jordan, Mont.; directly over USC&GS BM C38 which is located at the north entrance to Jordan Elementary School, at the top of the west end of the top step. The standard disk is stamped "2595.211 C 38 1931". (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

921

ACIC HQ FORM FEB 69 O-415

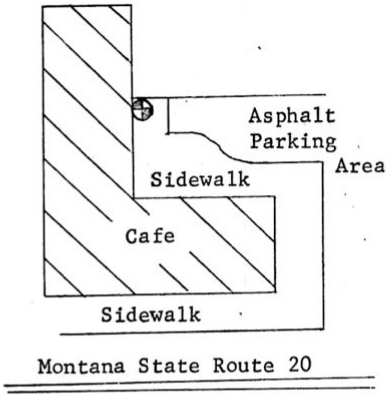
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
46° 57.00' N (1)	LINCOLN
LONGITUDE	
112° 40.75' W (1)	
ELEVATION	**COUNTRY/STATE**
1382.56 METERS (1)	USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1220-0		g= 980 361.05 mgals	
IGC 156620			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located behind "Lambkins of Lincoln" cafe and bar, north of State Highway 20; adjacent to USGS BM stamped "4533 BUTTE," extreme NW corner of a concrete sidewalk used to enter the kitchen. The USGS BM disk is fixed to a pipe six inches to the north of the gravity station, off the sidewalk. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 0-415

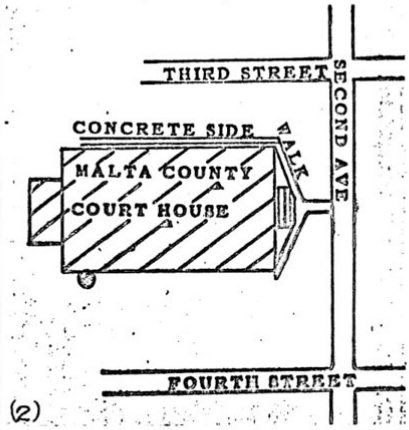
922

GRAVITY BASE STATION

LATITUDE 48° 21.50' N (1)	STATION DESIGNATION MALTA
LONGITUDE 107° 52.00' W (1)	
ELEVATION 686.98 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 1221-0; IGC 15587B	ADOPTED GRAVITY VALUE: g= 980 720.13 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located in Malta, Mont., at the Phillips County Court House, directly over USC&GS BM X39. The BM is located at the county court house, 3.3 feet east of the SW corner of the foundation, and against the south face. The standard disk, stamped "2253.850 x 39 1931" is set in the top of a concrete post about flush with the ground. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

923

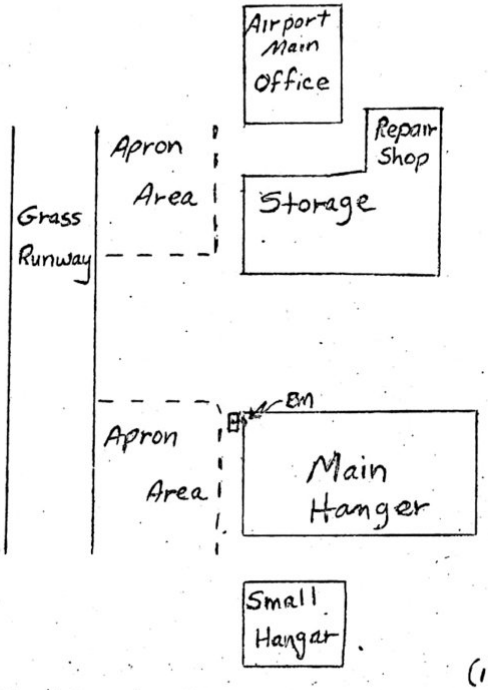
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 47° 41.00'N (1)	STATION DESIGNATION POLSON
LONGITUDE 114° 09.75'W (1)	
ELEVATION 893.93 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 1223-0; IGB 15674J	ADOPTED GRAVITY VALUE: g= 980 564.25 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located at the Polson Airport, main hangar, one foot west of the foundation wall nearest the south apron area, on the ground outside the foundation wall containing a USC & GS BM stamped "B 376 1950". The BM is inside the hangar, one foot south of the hangar door and not visible from the station. (1)



(1)

REFERENCE SOURCE

(1) 01355

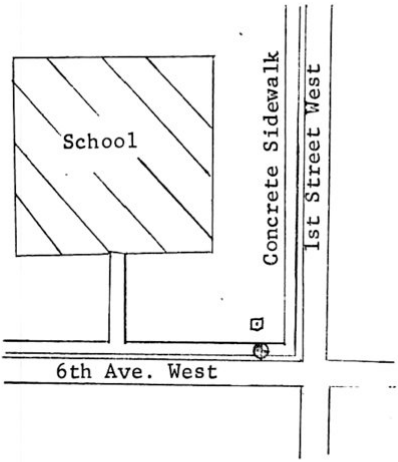
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 46° 27.00' N (1)	STATION DESIGNATION ROUNDUP
LONGITUDE 108° 32.50' W (1)	
ELEVATION 983.44 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 1226-0; IGC 15568J	ADOPTED GRAVITY VALUE: g= 980 461.44 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located in Roundup, Mont., three feet south of USGS BM 3227. The BM is located at the intersection of First Street and Sixth Avenue West, at the SE corner of the public school grounds, and near the sidewalk of Sixth Avenue West. A USGS Standard disk, stamped "3227 1916," is riveted on top of a 3½ inch iron pipe which protrudes from the ground approximately 8 inches. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

925

ACIC HQ FORM FEB 69 0-415

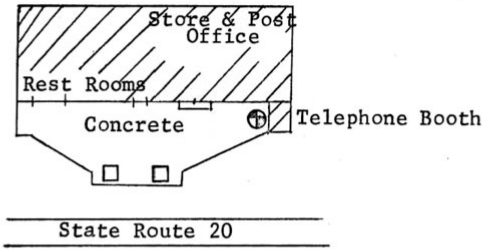
GRAVITY BASE STATION

LATITUDE 47° 06.00' N (1)	STATION DESIGNATION SAND SPRINGS
LONGITUDE 107° 29.50' W (1)	
ELEVATION METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1227-0		g= 980 556.04 mgals	
IGC 15577J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at the U. S. Post Office in Sand Springs, Mont., one foot west of the telephone booth, and one foot south from the south wall of the Post Office. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 O-415

926

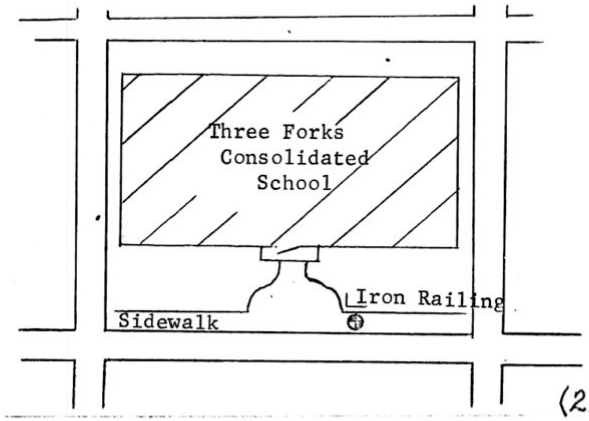
GRAVITY BASE STATION

LATITUDE 45° 53.75' N (1)	STATION DESIGNATION THREE FORKS
LONGITUDE 111° 33.25' W (1)	
ELEVATION 1243.8 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1231-0		g= 980 303.79 mgals	
IGC 15651J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at the Three Forks Consolidated School in Three Forks, Mont., two feet east of the iron railing located at the NE corner of the intersection of the school walk and the sidewalk. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

927

ACIC HQ FORM FEB 69 0-415

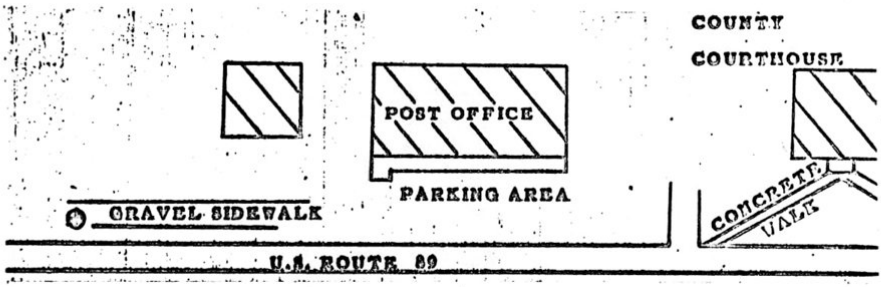
GRAVITY BASE STATION

LATITUDE 46° 33.00' N (1)	STATION DESIGNATION WHITE SULPHUR SPRINGS
LONGITUDE 110° 54.00' W (1)	
ELEVATION 1526.73 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1233-0		g = 980 304.81 mgals	
IGC 15660J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located approximately 400 feet west of the U. S. Post Office in White Sulphur Springs, Mont., three feet south of Montana State Highway Survey Bench Mark. The B. M. is a standard disk stamped "Mont. State Road Elev. 5,008.97", and placed on top of a concrete post, four feet above the ground. The post is marked "FA SS 49 (7)". (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 O-415

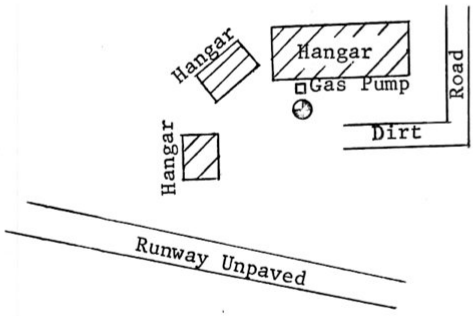
928

GRAVITY BASE STATION

LATITUDE 47° 33.50' N (1)	STATION DESIGNATION WINIFRED
LONGITUDE 109° 22.50' W (1)	
ELEVATION 999.0 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 1234-0; IGC 15579P	ADOPTED GRAVITY VALUE: g = 980 552.03 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located at Winifred Airport, Winifred, Mont., two feet south of the gasoline pump at the airport. The gasoline pump is located near the SW corner of the most eastern hangar. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

929

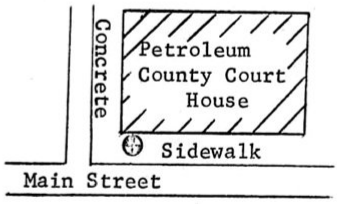
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 47° 00.25' N (1)	STATION DESIGNATION WINNETT
LONGITUDE 108° 21.00' W (1)	
ELEVATION 899.89 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 1235-0; IGC 15578B	ADOPTED GRAVITY VALUE: g= 980 546.87 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located in Winnett, Mont., at the Petroleum County Court House; one foot south of USC&GS BM K89. The BM is located on the south wall, six inches east from the intersection of the south and west walls of the Petroleum County Court House. The BM is a standard disk stamped "K 89 1934 2952.389 ft."; and placed vertically in the south wall nine inches above concrete sidewalk. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 0-415

930

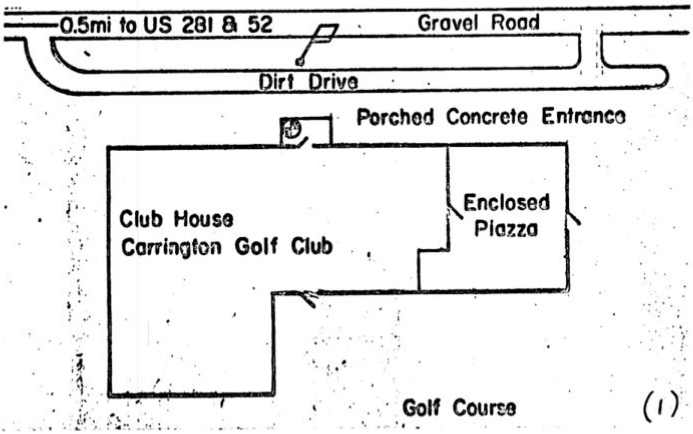
GRAVITY BASE STATION

LATITUDE 47° 26.4' N (1)	STATION DESIGNATION CARRINGTON
LONGITUDE 99° 07.0' W (1)	
ELEVATION 481.9 METERS (1)	COUNTRY/STATE USA/North Dakota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1247-0		g = 980 710.31 mgals	
IGC 15479J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

Station is located in Carrington, at the Club House of the Carrington Golf Club, on the northwest corner of the porched concrete entrance to the north side of the building. Station is monumented with a USC&GS gravity station disk inscribed "Carrington 1955." (1)



(1)

REFERENCE SOURCE

(1) 02313 (2) 05099

931

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 35° 37.98'N (1)	STATION DESIGNATION IBEX PASS
LONGITUDE 116° 17.40'W (1)	
ELEVATION 144.5 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1249-1		g= 979 693.08 mgals	
C 283			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At the junction of State Highway 127 and the Ashford Mill Road, 66 feet south of the center line of the Ashford Mill Road and 45 feet west of the center line of State Highway 127. Reading on ground, 1.3 feet below disc (USC&GS Z-684). (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 O-415

932

GRAVITY BASE STATION

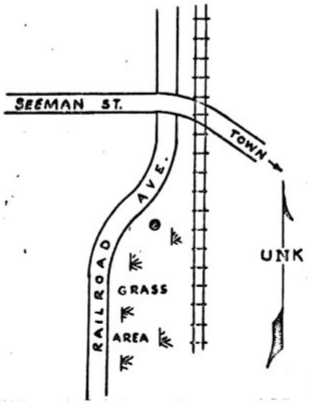
LATITUDE 48° 15'N (1)	STATION DESIGNATION DARRINGTON
LONGITUDE 121° 37'W (1)	
ELEVATION 169.4 METERS (1)	COUNTRY/STATE USA/Washington

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1257-0		g= 980 784.44 mgals	
IGB 15781B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is near the intersection of Seeman St. and Railroad Ave., between the railroad track and Railroad Ave.

It is marked by a State Highway Department bronze disk set in a square concrete monument. (1)



(1)

REFERENCE SOURCE

(1) 02615

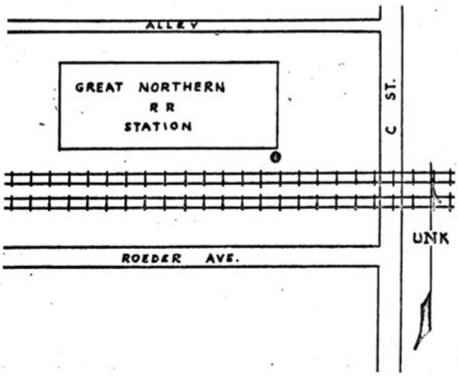
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
LONGITUDE	BELLINGHAM
ELEVATION 5.0 METERS (1)	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1258-1 IGB 15782B	g= 980 888.12 mgals
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is located in Bellingham, at the railroad station.

The site is at the corner of the Great Northern Station building nearest C street and the tracks. It is marked by a USC&GS bronze disk. (1)



(1)

REFERENCE SOURCE

(1) 02615

ACIC HQ FORM FEB 69 0-415

934

GRAVITY BASE STATION

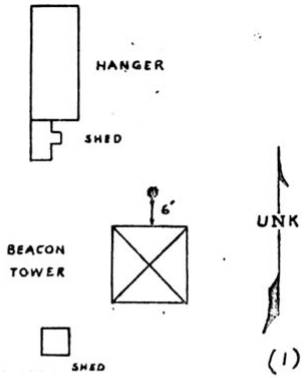
LATITUDE 47° 15'N (1)	STATION DESIGNATION EASTON
LONGITUDE 121° 12'W (1)	
ELEVATION 676.8 METERS (1)	COUNTRY/STATE USA/Washington

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1259-0		g= 980 605.62 mgals	
IGB 15771J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is at the Easton Airport, near the beacon tower, between the tower and the hangar.

The site is marked by a USC&GS bronze disk set in concrete. (1)



(1)

REFERENCE SOURCE

(1) 02615

935

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 47° 20.5'N (1)	STATION DESIGNATION ODESSA
LONGITUDE 118° 41.0'W (1)	
ELEVATION 472.3 METERS (1)	COUNTRY/STATE USA/Washington

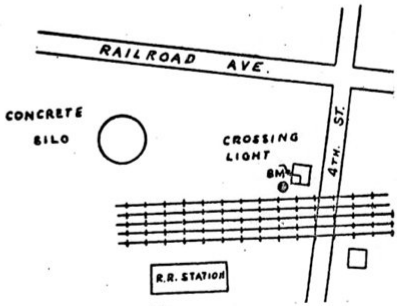
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1260-0		g= 980 676.42 mgals	
IGB 15678B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is at the Odessa railroad station.

The site is at the crossing light on the north side of the tracks on Fourth Street, at the SW corner of the concrete base.

The station is marked by a USC&GS bronze disk. (1)



(1)

REFERENCE SOURCE

(1) 02615

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 47° 07.0'N (1)	STATION DESIGNATION MOSES LAKE
LONGITUDE 119° 17.0'W (1)	
ELEVATION 329.3 METERS (1)	COUNTRY/STATE USA/Washington

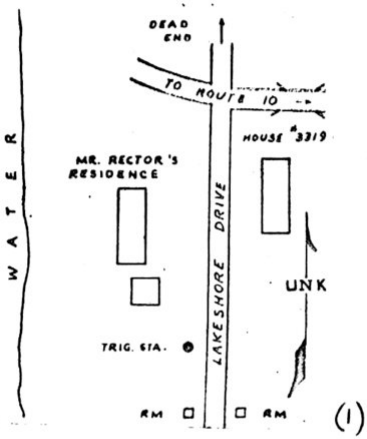
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1261-0		g= 980 695.66 mgals	
IGB 15679B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is at Moses Lake, just off of Lakeshore Drive on the lake side.

The next house toward the dead end on the station side of the drive is Mr. Rector's, and on the other side in no. 3319.

The station is marked by an USC&GS bronze disk set in concrete. (1)



REFERENCE SOURCE

(1) 02615

937

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

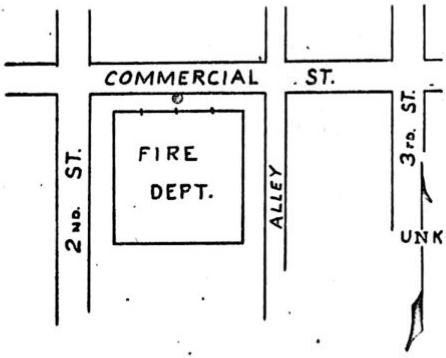
LATITUDE 46° 42'N (1)	STATION DESIGNATION RAYMOND
LONGITUDE 123° 44'W (1)	
ELEVATION 4.2 METERS (1)	COUNTRY/STATE USA/Washington

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1264-0		g= 980 793.05 mgals	
IGB 15763B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is located in the town of Raymond, on Commercial Street, in front of the Fire Department building.

The site is marked by a USC&GS bronze disk. Readings were made on the sidewalk directly below the bench marks. (1)



(1)

REFERENCE SOURCE

(1) 02615

ACIC HQ FORM FEB 68 O-415

938

GRAVITY BASE STATION

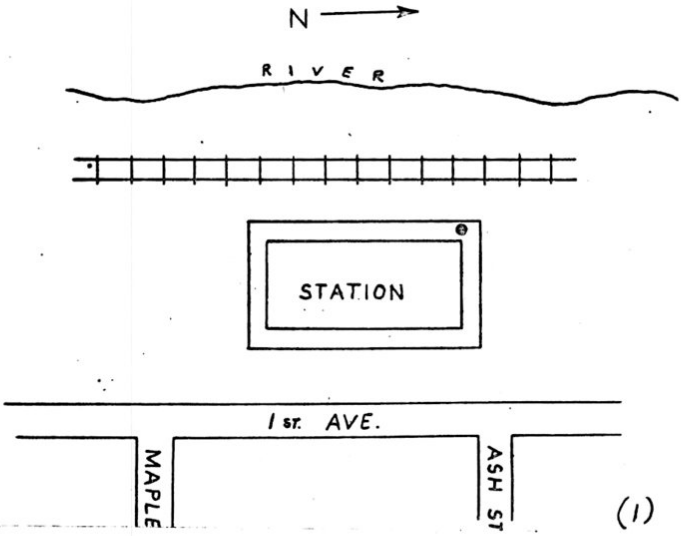
LATITUDE 46° 10'N (1)	STATION DESIGNATION KELSO
LONGITUDE 122° 55'W (1)	
ELEVATION 9.0 METERS (1)	COUNTRY/STATE USA/Washington

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1266-0		g= 980 721.97 mgals	
IGB 15762B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is located in Kelso, at the northwest corner of the railroad station.

The site is marked by a USGS bronze disk. (1)



(1)

REFERENCE SOURCE

(1) 02615

939

ACIC HQ FORM FEB 69 0-415

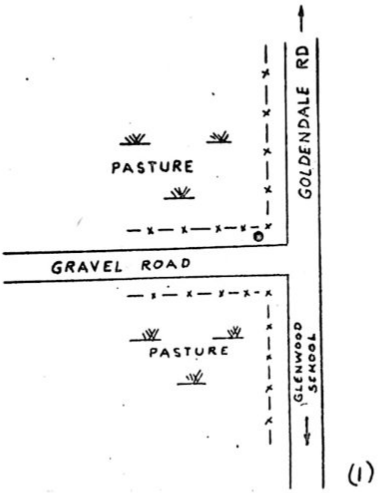
GRAVITY BASE STATION

LATITUDE 46° 01.5'N (1)	STATION DESIGNATION GLENWOOD
LONGITUDE 121° 17.0'W (1)	
ELEVATION 575.6 METERS (1)	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS: ACIC 1268-0, IGB 15761B	ADOPTED GRAVITY VALUE: g= 980 524.34 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR Nov/1969

DESCRIPTION AND/OR SKETCH

The station is located north of the school building and northwest of the intersection of a gravel road and the Goldendale Road.

The site is marked by a USGS bronze disk and is between the road and the fence. (1)



(1)

REFERENCE SOURCE

(1) 02615

940

ACIC HQ FORM FEB 69 0-415

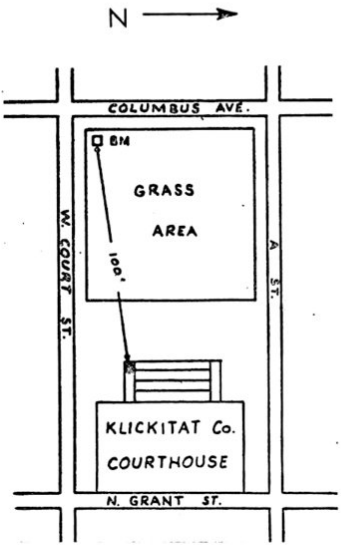
GRAVITY BASE STATION

LATITUDE 45° 50'N (1)	STATION DESIGNATION GOLDENDALE
LONGITUDE 120° 48.5'E (1)	
ELEVATION 497.8 METERS (1)	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS: ACIC 1269-0; IGB 15750B	ADOPTED GRAVITY VALUE: g= 980 540.67 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is at the Klickitat County Courthouse, between West Court Street and A Street. Observations were made on the steps leading to the west entrance on the flat area part way up the flight, on the south side.

The site is 100 feet ENE of a USC&GS bronze disk at the northeast corner of the intersection of W. Court St. and Columbus Ave. (1)



(1)

REFERENCE SOURCE

(1) 02615

941

ACIC HQ FORM FEB 69 O-415

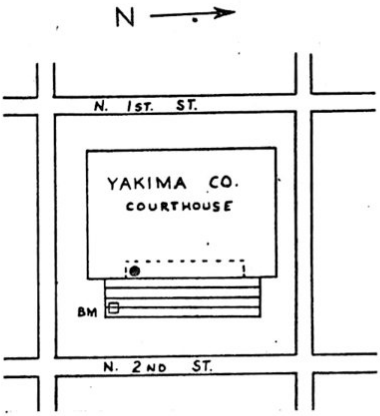
GRAVITY BASE STATION

LATITUDE 46° 36.0'N (1)	STATION DESIGNATION YAKIMA
LONGITUDE 120° 30.5'W (1)	
ELEVATION 324.9 METERS (1)	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS: ACIC 1270-0	ADOPTED GRAVITY VALUE: g= 980 616.80 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is at the main entrance to the Yakima County Courthouse, to the south of the entrance, on the top step.

A USC&GS bronze disk is at the bottom of the flight of steps on the south side. (1)



(1)

REFERENCE SOURCE

(1) 02615

GRAVITY BASE STATION

LATITUDE 38° 40.0' N (1)	STATION DESIGNATION
LONGITUDE 88° 29.3' W (1)	FLORA
ELEVATION 151.3 METERS (1)	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1273-1	g= 980 013.64 mgals
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in the town of Flora, at the B & O railroad station. The site is the southwest corner of the platform, and is marked by a steel pin in the west curbing 160 inches from the northernmost track. (1)

REFERENCE SOURCE

(1) 02556

943

ACIC HQ FORM FEB 69 0-415

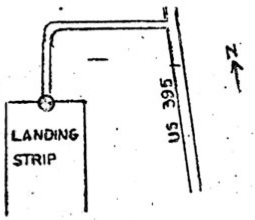
GRAVITY BASE STATION

LATITUDE 43° 05.3'N (1)	STATION DESIGNATION ALKALI LAKE
LONGITUDE 119° 57.5'W (1)	
ELEVATION METERS	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 1277-0	ADOPTED GRAVITY VALUE: g= 980 047.30 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 1/72

DESCRIPTION AND/OR SKETCH

The observations were made at Alkali Lake Airport in Oregon.

The site is located at the north edge of the landing strip, in line with the center line of the road leading to the landing strip from Highway 395. (1)



(1)

REFERENCE SOURCE

(1) 01110

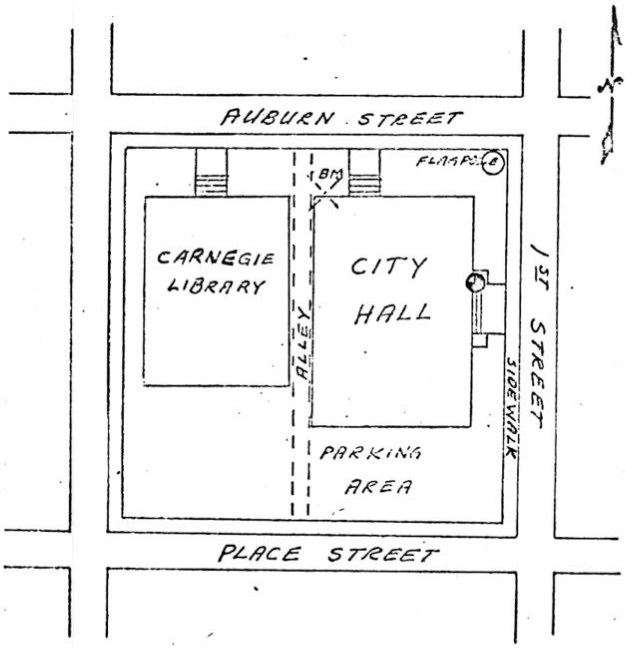
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 44° 46.45'N (1)	STATION DESIGNATION BAKER
LONGITUDE 117° 49.84'W (1)	
ELEVATION 1051.0 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 1279-2; IGB 15647B	ADOPTED GRAVITY VALUE: g= 980 262.09 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Baker, Oregon, at the Baker City Hall, at the east entrance (1st Street side) on top of the north coping of the steps. Approximately same elevation as BM L-2 USC & GS 1904. The station is located in Baker, Oregon, on 1st Street between Place and Auburn Street. (1)



(1)

REFERENCE SOURCE

(1) 03682

945

ACIC HQ FORM FEB 69 O-415

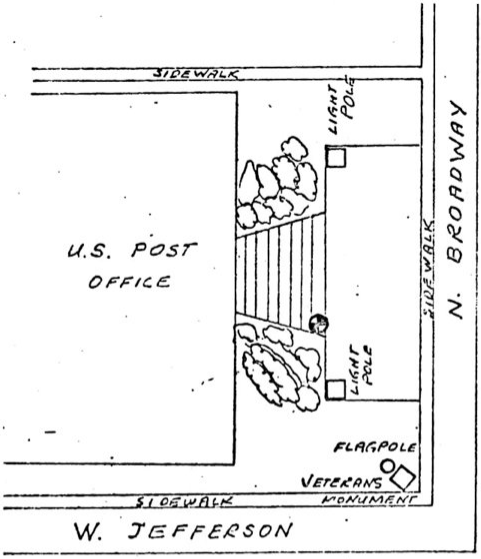
GRAVITY BASE STATION

LATITUDE 43° 35.3'N (1)	STATION DESIGNATION BURNS
LONGITUDE 119° 03.2'W (1)	
ELEVATION 1266.4 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 1280-1; IGB 15639B	ADOPTED GRAVITY VALUE: g= 980 110.28 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Burns, Oregon, at the US Post Office, on the south end of the first step above the sidewalk, at the North Broadway entrance.

Station is located in Burns, Oregon, at the US Post Office, at the intersection of North Broadway and West Jefferson Streets. (1)



(1)

REFERENCE SOURCE

(1) 03682

ACIC HQ FORM FEB 69 O-415

946

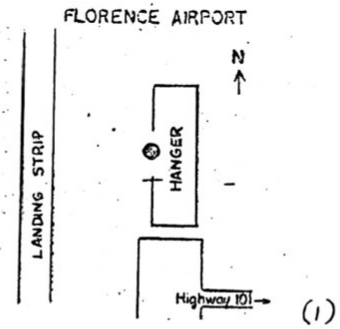
GRAVITY BASE STATION

LATITUDE 43° 58.7'N (1)	STATION DESIGNATION FLORENCE
LONGITUDE 124° 06.5'W (1)	
ELEVATION 15.5 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 1281-0	ADOPTED GRAVITY VALUE: g= 980 548.73 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 1/72

DESCRIPTION AND/OR SKETCH

The observations were made at Florence Airport in Oregon.

The site is located under the west entrance to the hangar at the center line of the doors. (1)



(1)

REFERENCE SOURCE

(1) 01110

947

ACIC HQ FORM FEB 69 0-415

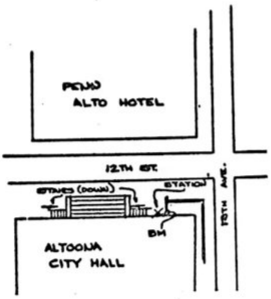
GRAVITY BASE STATION

LATITUDE 40° 30.0' N (1)	STATION DESIGNATION ALTOONA
LONGITUDE 78° 25.0' W (1)	
ELEVATION 367.139 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 1284-0	ADOPTED GRAVITY VALUE: g= 980 099.26 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is located in the town of Altoona, at City Hall. It is 25 feet east of the north entrance, on ground level.

On the wall above the site is a USC&GS bench mark disk. (1)



(1)

REFERENCE SOURCE

(1) 02616

948

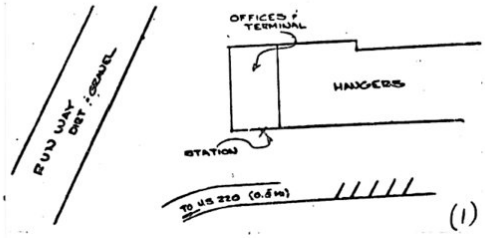
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 40° 05.8' N (1)	STATION DESIGNATION BEDFORD
LONGITUDE 78° 31.5' W (1)	
ELEVATION 336.0 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 1285-0	ADOPTED GRAVITY VALUE: g = 980 065.82 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is located at the Bedford Airstrip, on ground level 6 feet east of the southwest corner of the terminal building. (1)



(1)

REFERENCE SOURCE

(1) 02616

949

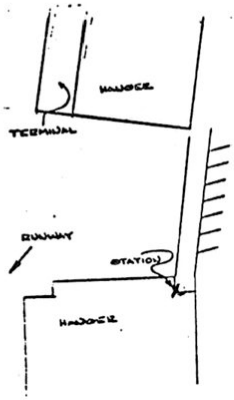
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 46.0' N (1)	STATION DESIGNATION BUTLER
LONGITUDE 79° 56.5' W (1)	
ELEVATION 376.0 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 1286-0	ADOPTED GRAVITY VALUE: g = 980 117.20 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: Nov/1967

DESCRIPTION AND/OR SKETCH

The station is at the Butler County Airport, at the northeast corner of the south hangar, 2 feet west of the doorway. (1)



(1)

REFERENCE SOURCE

(1) 02616

ACIC HQ FORM FEB 69 O-415

950

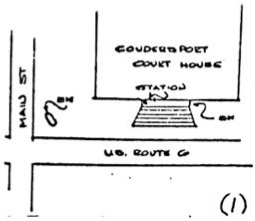
GRAVITY BASE STATION

LATITUDE 41° 46.5' N (1)	STATION DESIGNATION COUDERSPORT
LONGITUDE 78° 01.2' W (1)	
ELEVATION 504.566 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 1287-0	ADOPTED GRAVITY VALUE: g = 980 204.72 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is located in the town of Coudersport, at the Potter County Courthouse. Observations were made at the entrance facing U. S. Route 6, on the west end of the top step.

A USC&GS disk is embedded in a stone memorial to David Zeisberger, 150 feet west of the gravity station. (1)



(1)

REFERENCE SOURCE

(1) 02616

951

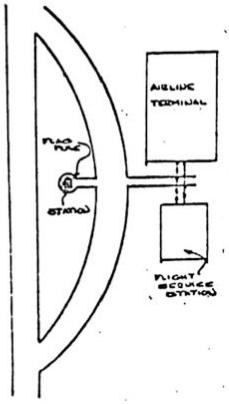
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 10.8' N (1)	STATION DESIGNATION DUBOIS
LONGITUDE 78° 53.8' W (1)	
ELEVATION 552.91 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 1288-0	ADOPTED GRAVITY VALUE: g= 980 137.60 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is at Dubois Airport, in front of the base of the flag pole. (1)



(1)

REFERENCE SOURCE

(1) 02616

ACIC HQ FORM FEB 69 0-415

952

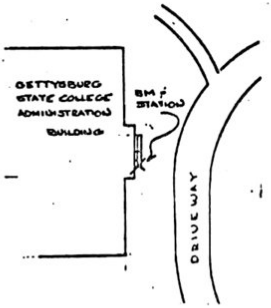
GRAVITY BASE STATION

LATITUDE 39° 50.0' N (1)	STATION DESIGNATION GETTYSBURG
LONGITUDE 77° 14.9' W (1)	
ELEVATION 160.278 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 1289-0	ADOPTED GRAVITY VALUE: g= 980 102.88 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in Gettysburg, at Gettysburg College. It is at the Administration Building, on the south side of the bottom step.

The site is marked by a USGS BM disk embedded in the step. (1)



(1)

REFERENCE SOURCE

(1) 02616

953

ACIC HQ FORM FEB 69 0-415

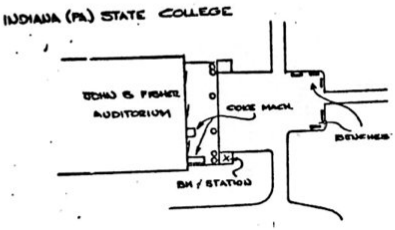
GRAVITY BASE STATION

LATITUDE 40° 37.1' N (1)	STATION DESIGNATION INDIANA
LONGITUDE 79° 09.5' W (1)	
ELEVATION 400.810 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 1290-0	ADOPTED GRAVITY VALUE: g= 980 110.03 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is at Indiana State College. The site is at the east entrance to the John S. Fisher auditorium, on the concrete slab in front of the southernmost pillars.

The site is marked with a USGS bench mark. (1)



(1)

REFERENCE SOURCE

(1) 02616

ACIC HQ FORM FEB 68 0-415

954

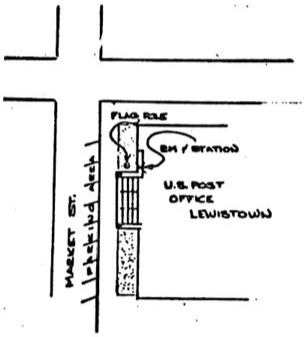
GRAVITY BASE STATION

LATITUDE 40° 35.9' N (1)	STATION DESIGNATION LEWISTOWN
LONGITUDE 77° 34.3' W (1)	
ELEVATION 182.424 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 01291-0	ADOPTED GRAVITY VALUE: g= 980 155.70 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in Lewistown, at the post office. It is 15 feet north of the entrance on a concrete ledge.

There is a USC&GS BM on the site. (1)



(1)

REFERENCE SOURCE

(1) 02616

955

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

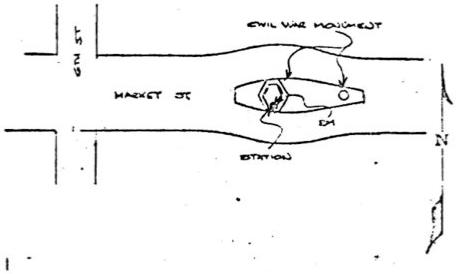
LATITUDE 40° 41.0'N (1)	STATION DESIGNATION POTTSVILLE
LONGITUDE 76° 11.9'W (1)	
ELEVATION 200.318 METERS (1)	COUNTRY/STATE USA/Pennsylvania

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1293-0		g= 980 146.84 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 11/67

DESCRIPTION AND/OR SKETCH

The station is located in the town of Pottsville, at the Civil War monument on Market Street. It is on a concrete base on the south side of the west monument.

Two feet above the site is a USC & GS disk. (1)



(1)

REFERENCE SOURCE

(1) 02616

ACIC HQ FORM FEB 69 0-415

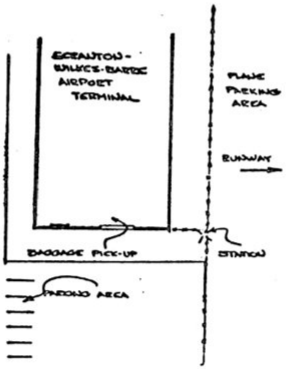
956

GRAVITY BASE STATION

LATITUDE 41° 20.5' N (1)	STATION DESIGNATION SCRANTON
LONGITUDE 75° 43.5' W (1)	
ELEVATION 280.0 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 1294-0	ADOPTED GRAVITY VALUE: g= 980 223.57 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is at the Scranton-Wilkes-Barre Airport. It is at the terminal building, 12 feet east of the southeast corner, on the ground in a corner formed by the intersection of two fences. (1)



(1)

REFERENCE SOURCE

(1) 02616

957

ACIC HQ FORM FEB 69 0-415

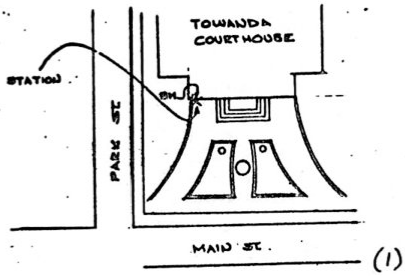
GRAVITY BASE STATION

LATITUDE 41° 46.0' N (1)	STATION DESIGNATION TOWANDA
LONGITUDE 76° 26.6' W (1)	
ELEVATION 224.26 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 1295-0	ADOPTED GRAVITY VALUE: g= 980 231.60 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in the town of Towanda, at the Bradford County courthouse on the corner of Park St. and Main St.

The site is 9 feet west of the south entrance, on the pavement below a BM, USGS disk stamped "PA 1928." (1)



(1)

REFERENCE SOURCE

(1) 02616

ACIC HQ FORM FEB 69 O-415

958

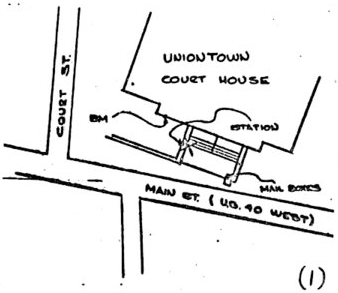
GRAVITY BASE STATION

LATITUDE 39° 54.2' N (1)	STATION DESIGNATION UNIONTOWN
LONGITUDE 79° 43.5' W (1)	
ELEVATION 303.87 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 1296-0	ADOPTED GRAVITY VALUE: g= 980 064.20 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in the town of Uniontown, at the Fayette County courthouse, facing Main Street and bounded on the west by Court Street.

The site is at the bottom of the steps of the south entrance, on their west side. A USGS BM is on the courthouse wall 15 feet to the northwest. (1)



(1)

REFERENCE SOURCE

(1) 02616

959

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

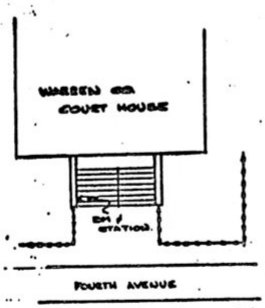
LATITUDE 41° 50.9' N (1)	STATION DESIGNATION WARREN
LONGITUDE 79° 08.8' W (1)	
ELEVATION 368.40 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 1297-0	ADOPTED GRAVITY VALUE: g= 980 232.42 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals / DATE: MONTH/YEAR Nov./1967

DESCRIPTION AND/OR SKETCH

The station is located in the town of Warren, at the Warren County courthouse.

The site is at the south entrance, facing Fourth Avenue. It is on the west side of the flight of steps, on the second step from the bottom.

The site is marked by a USC&GS BM disk. (1)



(1)

REFERENCE SOURCE

(1) 02616

ACIC HQ FORM FEB 69 0-415

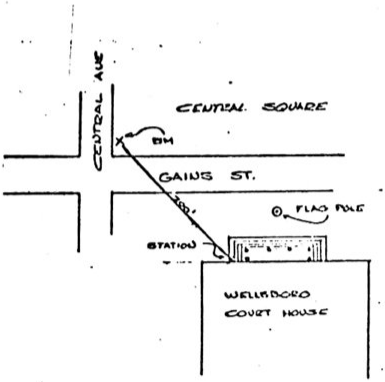
GRAVITY BASE STATION

LATITUDE 41° 44.8' N (1)	STATION DESIGNATION WELLSBORO
LONGITUDE 77° 17.3' W (1)	
ELEVATION 399.96 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1298-0	g= 980 203.38 mgals
	ESTIMATED ACCURACY / DATE
	± 0.3 mgals / MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in the town of Wellsboro, at the north entrance to the courthouse.

The site is the southwest corner of the steps, on top of the bottom step. (1)



(1)

REFERENCE SOURCE

(1) 02616

961

ACIC HQ FORM FEB 69 0-415

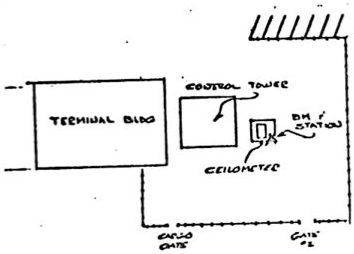
GRAVITY BASE STATION

LATITUDE 41° 14.7' N (1)	STATION DESIGNATION WILLIAMSPORT
LONGITUDE 76° 55.1' W (1)	
ELEVATION 161.247 m. METERS (1)	COUNTRY/STATE USA/Pa.
REFERENCE CODE NUMBERS: ACIC 1299-0	ADOPTED GRAVITY VALUE: g= 980 206.22 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: Nov/1967

DESCRIPTION AND/OR SKETCH

The station is near Montoursville, at Williamsport Airport. The site is about nine feet east of the control tower, on the southeast corner of the base of the Weather Bureau's ceilometer.

The station is marked by a USC&GS disk. (1)



PLANED

(1)

REFERENCE SOURCE

(1) 02616

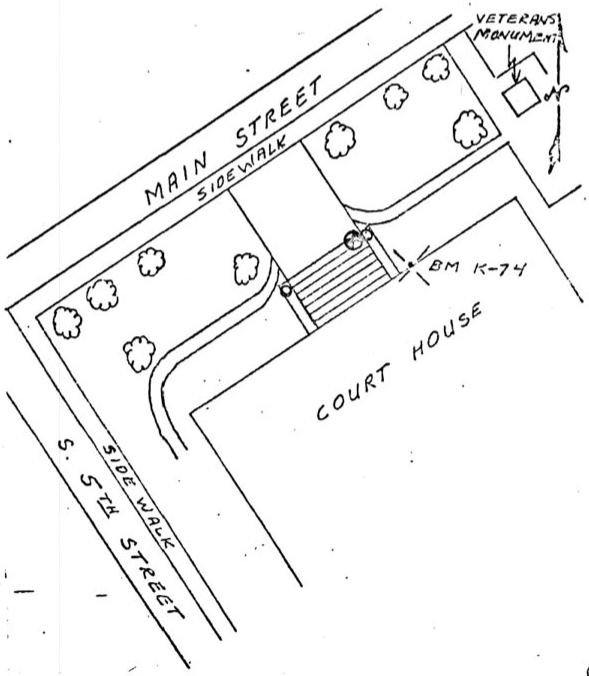
GRAVITY BASE STATION

LATITUDE 42° 13.4'N (1)	STATION DESIGNATION KLAMATH FALLS
LONGITUDE 121° 46.9'W (1)	
ELEVATION 1250.2 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1300-2	g= 979 995.61 mgals
IGB 15721B	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Klamath Falls, Oregon, at the Klamath County Court House, on the first step, at the northeast end of the Main Street entrance. Station is 42" below and 12 ft northwest of USC & GS BM K-74, 1941.

Station is located in Klamath Falls, Oregon on Main Street between South 4th and South 5th Streets, at the County Court House. (1)



(1)

REFERENCE SOURCE

(1) 03682

963

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 24.0'N (1)	STATION DESIGNATION NORTH BEND
LONGITUDE 124° 15.4'W (1)	
ELEVATION 1.2 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 1301-0, WA 256	ADOPTED GRAVITY VALUE: g= 980 491.50 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 1/72

DESCRIPTION AND/OR SKETCH

The observations were made at the North Bend Airport in Oregon.

The site is located at the field end of the sidewalk from the terminal. (1)

REFERENCE SOURCE

(1) 01110

ACIC HQ FORM FEB 69 O-415

964

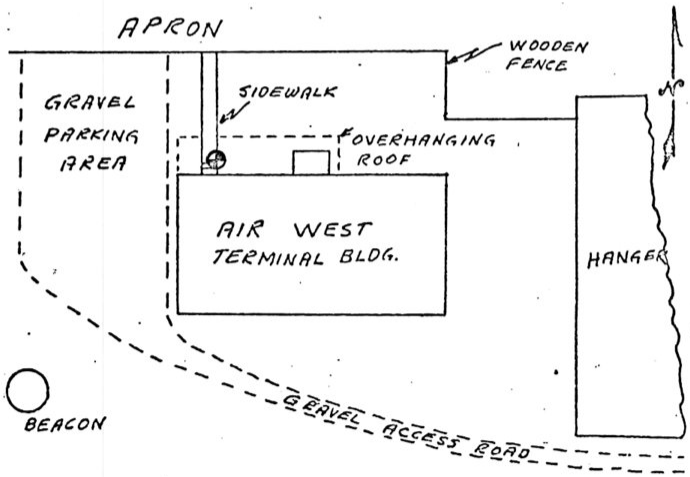
GRAVITY BASE STATION

LATITUDE 44°01.30'N (1)	STATION DESIGNATION ONTARIO
LONGITUDE 117°00.50'W (1)	
ELEVATION 666.9 (1) METERS	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: DOD 1302-0; IGB 15646J	ADOPTED GRAVITY VALUE: g= 980 303.49 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR June 1974

DESCRIPTION AND/OR SKETCH

Ontario, Oregon, at the Ontario Airport, on the concrete sidewalk, at ground level against the first step, at the western most entrance and on the N side of the Air West Terminal Bldg.

Station is 0.2 miles W of U.S. Route 20 and on the west side of the city of Ontario. (1)



(1)

REFERENCE SOURCE

(1) 3699

965

ACIC HQ FORM FEB 68 O-415

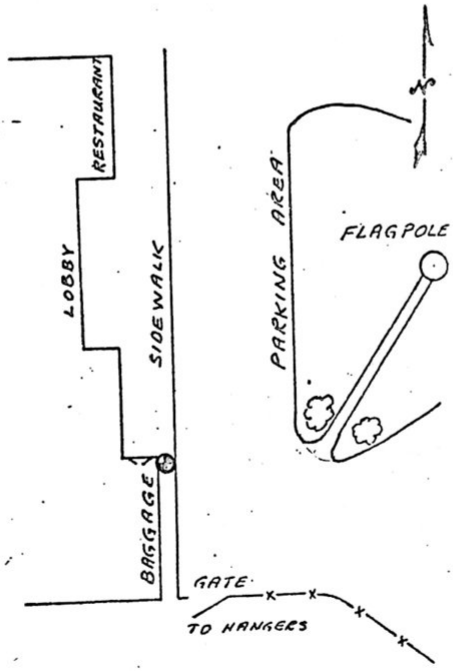
GRAVITY BASE STATION

LATITUDE 45°41.5'N (1)	STATION DESIGNATION PENDLETON
LONGITUDE 118°50.4'W (1)	
ELEVATION 454.15 (1) METERS	COUNTRY/STATE USA/Oregon

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
DOD 1303-I		g= 980 510.47 mgals	
IGB 15658J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR June 1974

DESCRIPTION AND/OR SKETCH

Pendleton, Oregon, at the Pendleton Airport Terminal Bldg., at the SE corner of the bldg, at the corner of the entrance to the baggage claim area, on a concrete sidewalk. Station is located about 1 mile north of U.S. Route 30 and 1.5 miles west of junction of U.S. Route 30 and 395. (1)



(1)

REFERENCE SOURCE

(1) 3699

ACIC HQ FORM FEB 69 0-415

966

GRAVITY BASE STATION

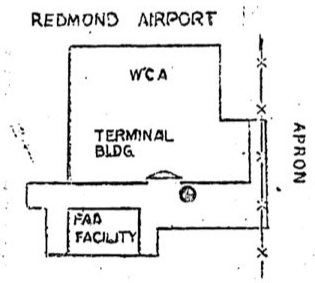
LATITUDE 44° 15.3'N (1)	STATION DESIGNATION REDMOND
LONGITUDE 121° 09.1'W (1)	
ELEVATION 937.9 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 1304-0	ADOPTED GRAVITY VALUE: g= 980 261.00 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 1/72

DESCRIPTION AND/OR SKETCH

The observations were made at Redmond Airport in Oregon.

The site is located 5 feet southeast of the main doorway on the southwest side of the terminal building against the outside wall.

(1)



(1)

REFERENCE SOURCE

(1) 01110

967

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 44° 50.18'N (1)	STATION DESIGNATION RITTER
LONGITUDE 119° 03.85'W (1)	
ELEVATION 1220.1 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 1305-0	ADOPTED GRAVITY VALUE: g= 980 255.80 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE MONTH/YEAR: 1/72

DESCRIPTION AND/OR SKETCH

The observations were made along Highway 395, 9 miles north from Long Creek, at the junction of the county road leading west to Ritter, Oregon.

The site is located east of the triangulation station "TAR" on the west edge of the blacktop of the road. (1)

REFERENCE SOURCE

(1) 01110

ACIC HQ FORM FEB 69 O-415

968

GRAVITY BASE STATION

LATITUDE 43° 13.6'N (1)	STATION DESIGNATION ROSEBURG
LONGITUDE 123° 22.0'W (1)	
ELEVATION 152.4 METERS (1)	COUNTRY/STATE USA/Oregon

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1306-0		g= 980 427.27 mgals	
WA 257			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/72

DESCRIPTION AND/OR SKETCH

The observations were made at the Roseburg Airport in Oregon.

The site is located twenty feet north of the airline shack. (1)

REFERENCE SOURCE

(1) 01110

969

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 44° 54.7'N (1)	STATION DESIGNATION SALEM
LONGITUDE 123° 00.0'W (1)	
ELEVATION 63.1 METERS (1)	COUNTRY/STATE USA/Oregon

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1307-0		g= 980 582.74 mgals	
WA 56			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/72

DESCRIPTION AND/OR SKETCH

The observations were made at Salem Airport in Oregon.

The site is located at the barrier opposite the terminal lobby entrance. (1)

REFERENCE SOURCE

(1) 01110

ACIC HQ FORM FEB 69 0-415

970-

GRAVITY BASE STATION

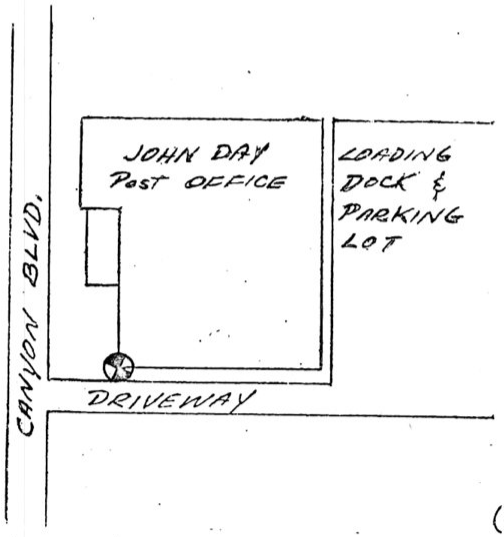
LATITUDE 44° 25.05'N (1)	STATION DESIGNATION JOHN DAY
LONGITUDE 118° 57.10'W (1)	
ELEVATION 939.4 METERS (1)	COUNTRY/STATE USA/Oregon

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1308-1		g= 980 242.06 mgals	
IGB 15648B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

John Day B is in John Day, Oregon, 3/4 block north of Main Street (Oregon Route #26), on Canyon Boulevard, at the US Post Office, at the southwest corner, against the south wall of the building on the concrete sidewalk.

NOTE: The intersection of Main Street and Canyon Boulevard is also the junction of Oregon Route 395 with Oregon Route 26. (1)



(1)

REFERENCE SOURCE

(1) 03682

971

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 42° 28.8' N (1)	STATION DESIGNATION EAST DUBUQUE
LONGITUDE 90° 37.4' W (1)	
ELEVATION 186.5 METERS (1)	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS: ACIC 1433-1	ADOPTED GRAVITY VALUE: g= 980 331.29 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in the town of East Dubuque, at the NE corner of the intersection of Wisconsin and Sinsinawa Aves., in the SW corner of the yard of City Hall.

It is also the site of USGS BM 611, and is marked by a disk in a concrete post. (1)

REFERENCE SOURCE

(1) 02556

ACIC HQ FORM FEB 69 0-415

972

GRAVITY BASE STATION

LATITUDE 42° 14.7' N (1)	STATION DESIGNATION ROCKFORD
LONGITUDE 89° 05.2' W (1)	
ELEVATION 224.1 METERS (1)	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS: ACIC 1435-1	ADOPTED GRAVITY VALUE: g= 980 308.12 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in the town of Rockford, at the T-intersection of Kishwaukee St. and 21st Avenue. The site is 29' west of the west curb of Kishwaukee St., and 67' south of the extended centerline of 21st Ave.

The location is also USGS R 222, and is marked by a standard disk set in the south face of the foundation wall of the one-story red brick building housing the Damascus Steel Prod. Corp. (1)

REFERENCE SOURCE

(1) 02556

973

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 19.5' N (1)	STATION DESIGNATION MORRIS
LONGITUDE 88° 24.0' W (1)	
ELEVATION 167.5 METERS (1)	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS: ACIC 1441-1	ADOPTED GRAVITY VALUE: g = 980 242.57 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in T33N, R7E, 0.25 mile south of the northwest corner of sec. 23. The site is in the southeast quadrant of a road junction, and is marked by a standard iron post with a bronze cap stamped "596." (1)

REFERENCE SOURCE

(1) 02556

ACIC HQ FORM FEB 69 0-415

974

GRAVITY BASE STATION

LATITUDE 41° 08.1' N (1)	STATION DESIGNATION GALVA
LONGITUDE 90° 02.5' W (1)	
ELEVATION 249.9 METERS (1)	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS: ACIC 1442-1	ADOPTED GRAVITY VALUE: g= 980 205.51 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is 2.0 miles south of the town of Galva, near the southwest corner of Sec. 3, T13N, R4E. The site is 30 feet north and 47 feet east of a road intersection. It is marked by a concrete post carrying a standard tablet inscribed "Prim. Trav. Sta. No. 134 K 1924." (1)

REFERENCE SOURCE

(1) 02556

975

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 40° 33.2'N (1)	STATION DESIGNATION CANTON
LONGITUDE 90° 02.2'W (1)	
ELEVATION 199.4 METERS (1)	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS: ACIC 1443-1	ADOPTED GRAVITY VALUE: g= 980 159.27 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in the town of Canton, at the high school building. The site is at the east main entrance, between the southernmost door and the pillar, in the top step.

The station is marked by an aluminum tablet inscribed "USGS 655 1909".

(1)

REFERENCE SOURCE

(1) 02556

ACIC HQ FORM FEB 69 0-415

976

GRAVITY BASE STATION

LATITUDE 40° 10.4' N (1)	STATION DESIGNATION BADER
LONGITUDE 90° 22.1' W (1)	
ELEVATION 187.8 METERS (1)	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS: ACIC 1445-1	ADOPTED GRAVITY VALUE: g= 980 119.55 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in the town of Bader, on the south side of the road, in line with the road north.

The site is 150 feet southwest of a store building, and is marked with a concrete post carrying a standard USC&GS tablet marked "14S 1923." (1)

REFERENCE SOURCE

(1) 02556

977

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 09.2' N (1)	STATION DESIGNATION CLINTON
LONGITUDE 88° 53.4' W (1)	
ELEVATION 218.1 METERS (1)	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS: ACIC 1446-1	ADOPTED GRAVITY VALUE: g= 980 128.25 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

From the town of Clinton, the station is 3.5 miles east along State Highway 10. The site is 100 feet east of a drain under the highway, 59 feet south of the highway centerline, and three feet north of the fence line.

The station is marked by a concrete post carrying a standard tablet stamped "TT16RE 1956." (1)

REFERENCE SOURCE

(1) 02556

ACIC HQ FORM FEB 69 0-415

978

GRAVITY BASE STATION

LATITUDE 40° 06.0' N (1)	STATION DESIGNATION URBANA
LONGITUDE 88° 13.9' W (1)	
ELEVATION 229.0 METERS (1)	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS: ACIC 1448-1	ADOPTED GRAVITY VALUE: g = 980 127.85 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in Urbana, about 10 feet from the southeast corner of Sixth and Peabody, and about 20 feet from the northwest corner of the Natural Resources Building.

The site is also University of Illinois BM No. 12. (1)

REFERENCE SOURCE

(1) 02556

979

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 01.3' N (1)	STATION DESIGNATION PALOMA
LONGITUDE 91° 12.3' W (1)	
ELEVATION 226.3 METERS (1)	COUNTRY/STATE USA/Illinois

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 1450-1	g= 980 113.93 mgals	
	ESTIMATED ACCURACY	DATE
	± 0.1 mgals	MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in the town of Paloma, 0.3 mile west of the railroad station. The site is at a road junction, 35 feet south and 15 feet west of the junction, and is also the location of USGS BM 743, marked by a standard iron post with a bronze cap. (1)

REFERENCE SOURCE

(1) 02556

ACIC HQ FORM FEB 69 O-415

980

GRAVITY BASE STATION

LATITUDE 39° 37.6' N (1)	STATION DESIGNATION SULLIVAN
LONGITUDE 88° 34.0' W (1)	
ELEVATION 197.6 METERS (1)	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS: ACIC 1451-1	ADOPTED GRAVITY VALUE: g = 980 072.52 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is 1.7 miles north and 2.3 miles east of the town of Sullivan, at Twomile School.

The site is in sec. 30, T14N, R6E, 24 feet north and 4 feet west of the cross roads.

Observations were made in the southeast corner of the school yard, by a concrete post with a standard tablet stamped "TT sta. no. 28 E 1929." (1)

REFERENCE SOURCE

(1) 02556

981

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 39° 08.8' N (1)	STATION DESIGNATION MOCCASIN
LONGITUDE 88° 45.5' W (1)	
ELEVATION 186.9 METERS	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS: ACIC 1452-1	ADOPTED GRAVITY VALUE: g= 980 027.08 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in the town of Moccasin, at the town hall, on the southeast corner of the concrete porch.

The site is marked by a square cut and is a B&O RR BM. (1)

REFERENCE SOURCE

(1) 02556

ACIC HQ FORM FEB 69 O-415

982

GRAVITY BASE STATION

LATITUDE 38° 42.3' N (1)	STATION DESIGNATION BRIDGEPORT
LONGITUDE 87° 45.6' W (1)	
ELEVATION 136.0 METERS (1)	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS: ACIC 1453-1	ADOPTED GRAVITY VALUE: g= 980 026.88 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in the town of Bridgeport, at the B & O railroad station. The site is 2 feet south of the northeast corner of the station.

The site is marked by a USC&GS standard disk in the east face of the foundation, labeled "N127 1938." (1)

REFERENCE SOURCE

(1) 02556

983

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 37° 00.4'N (1)	STATION DESIGNATION CAIRO
LONGITUDE 89° 10.4'W (1)	
ELEVATION 96.9 METERS (1)	COUNTRY/STATE USA/Illinois
REFERENCE CODE NUMBERS ACIC 1457-1	ADOPTED GRAVITY VALUE g= 979 903.25 mgals
	ESTIMATED ACCURACY ± 0.1 mgals
	DATE MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in the town of Cairo, on the southeast corner of the square at 15th St. and Washington St.

The site is in front of a cannon, one foot from the northwest sidewalk on Washington. It is marked by USC&GS BM G116. (1)

REFERENCE SOURCE

(1) 02556

ACIC HQ FORM FEB 69 O-415

984

GRAVITY BASE STATION

LATITUDE 32° 42.0' N (1)	STATION DESIGNATION MACON
LONGITUDE 83° 38.5' W (1)	
ELEVATION 107.9 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 1464-1; WA 20	ADOPTED GRAVITY VALUE: g = 979 531.23 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR Dec/1967

DESCRIPTION AND/OR SKETCH

Observations were made at Macon Municipal Airport, at the center gate in the barrier.

The building is no longer used as a passenger terminal, but is occupied by the Weather Bureau and the FAA. (1) (2)

REFERENCE SOURCE

(1) 2736 (2) 00916

985

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 32° 05.0' N (1)	STATION DESIGNATION McRAE
LONGITUDE 82° 52.9' W (1)	
ELEVATION 52.0 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 1466-1	ADOPTED GRAVITY VALUE: g = 979 489.42 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1967

DESCRIPTION AND/OR SKETCH

Observations were made northeast of McRae, Georgia, near the intersection of U. S. Highways 280, 319 & 441, on BM S-244; BM located on ground next to a pole 52 ft. N.W. of centerline of U. S. 280 and 85 feet S. E. of centerline of U. S. 319 & 441. (1)

REFERENCE SOURCE

(1) 2736

ACIC HQ FORM FEB 69 0-415

986

GRAVITY BASE STATION

LATITUDE 31° 11.3' N (1)	STATION DESIGNATION HOBOKEN
LONGITUDE 82° 04.7' W (1)	
ELEVATION 42.43 METERS (1)	COUNTRY/STATE USA/Georgia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1467-1		g= 979 431.75 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1967

DESCRIPTION AND/OR SKETCH

Observations were made in Hoboken, Georgia, at the fire tower on BM "HOBOKEN F.T." which is located near one of the concrete piers of the tower. Tower is 3.0 miles east of Hoboken on U. S. Hwy. 84. (1)

REFERENCE SOURCE

(1) 2736

987

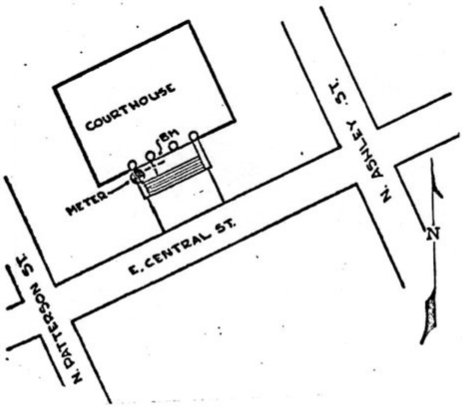
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 30° 49.8'N (1)	STATION DESIGNATION VALDOSTA
LONGITUDE 83° 16.7'W (1)	
ELEVATION 69.10 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 1468-2	ADOPTED GRAVITY VALUE: g = 979 381.18 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is located in Valdosta, Georgia at the Lowndes County Courthouse on East Central Street between North Patterson Street and North Ashley Street on the extreme back of the southwest coping. (1)



(1)

REFERENCE SOURCE

(1) 03033

ACIC HQ FORM FEB 69 O-415

988

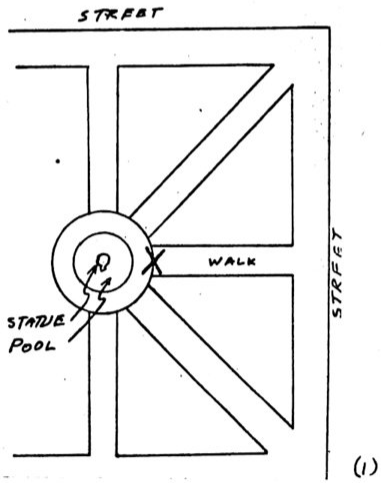
GRAVITY BASE STATION

LATITUDE 30° 54.36' N (1)	STATION DESIGNATION BAINBRIDGE
LONGITUDE 84° 34.56' W (1)	
ELEVATION 39.6 METERS (1)	COUNTRY/STATE USA/Georgia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1469-1		g= 979 387.26 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1967

DESCRIPTION AND/OR SKETCH

Observations were made in Bainbridge, Georgia, 12 feet east of the monument on the concrete walk in Courthouse Square (Willis Park). (1)



(1)

REFERENCE SOURCE

(1) 2736

989

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 38° 45.15'N (1)	STATION DESIGNATION MIDDLETOWN
LONGITUDE 122° 36.85'W (1)	
ELEVATION 336.8 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1475-1		g= 979 982.44 mgals	
C 135			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Middletown, at the southwest corner of the junction of State Highways 29 and 175, in the sidewalk. Reading on the disc (USGS 94-M). (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 O-415

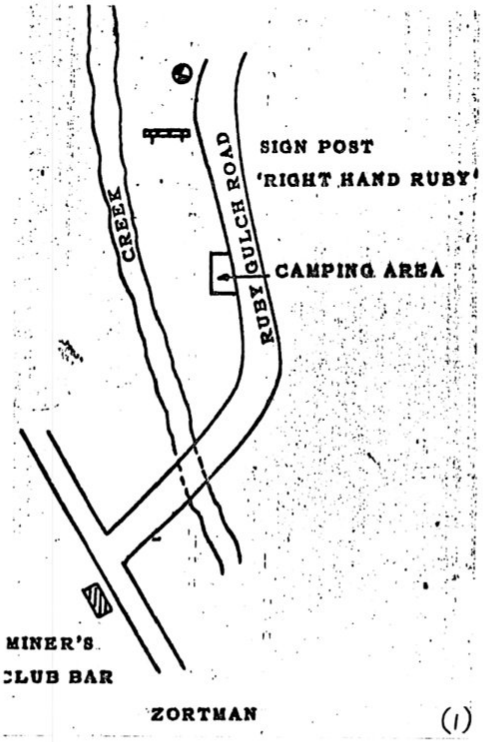
990

GRAVITY BASE STATION

LATITUDE 47° 55.00' N (1)	STATION DESIGNATION ZORTMAN
LONGITUDE 108° 32.00' W (1)	
ELEVATION 1,271.6 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 1476-0; IGC 155780	ADOPTED GRAVITY VALUE: g= 980 545.76 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located 0.8 miles NW along the "Ruby Gulch" road from the Miner's Club in Zortman, Montana. It is 70 feet north of the junction of "Right Hand Ruby" road and 45 feet south of the center line of "Ruby Gulch" road. A USC&GS bronze disc, set in a concrete post and stamped "H 275, 1935," identifies the station. (1)



REFERENCE SOURCE

(1) 05100

991

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 35° 16.97'N (1)	STATION DESIGNATION SAN LUIS OBISPO
LONGITUDE 120° 39.65'W (1)	
ELEVATION 71.1 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1575-1		g= 979 749.33 mgals	
C 356			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

Station is located at San Luis Obispo, at the northeast corner of Osos and Monterey Streets, at the Osos Street entrance to the court house, on a concrete block which is in front of a monument commemorating former city and county officials. Reading taken on the step 1.1 ft. below and just south of the bronze disc (not stamped). (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 0-415

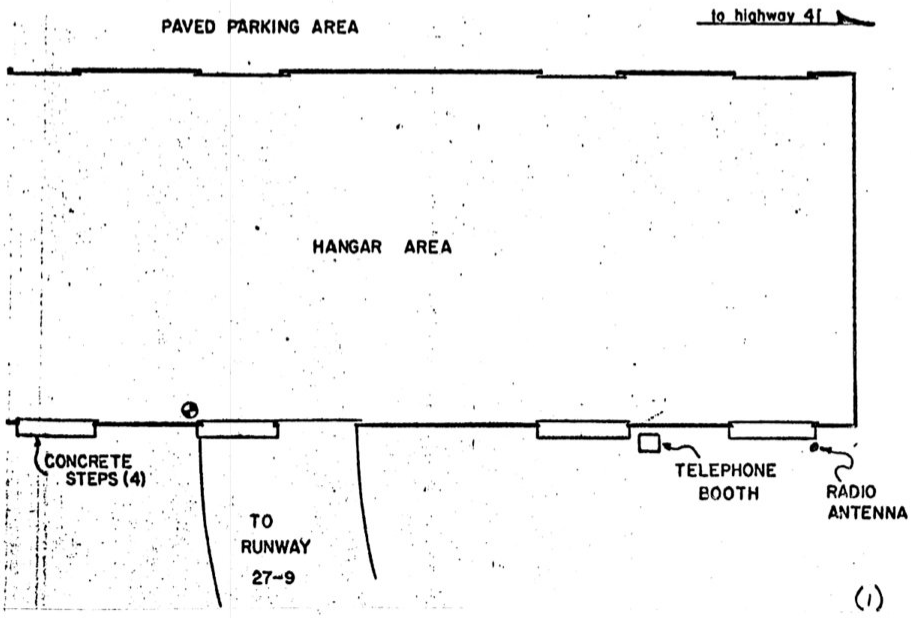
GRAVITY BASE STATION

LATITUDE 28° 28' N (1)	STATION DESIGNATION BROOKSVILLE
LONGITUDE 82° 28' W (1)	
ELEVATION 21.3 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 1576-1; IGC 08182J	ADOPTED GRAVITY VALUE: g = 979 215.71 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located at Brooksville Airport, six miles south of Brooksville on Highway 41.

The station site is on the concrete floor of the hangar building, just inside of the main hangar door which opens south to taxiway leading to runway 27-9. The station is located approximately 3 feet north of the south wall, sixty feet east of the west wall, and one-hundred and fifty feet west of the east wall. (1)



(1)

REFERENCE SOURCE

(1) 05109

993

ACIC HQ FORM FEB 69 0-415

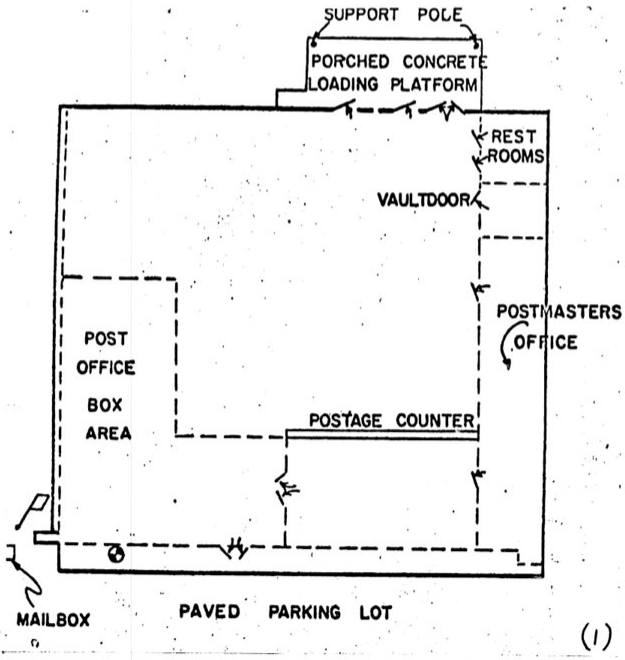
GRAVITY BASE STATION

LATITUDE 26° 41' N (1)	STATION DESIGNATION BELLE GLADE
LONGITUDE 80° 40' W (1)	
ELEVATION 5.2 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 1577-1; IGC 08160G	ADOPTED GRAVITY VALUE: g= 979 120.69 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is at the Belle Glade Post Office building at the southwest corner, under the sign "UNITED STATES POST OFFICE, BELLE GLADE, FLORIDA".

The site is on the concrete walkway, 12 feet from the southwest corner of the building. The station is marked by a disk inscribed "USAF GRAVITY STATION" under the word "FLORIDA". (1)



(1)

REFERENCE SOURCE

(1) 05109

995

ACIC HQ FORM FEB 69 O-415

994

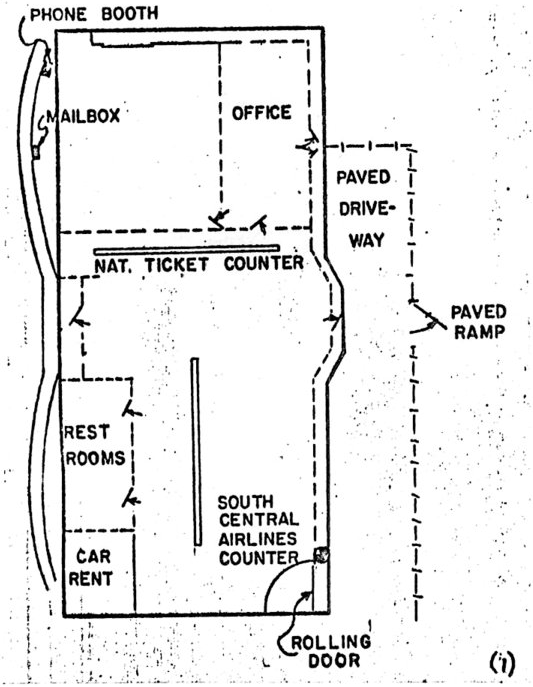
GRAVITY BASE STATION

LATITUDE 26° 36' N (1)	STATION DESIGNATION FORT MYERS
LONGITUDE 81° 52' W (1)	
ELEVATION 5.2 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 1580-1; IGC 08161J	ADOPTED GRAVITY VALUE: g= 979 079.29 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located at Fort Myers Municipal Airport at the southeast corner on the porched concrete walkway of the building next to the baggage ramp for South Central Airlines.

The site is marked by a bronze disk inscribed "USAF GRAVITY STATION", located twenty feet north of the southeast corner, along the east wall. (1)



REFERENCE SOURCE

(1) 05109

996

ACIC HQ FORM FEB 69 0-415

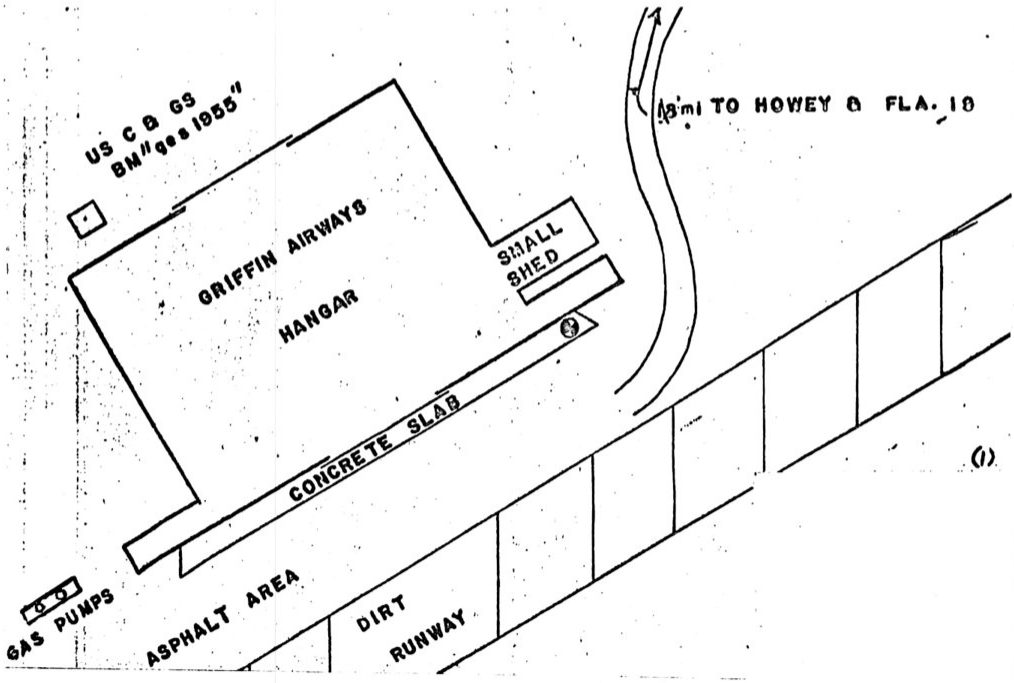
GRAVITY BASE STATION

LATITUDE 28° 42' N (1)	STATION DESIGNATION HOWEY
LONGITUDE 81° 36' W (1)	
ELEVATION 20.4 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 1582-1; IGC 08181T	ADOPTED GRAVITY VALUE: g= 979 233.43 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located 1/8 mile southwest of Howey, Florida at the Griffin Airways Hangar building, near the southeast corner of the corrugated tin building.

The observations were made at the east end of a cement slab that is immediately south of the main hangar doors. (1)



REFERENCE SOURCE

(1) 05109

997

ACIC HQ FORM FEB 69 O-415

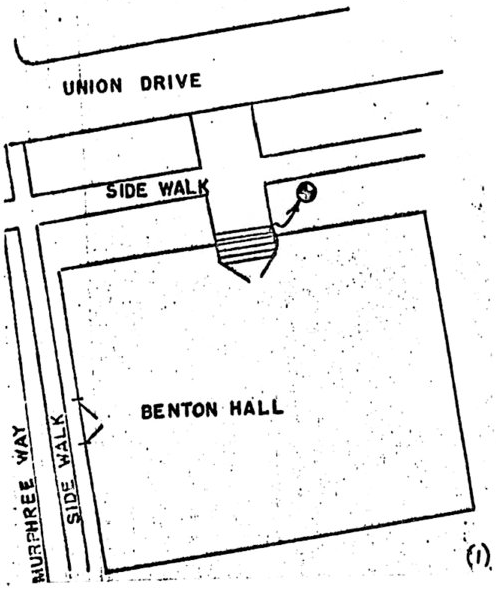
GRAVITY BASE STATION

LATITUDE 29° 41' N (1)	STATION DESIGNATION GAINESVILLE
LONGITUDE 82° 16' W (1)	
ELEVATION 51.2 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 1585-1; IGC 08192B	ADOPTED GRAVITY VALUE: g= 979 299.22 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located in Gainesville, Florida, on the University of Florida campus.

Observations were made at the north entrance to Benton Hall, at the east (left) edge of the bottom step at USC&GS BMS-3. There is no gravity disc and the readings were made on the concrete step near the BM. (1)



REFERENCE SOURCE

(1) 05109

ACIC HQ FORM FEB 69 0-415

998

GRAVITY BASE STATION

LATITUDE 41° 07.31'N (1)	STATION DESIGNATION BIEBER
LONGITUDE 121° 08.41'W (1)	
ELEVATION 1259.4 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 1586-1; C 18	ADOPTED GRAVITY VALUE: g= 979 871.05 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Bieber, at the Bieber High School, in the top of the north concrete bannister of the steps for the west (main) entrance, 2.6 feet west of the west wall of the building and 0.9 foot south of the north edge of the bannister. Reading on the disc (USC&GS U-135). (1)

REFERENCE SOURCE

(1) 02665

999

ACIC HQ FORM FEB 69 0-415

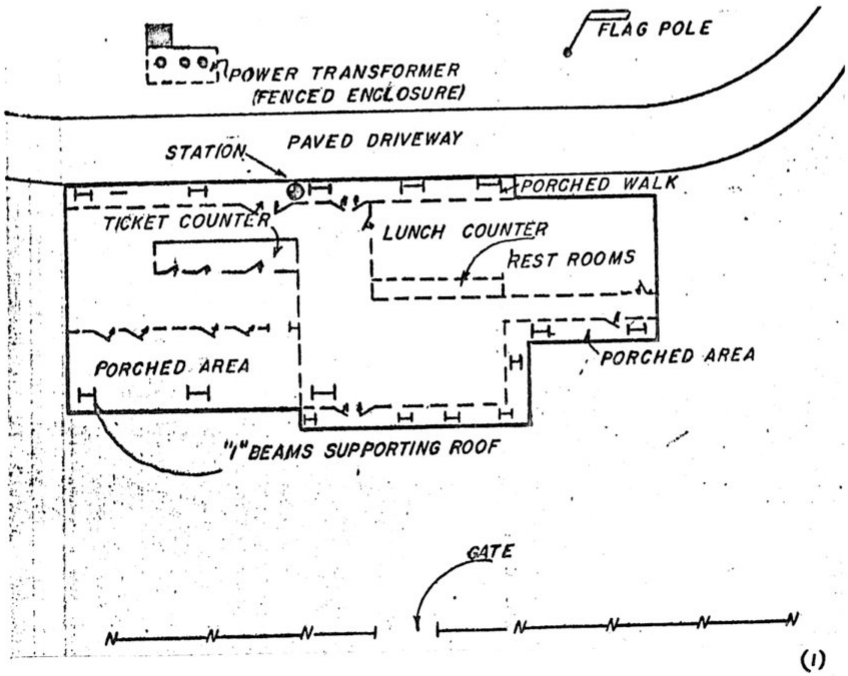
GRAVITY BASE STATION

LATITUDE 28° 00'N (1)	STATION DESIGNATION LAKELAND
LONGITUDE 82° 01'W (1)	
ELEVATION 15.2 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 1587-1; IGC 08182L	ADOPTED GRAVITY VALUE: g= 979 186.56 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located at Lakeland Municipal Airport, 5½ miles southwest of Lakeland on Drane Field Road.

The station is on a covered concrete walkway, on the north side of the Terminal building. The site is at the third "I" beam porch support from the northeast corner of the building. The station is monumented with a bronze disk inscribed "USAF Gravity Station". (1)



(1)

REFERENCE SOURCE

(1) 05109

1000

ACIC HQ FORM FEB 69 0-415

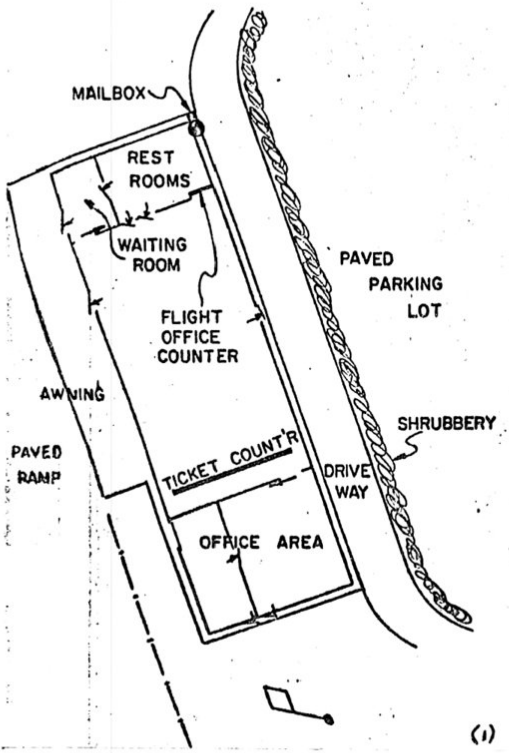
GRAVITY BASE STATION

LATITUDE 26° 09' N (1)	STATION DESIGNATION NAPLES
LONGITUDE 81° 46' W (1)	
ELEVATION 2.4 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 1591-1; IGC 08161K	ADOPTED GRAVITY VALUE: g = 979 061.54 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located at Naples Municipal Airport near a mailbox at the northeast corner of the terminal building.

The site is on a concrete sidewalk running along the front of the building. It is marked by a disk inscribed "USAF GRAVITY STATION". (1)



REFERENCE SOURCE

(1) 05109

1001

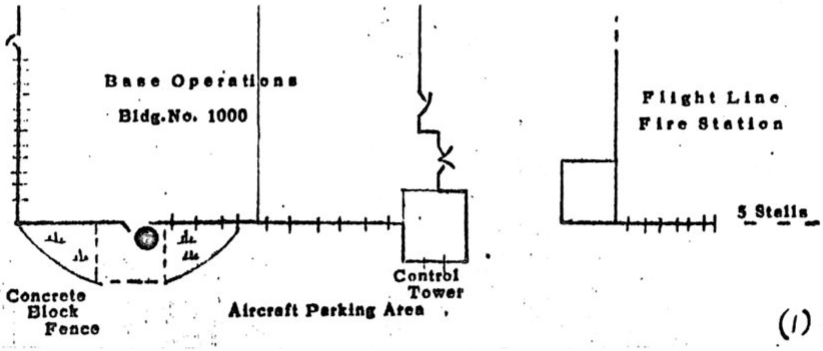
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 31° 36.00' N (1)	STATION DESIGNATION ALBANY
LONGITUDE 84° 05.00' W (1)	
ELEVATION 65.00 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 1601-1; IGC 11714J	ADOPTED GRAVITY VALUE: g = 979 452.331 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located approximately 6 miles east of Albany, at Turner AFB, on the flight line side of Base Operations (Bldg 1000), approximately 18 meters west of the control tower, under the Base OPS entrance porch, 0.5 of a meter east of the door, on the concrete walkway. The station is monumented with a brass disk inscribed "USAF CALIBRATION STATION." (1)



(1)

REFERENCE SOURCE

(1) 05108

ACIC HQ FORM FEB 69 O-415

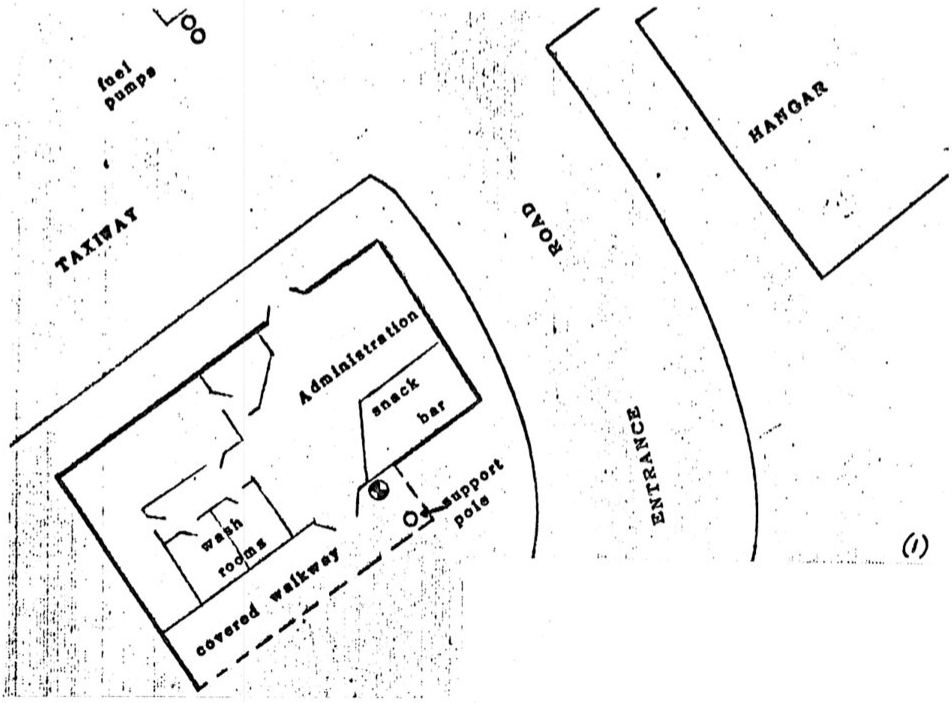
1002

GRAVITY BASE STATION

LATITUDE = 31° 19.00'N (1)	STATION DESIGNATION: ANDALUSIA
LONGITUDE 86° 24.00'W (1)	
ELEVATION 100.58 METERS (1)	COUNTRY/STATE: USA/Alabama
REFERENCE CODE NUMBERS: ACIC 1602-1; IGB 11716M	ADOPTED GRAVITY VALUE: g = 979 421.357 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

This station is located at the Andalusia Municipal Airport, at the Administration Building, on the south side of the building, one (1) meter east of the entrance, on the concrete. The station is monumented with a brass disk inscribed, "USAF Gravity Station". (1)



REFERENCE SOURCE

(1) 05108

1003

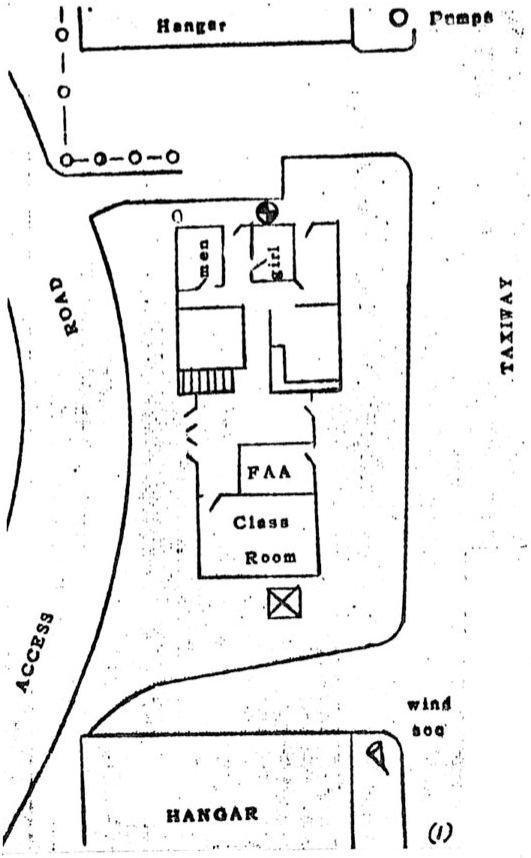
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 32° 36.92'N (1)	STATION DESIGNATION AUBURN
LONGITUDE 85° 26.17'W (1)	
ELEVATION 235.91 METERS (1)	COUNTRY/STATE USA/Alabama
REFERENCE CODE NUMBERS: ACIC 1603-1; IGB 11725J	ADOPTED GRAVITY VALUE: g= 979 459.457 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

This station is near Auburn at the Auburn-Opelika Airport, at the north end of the building, against the wall, between two doors opening into the building, on the concrete. The station is monumented with a brass disk inscribed "USAF Gravity Station". (1)



REFERENCE SOURCE

(1) 05108

ACIC HQ FORM FEB 69 0-415

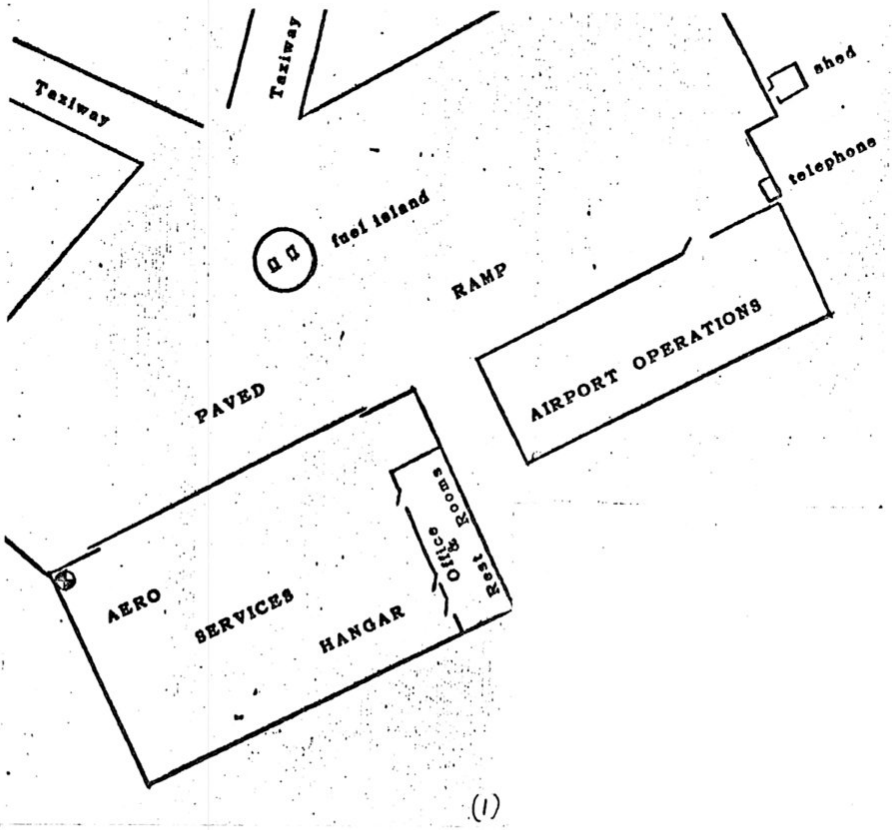
1004

GRAVITY BASE STATION

LATITUDE 32° 27.50'N (1)	STATION DESIGNATION DEMOPOLIS
LONGITUDE 87° 57.00'W (1)	
ELEVATION 34.14 METERS (1)	COUNTRY/STATE USA/Alabama
REFERENCE CODE NUMBERS: ACIC 1604-1; IGB 11727J	ADOPTED GRAVITY VALUE: g= 979 498.887 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

This station is located near Demopolis, Alabama at the Demopolis Municipal Airport (Boykin Field), in the north west corner, on the concrete floor. The station is monumented with a brass disk inscribed, "USAF Gravity Station". (1)



REFERENCE SOURCE

(1) 05108

1005

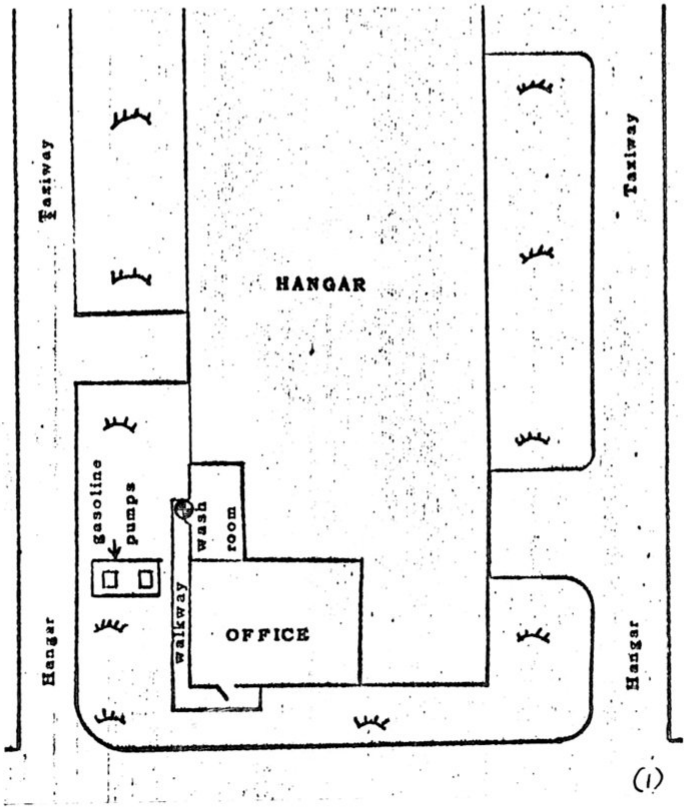
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 31° 51.00'N (1)	STATION DESIGNATION GREENVILLE
LONGITUDE 86° 36.00'W (1)	
ELEVATION 135.03 METERS (1)	COUNTRY/STATE USA/Alabama
REFERENCE CODE NUMBERS: ACIC 1605-1, IGB 11716S	ADOPTED GRAVITY VALUE: g = 979 442.046 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Greenville at the Greenville Municipal Airport, at the combination hangar-administration building, on the west side of the building, .5 meters north of the work room entrance, on the concrete walkway. The station is monumented with a brass disk inscribed, "USAF Gravity Station". (1)



(1)

REFERENCE SOURCE

(1) 05108

1006

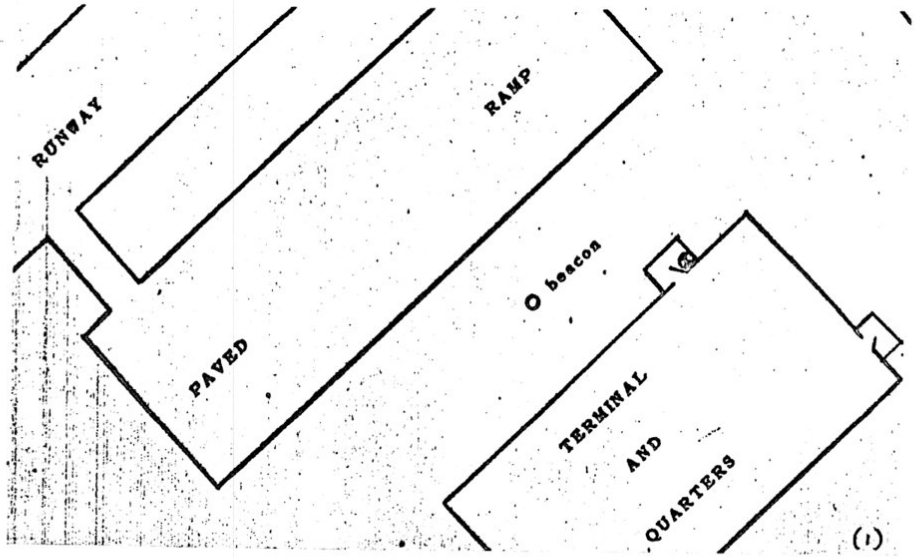
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 31° 28.00'N (1)	STATION DESIGNATION JACKSON
LONGITUDE 87° 54.00'W (1)	
ELEVATION 10.06 METERS (1)	COUNTRY/STATE USA/Alabama
REFERENCE CODE NUMBERS: ACIC 1606-1; IGB 11717J	ADOPTED GRAVITY VALUE: g= 979 434.994 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

This station is near Jackson at the Jackson Airport, at the terminal building, near the northeast corner of the building, in front of the entrance, on the concrete step. The station is monumented with a brass disk inscribed, "USAF Gravity Station". (1)



REFERENCE SOURCE

(1) 05108

1007

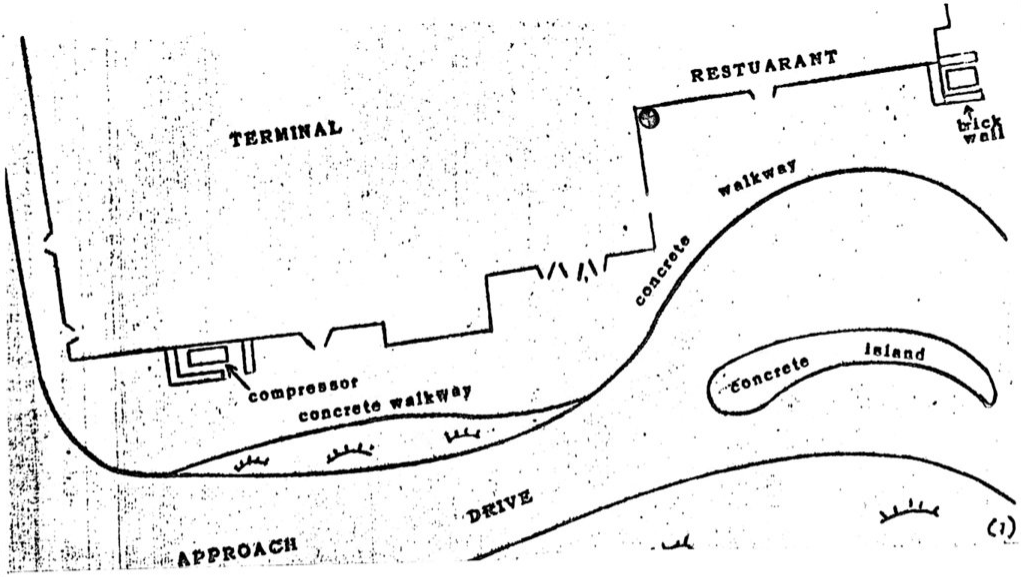
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 30° 40.90'N (1)	STATION DESIGNATION MOBILE
LONGITUDE 88° 14.43'W (1)	
ELEVATION 66.45 METERS (1)	COUNTRY/STATE USA/Alabama
REFERENCE CODE NUMBERS: ACIC 1607-1; IGB 11708.1	ADOPTED GRAVITY VALUE: g= 979 338.436 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

This station is in Mobile at the Bates Municipal Airport (Mobile Municipal), at the terminal building, on the street side, between the main terminal entrance and the restaurant entrance, in the corner against the wall, on the concrete walkway. The station is monumented with a brass disk inscribed, "USAF Gravity Station". (1)



REFERENCE SOURCE

(1) 05108

ACIC HQ FORM FEB 69 0-415

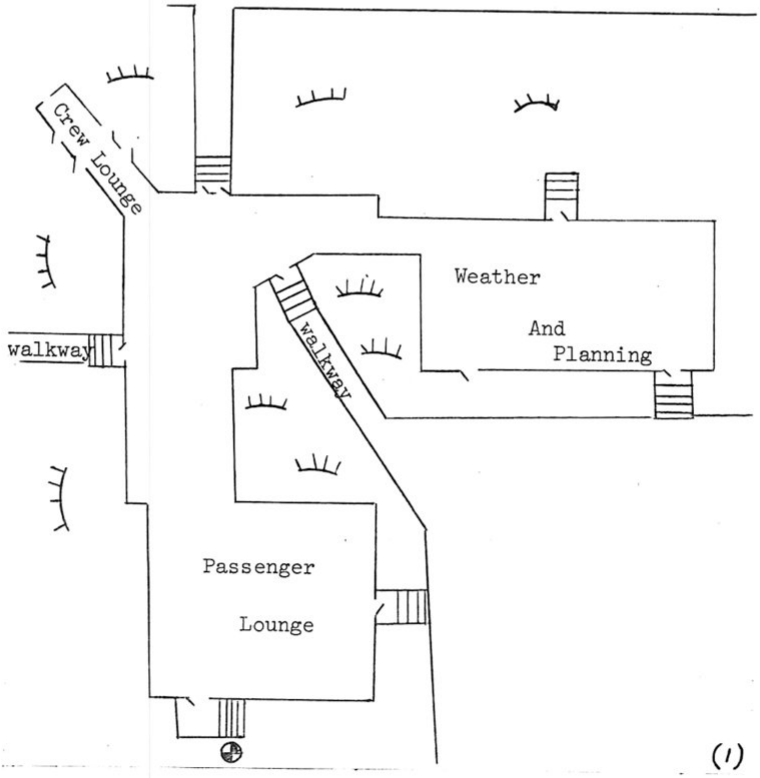
1008

GRAVITY BASE STATION

LATITUDE 32° 22.45'N (1)	STATION DESIGNATION MONTGOMERY
LONGITUDE 86° 22.07'W (1)	
ELEVATION 50.60 METERS (1)	COUNTRY/STATE USA/Alabama
REFERENCE CODE NUMBERS: ACIC 1608-1; IGB 11726J	ADOPTED GRAVITY VALUE: g= 979 511.367 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

This station is located in Montgomery, Alabama at Maxwell AFB Operations, at the south end of the building, at the Passenger Lounge entrance, at the base of the stairs leading to the door, on the concrete. The station is monumented with a disk inscribed, "USAF Gravity Station". (1)



(1)

REFERENCE SOURCE

(1) 05108

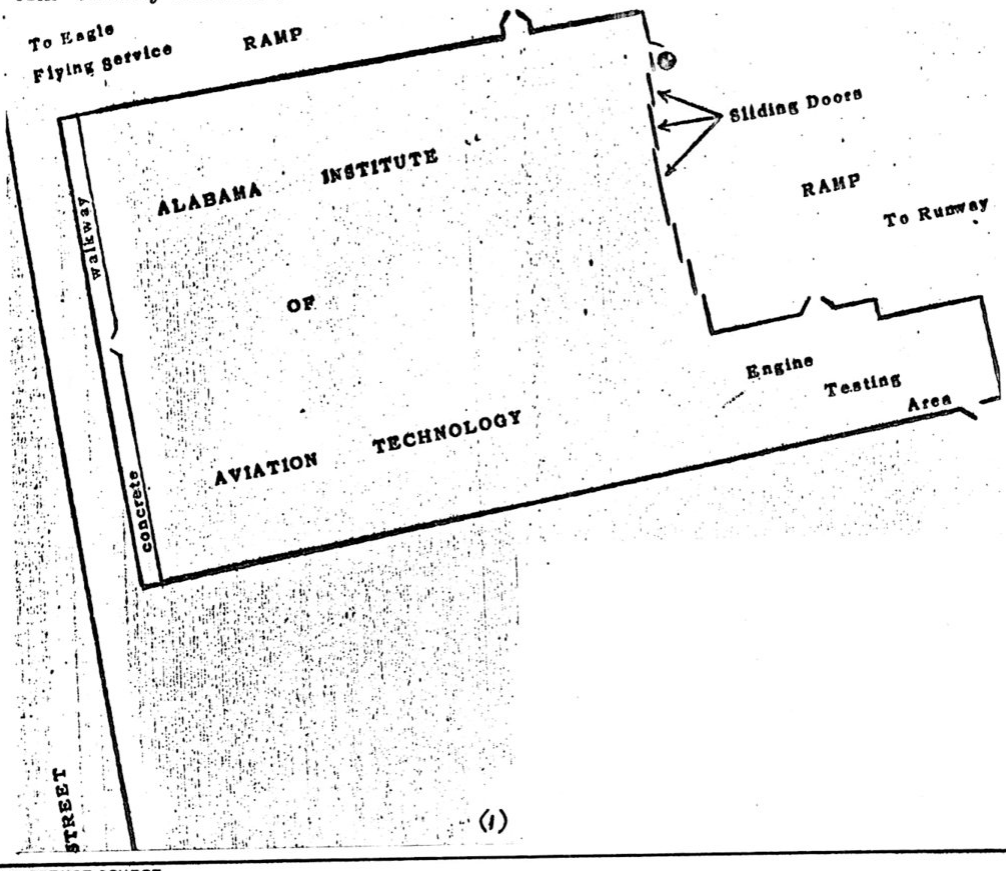
1009

GRAVITY BASE STATION

LATITUDE 31° 27.00'N (1)	STATION DESIGNATION OZARK
LONGITUDE 85° 37.00'W (1)	
ELEVATION 109.11 METERS (1)	COUNTRY/STATE USA/Alabama
REFERENCE CODE NUMBERS: ACIC 1609-1; IGB 11715J	ADOPTED GRAVITY VALUE: g= 979 439.687 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

This station is in Ozark at the Blackwell Airport, at the Alabama Institute of Aviation Technology, near the northeast corner of the building, against the east wall, between a small door and the large sliding doors, on the concrete. The station is monumented with a brass disk inscribed, "USAF Gravity Station". (1)



REFERENCE SOURCE

(1) 05108

ACIC HQ FORM FEB 69 0-415

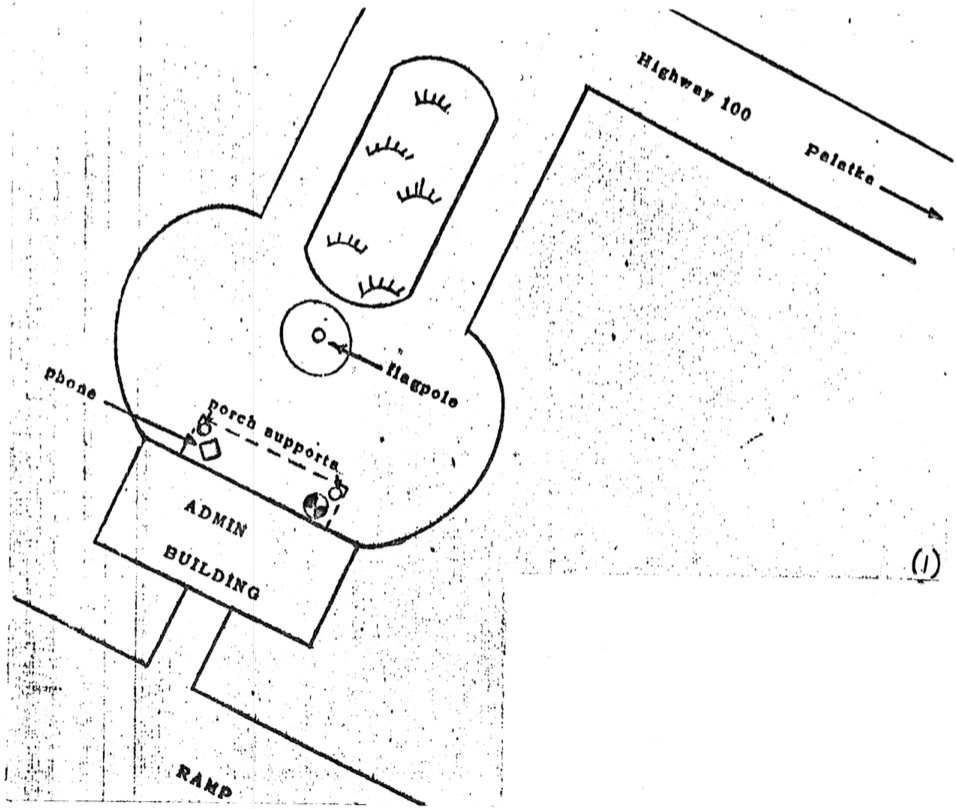
1010

GRAVITY BASE STATION

LATITUDE 29° 39.50 N (1)	STATION DESIGNATION PALATKA
LONGITUDE 81° 41.33 W (1)	
ELEVATION 17.07 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 1610-1; IGC 08191W	ADOPTED GRAVITY VALUE: g = 979 304.869 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

This station is located at the Palatka Municipal Airport (Kay Larkin Airport) on the street side of the Administration Building, under a porch, one meter east of the entrance, on the concrete step. The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". (1)



REFERENCE SOURCE

(1) 05108

1011

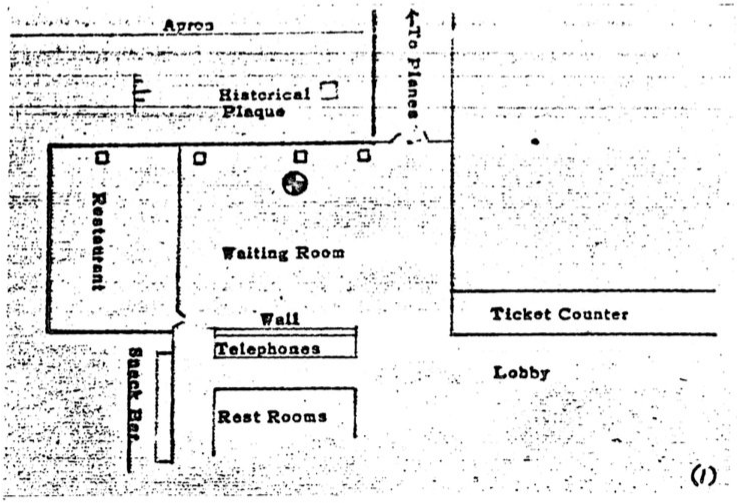
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 30° 24.00'N (1)	STATION DESIGNATION TALLAHASSEE
LONGITUDE 84° 21.00'W (1)	
ELEVATION 24.69 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1611-2	g= 979 350.48 mgals
IGC11704K	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The site is southwest of Tallahassee at the Tallahassee Municipal Airport, in the passenger terminal in the waiting room, against the west (glass) wall, on the east side of the second support column south of the loading exit, on the terrazzo floor. The station is monumented with a brass disk inscribed "USAF Calibration Station". (1)



REFERENCE SOURCE

(1) 05108

ACIC HQ FORM FEB 69 0-415

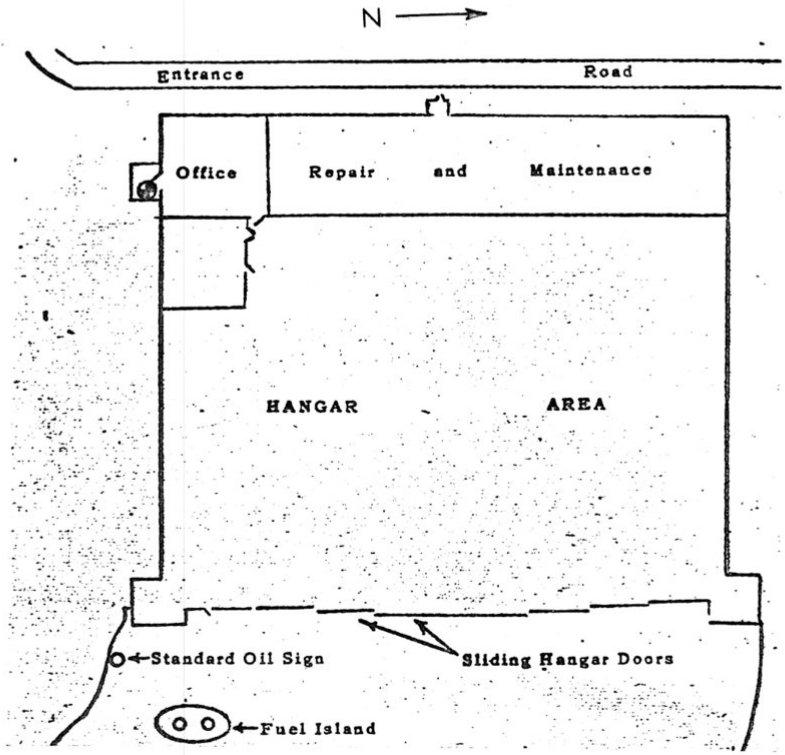
1012

GRAVITY BASE STATION

LATITUDE 31° 52.00'N (1)	STATION DESIGNATION TROY
LONGITUDE 86° 01.00'W (1)	
ELEVATION 119.79 METERS (1)	COUNTRY/STATE USA/Alabama
REFERENCE CODE NUMBERS: ACIC 1612-1; IGB 11716J	ADOPTED GRAVITY VALUE: g = 979 469.916 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is near Troy, at the Troy Municipal Airport, at the Edwards Aircraft company hanger, at the southwest corner of the building, at the office entrance, on the concrete pad. The station is monumented with a brass disk inscribed, "USAF Gravity Station". (1)



(1)

REFERENCE SOURCE

(1) 05108

1013

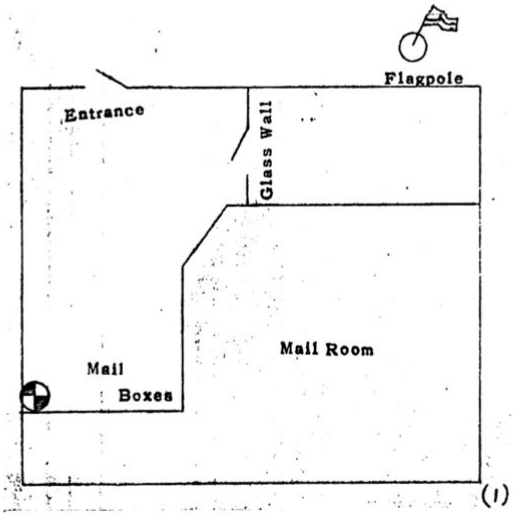
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 25.50' N (1)	STATION DESIGNATION ARNOLD
LONGITUDE 100° 11.33' W (1)	
ELEVATION 832.11 METERS (1)	COUNTRY/STATE USA/Nebraska
REFERENCE CODE NUMBERS: ACIC 1613-1; IGC 15510B	ADOPTED GRAVITY VALUE: g= 980 084.15 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located at the Arnold, Nebraska, Post Office, inthe west corner of the mailbox room, 7 meters west from the main entrance. The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05111

ACIC HQ FORM FEB 69 O-415

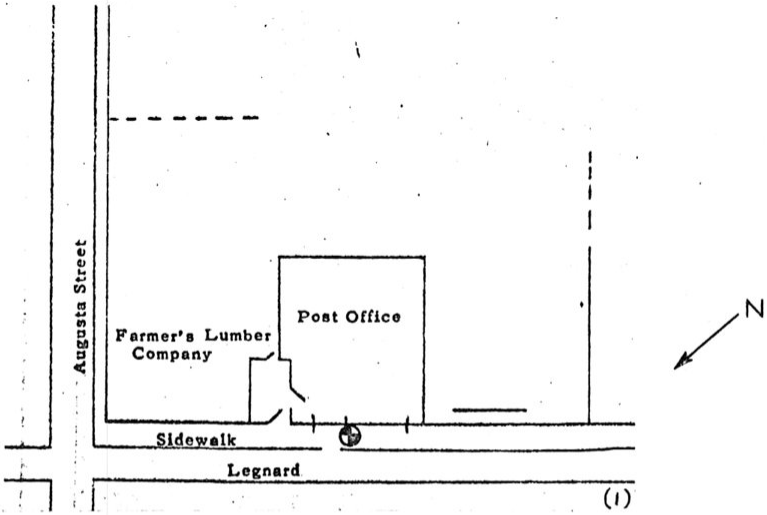
1014

GRAVITY BASE STATION

LATITUDE 42° 35.13' N (1)	STATION DESIGNATION BASSETT
LONGITUDE 99° 32.30' W (1)	
ELEVATION 708.05 METERS (1)	COUNTRY/STATE USA/Nebraska
REFERENCE CODE NUMBERS: ACIC 1614-1; IGC 15429B	ADOPTED GRAVITY VALUE: g= 980 208.40 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located in Bassett, Nebraska, at the corner of Legnard and Augusta Streets, outside the Post Office, against Legnard Street wall, 10 feet northeast of the main door of the Post Office, on the concrete sidewalk. The station is monumented with a "USAF Gravity Disk". (1)



REFERENCE SOURCE

(1) 05111

1015

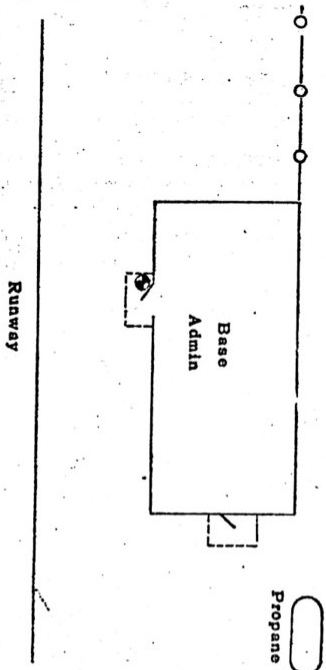
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 34.80' N (1)	STATION DESIGNATION BLOOMFIELD
LONGITUDE 97° 40.05' W (1)	
ELEVATION 509.93 METERS (1)	COUNTRY/STATE USA/Nebraska
REFERENCE CODE NUMBERS: ACIC 1615-1; IGC 15427J	ADOPTED GRAVITY VALUE: g= 980 248.68 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is at the Bloomfield, Nebraska, Airport, on the west entrance of the Administrative Building, at the northeast corner of the porch. The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05111

ACIC HQ FORM FEB 69 0-415

1016

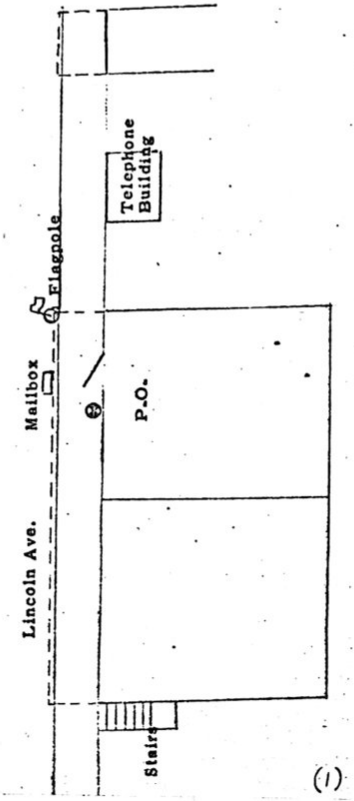
GRAVITY BASE STATION

LATITUDE 41° 56.25' N (1)	STATION DESIGNATION BREWSTER
LONGITUDE 99° 50.10' W (1)	
ELEVATION 762.00 METERS (1)	COUNTRY/STATE USA/Nebraska

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 1616-1	g= 980 131.65 mgals	
IGC 15419C		
	ESTIMATED ACCURACY	DATE
	± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is at Brewster, Nebraska, at the Post Office, on the front porch, .6 meters south of the main entrance on Lincoln Avenue, 10 meters south of a telephone line building. The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05111

1017

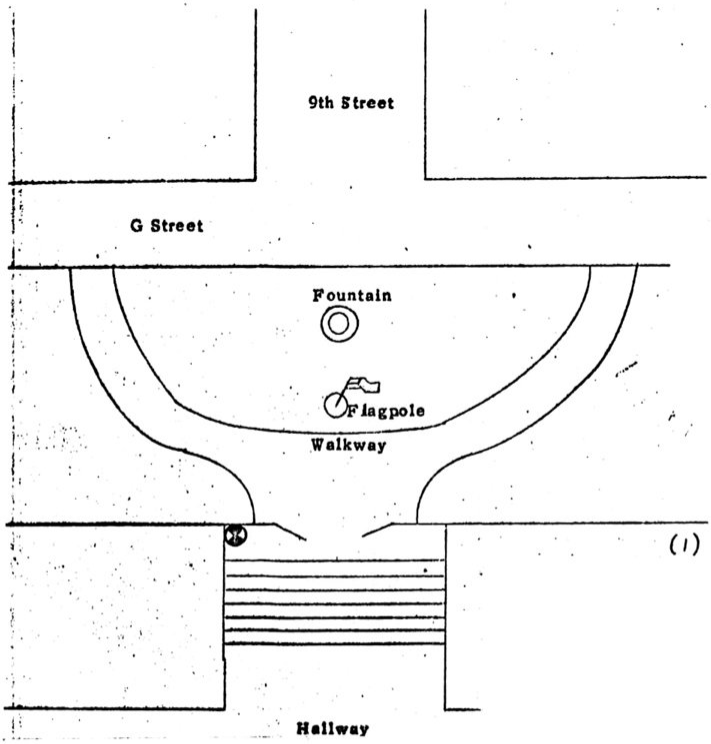
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 31.20' N (1)	STATION DESIGNATION GENEVA
LONGITUDE 97° 36.15' W (1)	
ELEVATION 502.92 METERS (1)	COUNTRY/STATE USA/Nebraska
REFERENCE CODE NUMBERS: ACIC 1617-1; IGC 15407C	ADOPTED GRAVITY VALUE: g = 980 058.78 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Geneva, Nebraska, at the Phillmore County Courthouse, at the intersection of G Street and 9th Street, at the north wall of the building, at the northwest corner of the main entrance vestibule, just inside of the glass doors. The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05111

ACIC HQ FORM FEB 69 0-415

1018

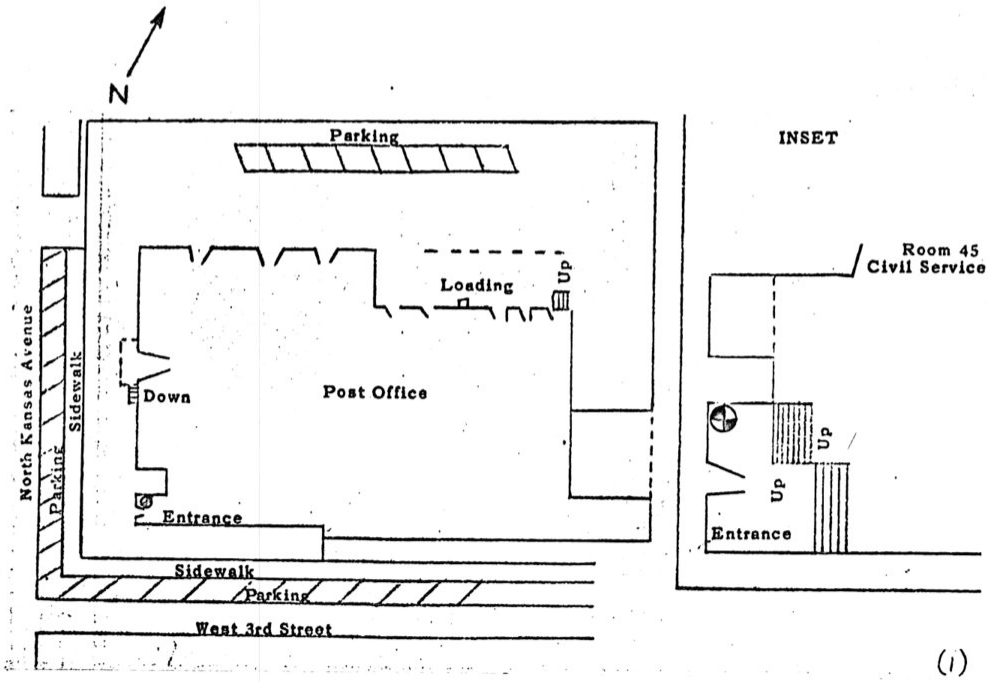
GRAVITY BASE STATION

LATITUDE 40° 35.40' N (1)	STATION DESIGNATION HASTINGS
LONGITUDE 98° 23.08' W (1)	
ELEVATION 566.93 METERS (1)	COUNTRY/STATE USA/Nebraska

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1618-1		g = 980 061.80 mgals	
IGC 15408B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Hastings, Nebraska, on the corner of West 3rd Street and North Kansas Avenue, in the post office, at the southwest entrance, north of the double doors, against the west wall, 2 inches south of the north wall, on the tile floor. The station is monumented with a "USAF Gravity Station Disk". (1)



(1)

REFERENCE SOURCE

(1) 05111

1019

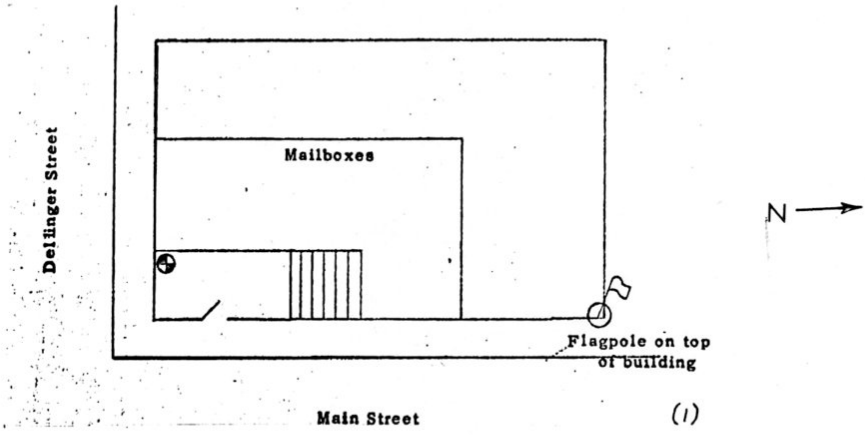
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 00.00' N (1)	STATION DESIGNATION HYANNIS
LONGITUDE 102° 45.75' W (1)	
ELEVATION 1127.76 METERS (1)	COUNTRY/STATE USA/Nebraska
REFERENCE CODE NUMBERS: ACIC 1620-1; IGC 15522B	ADOPTED GRAVITY VALUE: g= 980 029.11 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in the Hyannis, Nebraska, Post Office, at the corner of Main Street and Dellinger Street, at the east wall of the post office by the main entrance, at the bottom of the stairs. The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05111

ACIC HQ FORM FEB 69 0-415

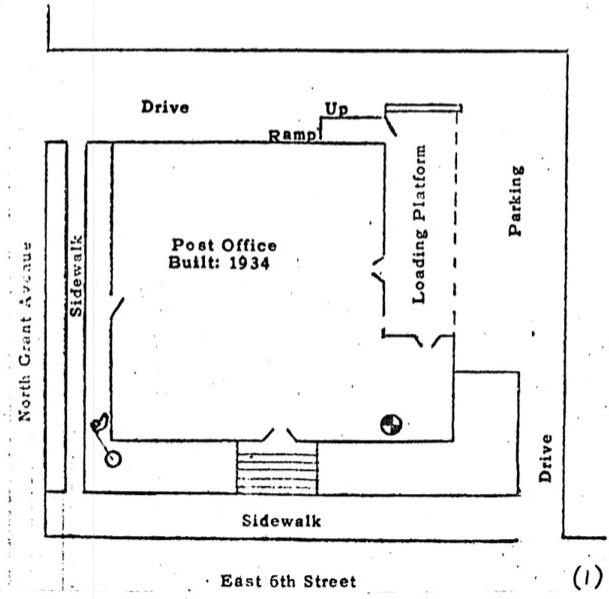
1020

GRAVITY BASE STATION

LATITUDE 40° 46.88' N (1)	STATION DESIGNATION LEXINGTON
LONGITUDE 99° 44.63' W (1)	
ELEVATION 733.05 METERS (1)	COUNTRY/STATE USA/Nebraska
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1621-1 IGC 15409B	g = 980 030.84 mgals
	ESTIMATED ACCURACY ± 0.1 mgals / DATE MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Lexington, Nebraska, at the northeast corner of North Grant Avenue and East 6th Street, at the U. S. Post Office (built in 1934), near the southeast corner of the lobby, 0.3 meters north of the south lobby wall, against the east lobby wall, (1 meter south of the Room 102 entrance), in a corner formed by a small wall projection, on the tile floor. The station is monumented with a USAF Gravity Disk. (1)



(1)

REFERENCE SOURCE

(1) 05111

1021

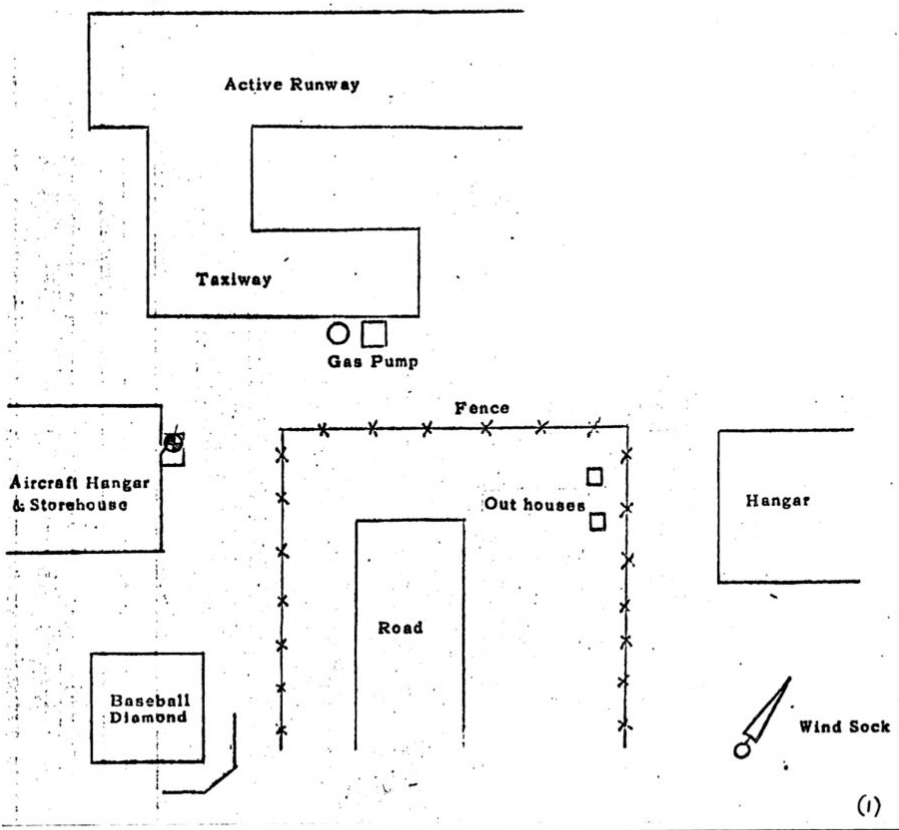
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 55.63' N (1)	STATION DESIGNATION MERRIMAN
LONGITUDE 101° 41.76' W (1)	
ELEVATION 992.12 METERS (1)	COUNTRY/STATE USA/Nebraska
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1622-1	g= 980 169.86 mgals
IGC 15521J	
	ESTIMATED ACCURACY ± 0.1 mgals / DATE MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is at Cole Memorial Airport, near Merriman, Nebraska, 0.5 mile north of town, at the long hangar and storehouse, on the outside east side of the building, on the door stoop to the salt storage and helicopter room. The station is monumented with a "USAF Gravity Station". (1)



REFERENCE SOURCE

(1) 05111

ACIC HQ FORM FEB 69 0-415

1022

GRAVITY BASE STATION

LATITUDE 42° 27.55' N (1)	STATION DESIGNATION O'NEILL
LONGITUDE 98° 38.87' W (1)	
ELEVATION 609.90 METERS (1)	COUNTRY/STATE USA/Nebraska

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1624-1		g= 980 234.06 mgals	
IGC 15428B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

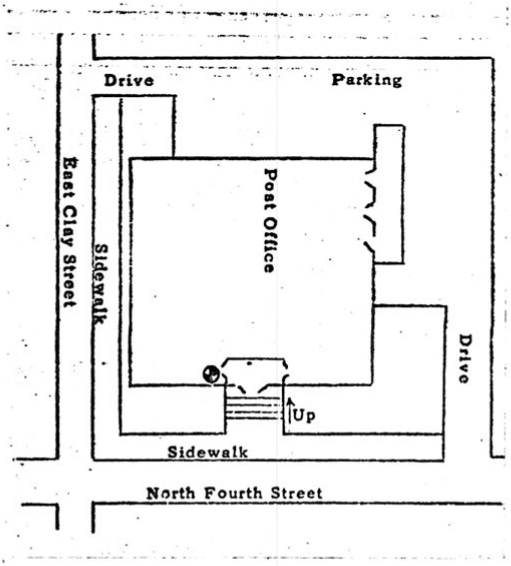
DESCRIPTION AND/OR SKETCH

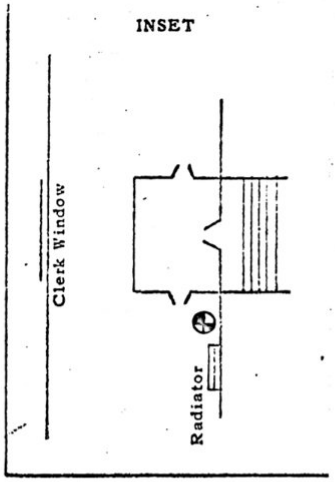
The station is located at the O'Neill, Nebraska, Post Office, at the corner of 4th and Clay Streets.

Observations were made inside the lobby against the east wall, 1 meter south of the main entrance.

The station is monumented with a "USAF Gravity Disk".

(1)





(1)

REFERENCE SOURCE

(1) 05111

1023

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 09.60' N (1)	STATION DESIGNATION SUTHERLAND
LONGITUDE 101° 07.50' W (1)	
ELEVATION 899.16 METERS (1)	COUNTRY/STATE USA/Nebraska

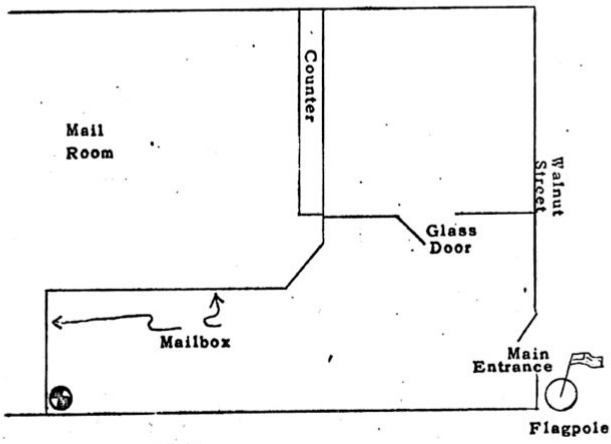
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 1625-1	g = 980 006.53 mgals	
IGC 15511C		
	ESTIMATED ACCURACY	DATE
	± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in the Sutherland, Nebraska, Post Office on Walnut Street between 1st and 2nd Streets.

Observations were made at the southwest corner of the mailbox room, 30 feet west of the entrance, alongside the outside wall.

The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05111

ACIC HQ FORM FEB 69 0-415

1024

GRAVITY BASE STATION

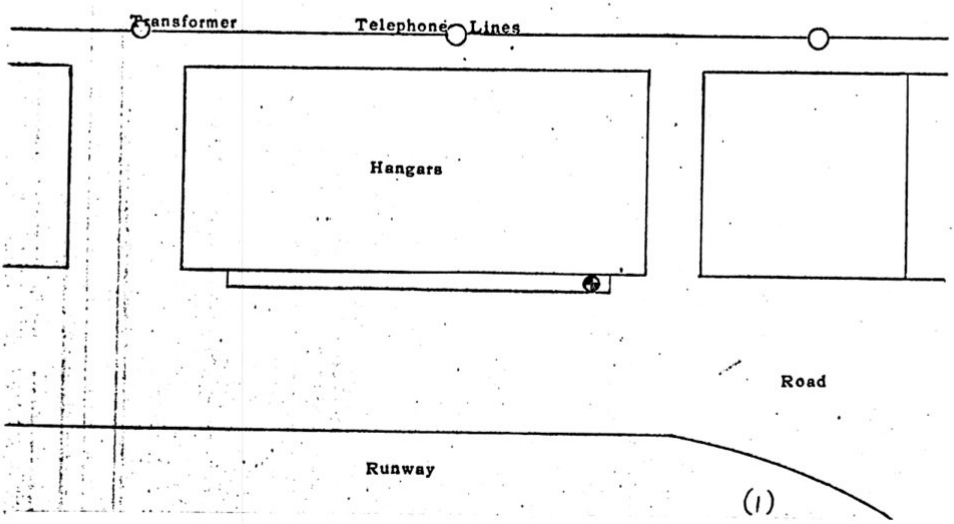
LATITUDE 45° 30.90' N (1)	STATION DESIGNATION BISON
LONGITUDE 102° 28.35' W (1)	
ELEVATION 847.96 METERS (1)	COUNTRY/STATE USA/South Dakota
REFERENCE CODE NUMBERS: ACIC 1626-1; IGC 15552J	ADOPTED GRAVITY VALUE: g= 980 437.04 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is at the Perkins County Airport, near Bison, South Dakota.

Observations were made in a white wooden hangar, between 3 old hangars, on the concrete, at the east edge of the door which is on the south wall of the building.

The station is monumented with a "USAF Gravity Disk". (1)



REFERENCE SOURCE

(1) 05112

1025

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 47.40' N (1)	STATION DESIGNATION CHAMBERLAIN
LONGITUDE 99° 19.20' W (1)	
ELEVATION 524.37 METERS (1)	COUNTRY/STATE USA/South Dakota

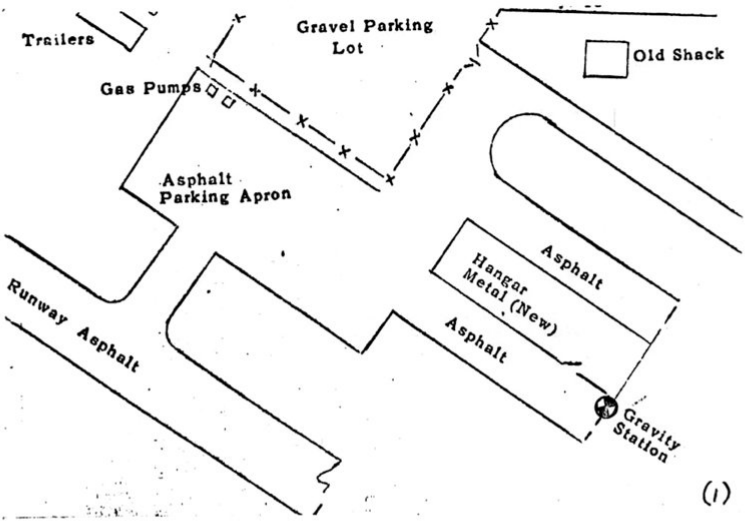
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1627-1		g= 980 341.24 mgals	
IGC 15439J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is 1.5 miles south of Chamberlain, South Dakota, at the airport.

Observations were made at the southeast corner of the most westerly metal hangar, on the concrete building foundation footing.

The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05112

ACIC HQ FORM FEB 69 0-415

1026

GRAVITY BASE STATION

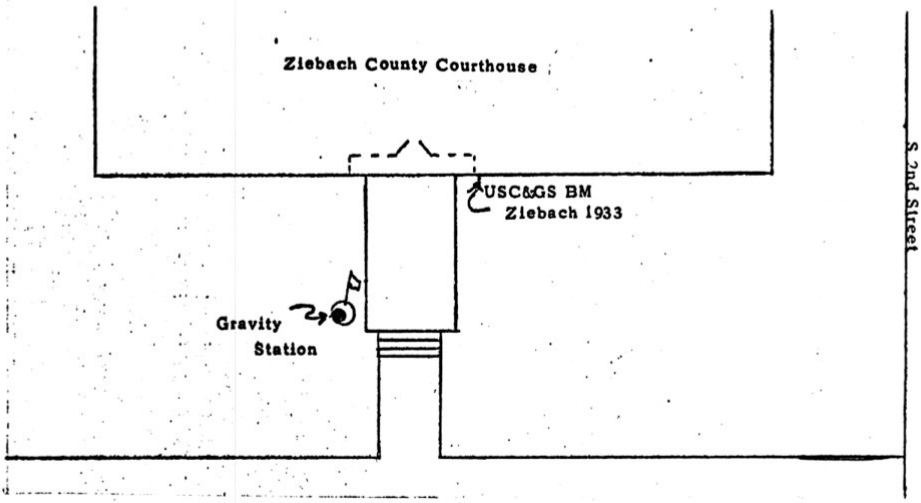
LATITUDE 45° 02.85' N (1)	STATION DESIGNATION DUPREE
LONGITUDE 101° 36.08' W (1)	
ELEVATION 725.43 METERS (1)	COUNTRY/STATE USA/South Dakota
REFERENCE CODE NUMBERS: ACIC 1628-1; IGC 15551B	ADOPTED GRAVITY VALUE: g= 980 410.23 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is at the Ziebach County Courthouse in Dupree, South Dakota.

Observations were made 8 meters from the main (west) entrance, by a flagpole, 0.3 meters north of the pole and .3 meters lower in elevation than USC&GS BM (Ziebach 1933).

The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05112

1027

ACIC HQ FORM 0-415

GRAVITY BASE STATION

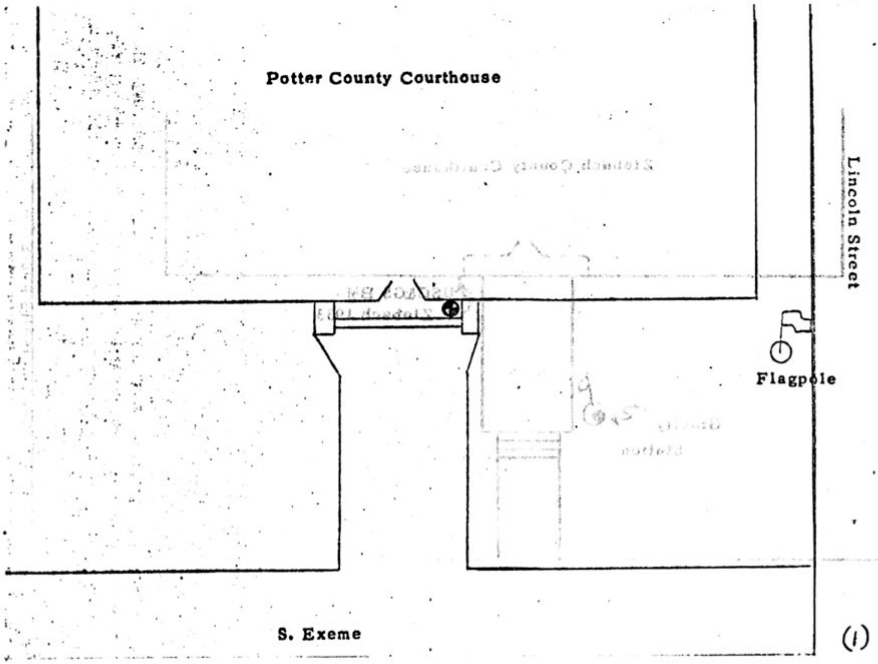
LATITUDE 45° 00.68' N (1)	STATION DESIGNATION GETTYSBURG
LONGITUDE 99° 57.23' W (1)	
ELEVATION 658.67 METERS (1)	COUNTRY/STATE USA/South Dakota
REFERENCE CODE NUMBERS: ACIC 1629-1; IGC 15459B	ADOPTED GRAVITY VALUE: g= 980 450.50 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is at the Potter County Courthouse (1910) in Gettysburg, South Dakota, at Lincoln Street and South Exeme Street.

Observations were made at the west entrance to the courthouse, at the south end of the stairs outside of the building, on the top step.

The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05112

ACIC HQ FORM FEB 69 0-415

1028

GRAVITY BASE STATION

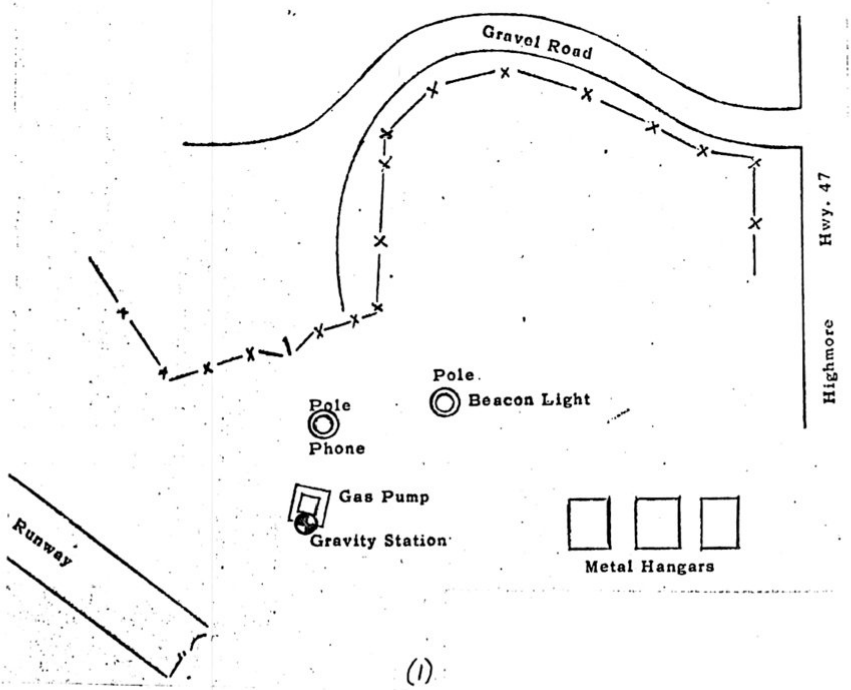
LATITUDE 44° 32.30' N (1)	STATION DESIGNATION HIGHMORE
LONGITUDE 99° 26.64' W (1)	
ELEVATION 560.83 METERS (1)	COUNTRY/STATE USA/South Dakota
REFERENCE CODE NUMBERS: ACIC 1630-1; IGC 15449J	ADOPTED GRAVITY VALUE: g= 980 417.06 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is one mile north of Highmore, South Dakota, at the airfield.

Observations were made on the concrete base of the gas pump, which is approximately 75 feet southwest of the Beacon Light Pole.

The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05112

1029

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 25.89' N (1)	STATION DESIGNATION HOT SPRINGS
LONGITUDE 103° 28.50' W (1)	
ELEVATION 1054.61 METERS (1)	COUNTRY/STATE USA/South Dakota

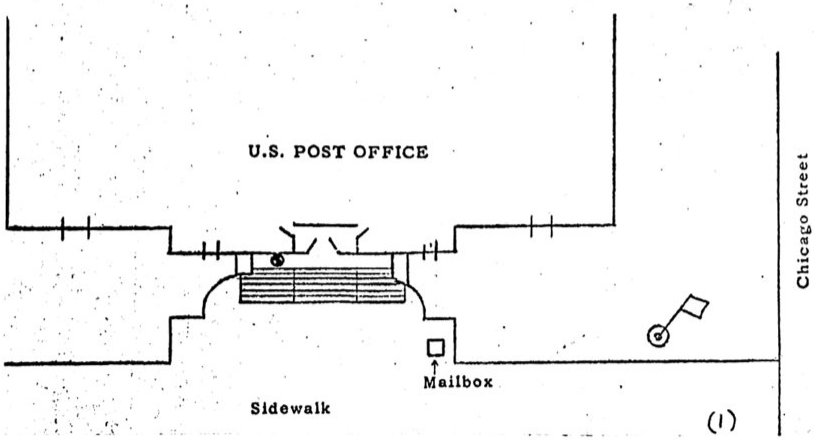
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1631-1		g= 980 186.82 mgals	
IGC 15533B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Hot Springs (on Highway 385, 87) at the Post Office, which is a one story stone building at the intersection of Jennings Avenue and Chicago Street.

Observations were made on the front (south) porch of the Post Office, about one meter above ground level, one meter west of the entrance doors, on the concrete.

The station is monumented with a USAF Gravity Disk. (1)



REFERENCE SOURCE

(1) 05112

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 49.95' N (1)	STATION DESIGNATION KADOKA
LONGITUDE 101° 30.60' W (1)	
ELEVATION 749.81 METERS (1)	COUNTRY/STATE USA/South Dakota

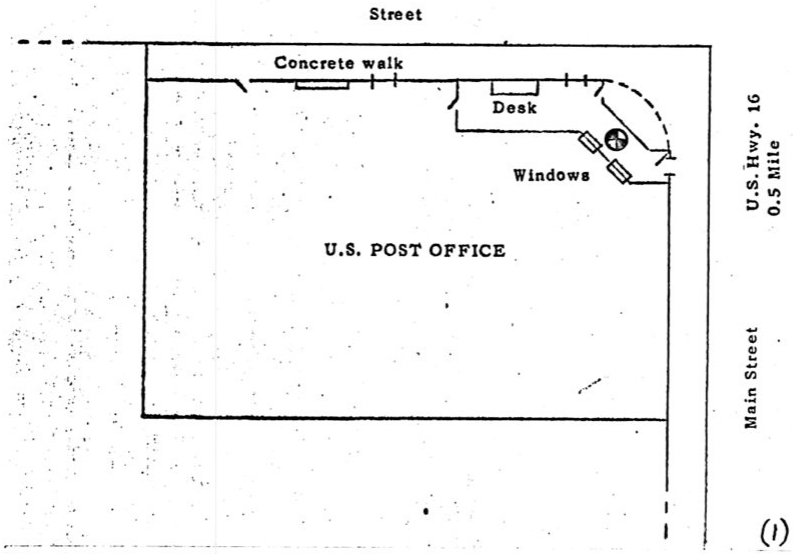
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1633-1		g= 980 280.28 mgals	
IGC 15531B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Kadoka, South Dakota, on the main street at the Post Office.

Observations were made inside the Post Office, at the window between the two northeast corner entrances, on the tile floor.

The station is monumented with a USAF Gravity Disk. (1)



(1)

REFERENCE SOURCE

(1) 05112

1031

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 43° 09.16' N (1)	STATION DESIGNATION LAKE ANDES
LONGITUDE 98° 32.52' W (1)	
ELEVATION 451.10 METERS (1)	COUNTRY/STATE USA/South Dakota

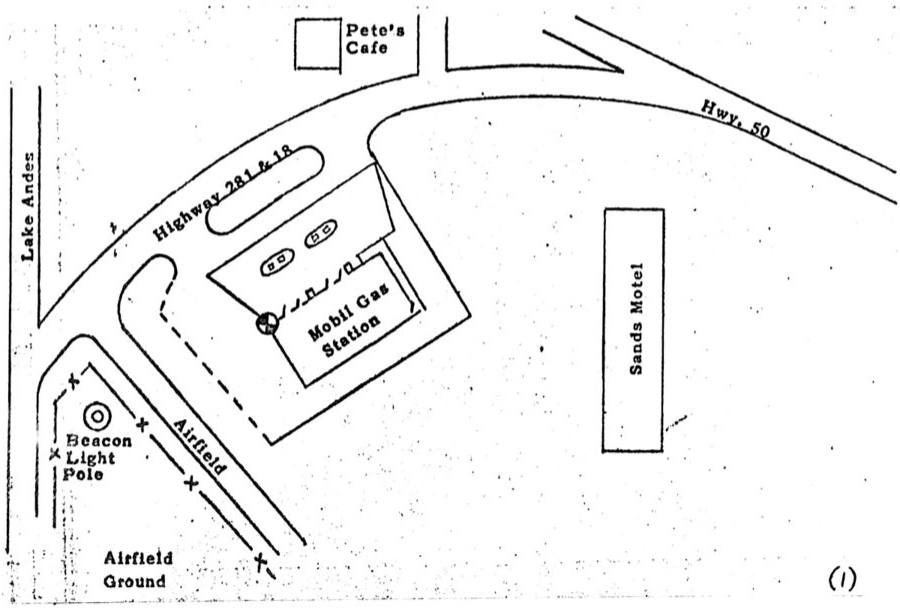
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1634-1		g= 980 294.38 mgals	
IGC 15438M			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is south of Lake Andes, South Dakota, at the Mobil Gas Station on Highway 281 and 18. The gas station is 0.25 miles west of the junction with Highway 50, and 0.5 miles north of the new airfield.

Observations were made on the west corner of the gas station building, on the concrete sidewalk.

The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05112

ACIC HQ FORM FEB 69 0-415

1032

GRAVITY BASE STATION

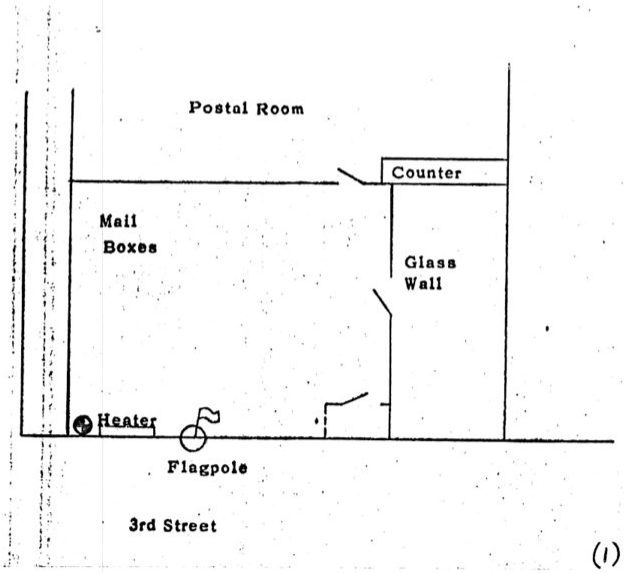
LATITUDE 43° 10.50' N (1)	STATION DESIGNATION MARTIN
LONGITUDE 100° 44.10' W (1)	
ELEVATION 1014.99 METERS (1)	COUNTRY/STATE USA/South Dakota
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1635-1 IGC 15530C	g= 980 174.30 mgals
	ESTIMATED ACCURACY ± 0.1 mgals / DATE MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located at the Martin, South Dakota, Post Office at 3rd and State Streets.

Observations were made in the mailbox room, at the northwest corner, 8 feet north of the entrance, next to a heater.

The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05112

1033

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 45° 55.27' N (1)	STATION DESIGNATION McINTOSH
LONGITUDE 101° 21.00' W (1)	
ELEVATION 701.46 METERS (1)	COUNTRY/STATE USA/South Dakota

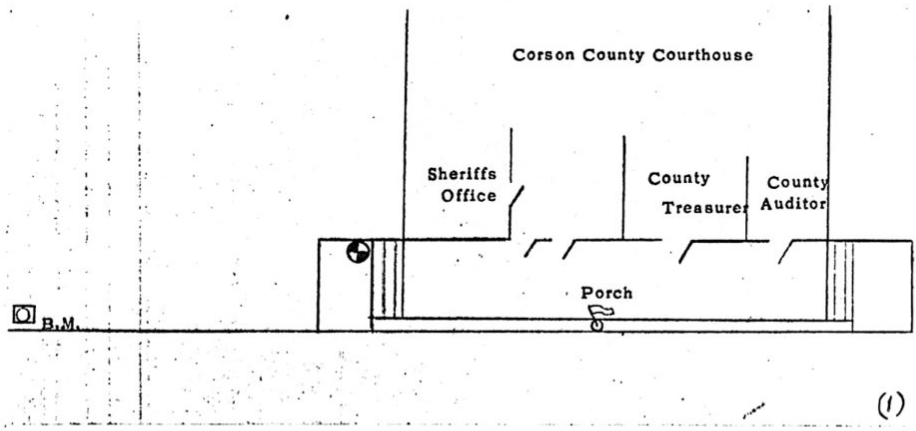
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1636-1		g= 980 511.42 mgals	
IGC 15551D			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in McIntosh, South Dakota, at the Corson County Courthouse.

Observations were made at the south corner of the courthouse building, on the concrete stairs leading up to the porch and the main entrance.

The station is .6 meters higher in elevation than USC&GS BM McIntosh 1933. It is monumented by a "USAF Gravity Station Disk". (1)



REFERENCE SOURCE

(1) 05112

ACIC HQ FORM FEB 69 O-415

1034

GRAVITY BASE STATION

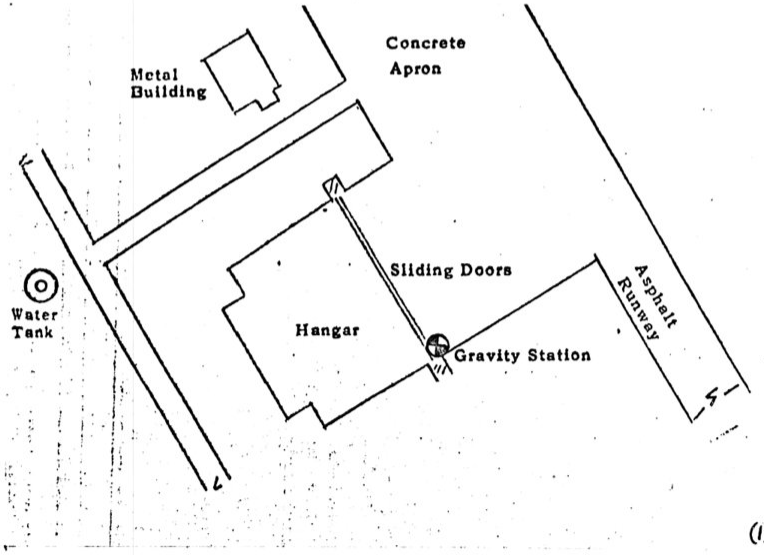
LATITUDE 43° 46.12' N (1)	STATION DESIGNATION MITCHELL
LONGITUDE 98° 02.39' W (1)	
ELEVATION 393.19 METERS (1)	COUNTRY/STATE USA/South Dakota
REFERENCE CODE NUMBERS: ACIC 1638-1; IGC 15438J	ADOPTED GRAVITY VALUE: g = 980 381.02 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is 3 miles north of Mitchell, South Dakota, at the Municipal Airport.

Observations were made on the field side of the wooden frame hangar, at the northeast corner of the south door casing, on the concrete floor.

The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05112

1035

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

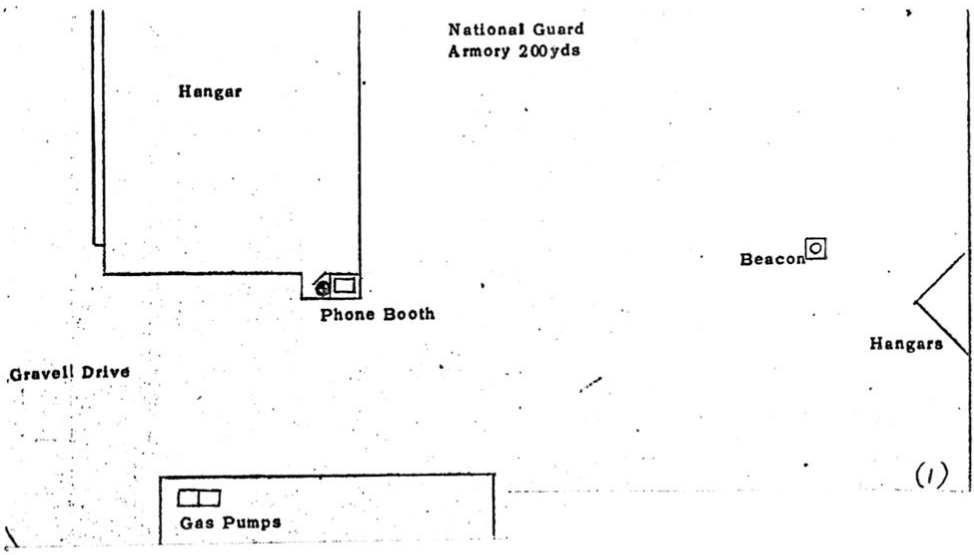
LATITUDE 45° 33.00' N (1)	STATION DESIGNATION MOBRIDGE
LONGITUDE 100° 24.00' W (1)	
ELEVATION 522.73 METERS (1)	COUNTRY/STATE USA/South Dakota
REFERENCE CODE NUMBERS: ACIC 1639-1; IGC 15550J	ADOPTED GRAVITY VALUE: g = 980 525.42 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is at the Mobridge Airport, at a hangar 200 yards east of the National Guard Armory.

Observations were made on the exit stoop, next to a phone booth at the northwest corner of the hangar, 20 meters south of the gas pumps.

The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05112

ACIC HQ FORM FEB 69 O-415

1036

GRAVITY BASE STATION

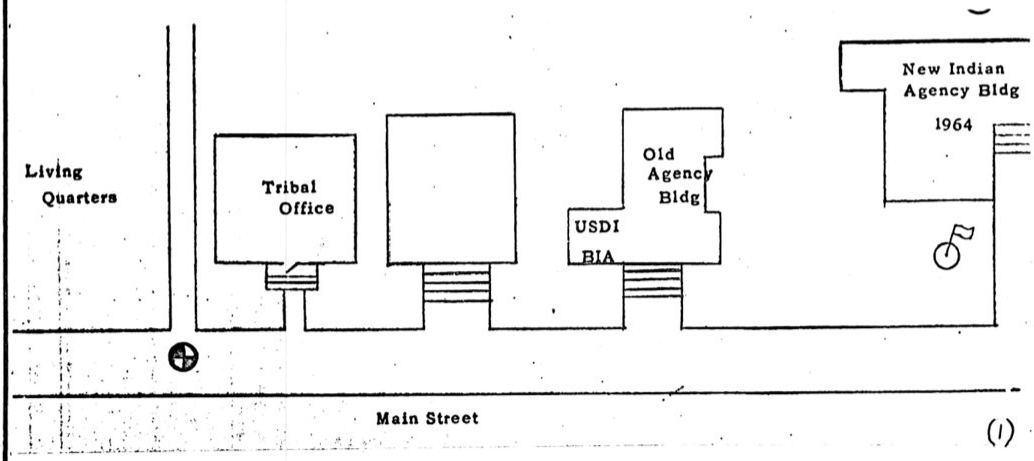
LATITUDE 43° 01.45' N (1)	STATION DESIGNATION PINE RIDGE
LONGITUDE 102° 33.75' W (1)	
ELEVATION 986.03 METERS (1)	COUNTRY/STATE USA/South Dakota
REFERENCE CODE NUMBERS: ACIC 1641-1; IGC 15532C	ADOPTED GRAVITY VALUE: g = 980 158.23 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Pine Ridge, South Dakota, at the Pine Ridge Sioux Indian Agency (Bureau of Indian Affairs).

Observations were made on the sidewalk of the Main Street, 15 feet northwest of Building 3 (Oglala Tribal Office), about 70 meters west of the New Pine Ridge Agency Building, at the approximate center of the street.

The station is monumented with a brass disk inscribed "Bureau of Indian Affairs 'A'". (1)



(1)

REFERENCE SOURCE

(1) 05112

1037

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 44° 52.61' N (1)	STATION DESIGNATION REDFIELD
LONGITUDE 98° 31.00' W (1)	
ELEVATION 397.15 METERS (1)	COUNTRY/STATE USA/South Dakota

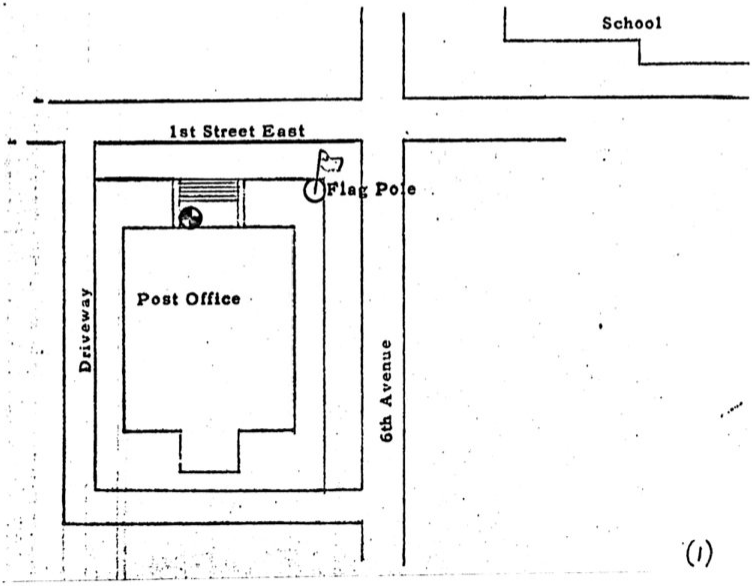
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1643-1		g= 980 509.69 mgals	
IGC 15448B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Redfield, South Dakota, at the Post Office.

Observations were made on the north side of the building at the west side of the main entrance, on the concrete corner of the steps and west balistrade.

The station is monumented with a bronze disk stamped: "USAF Gravity Station." (1)



(1)

REFERENCE SOURCE

(1) 05112

ACIC HQ FORM FEB 69 0-415

1038

GRAVITY BASE STATION

LATITUDE 43° 46.73' N (1)	STATION DESIGNATION SCENIC
LONGITUDE 102° 33.07' W (1)	
ELEVATION 856.18 METERS (1)	COUNTRY/STATE USA/South Dakota

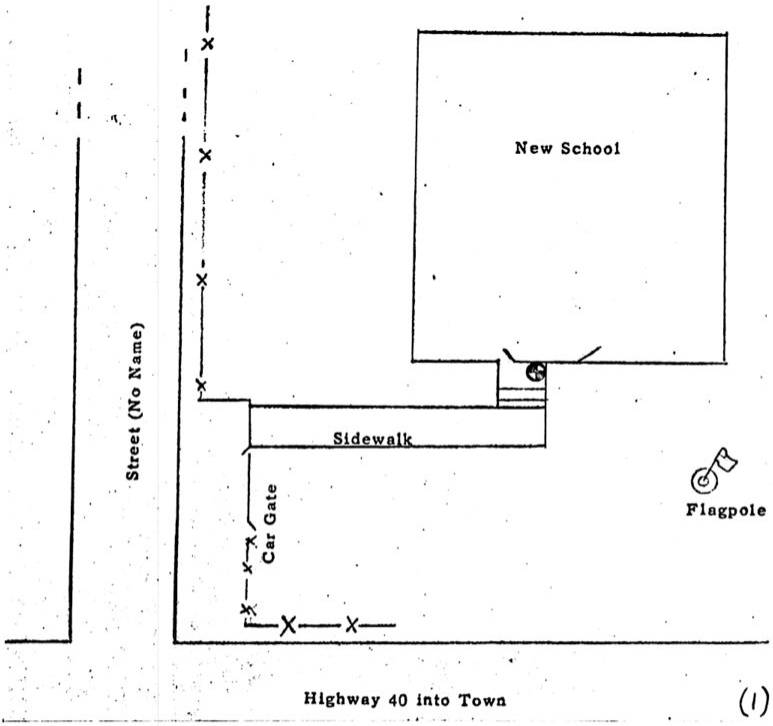
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1644-1		g= 980 275.55 mgals	
IGC 15532B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in southern Scenic, South Dakota, near Highway 40, at the new school.

Observations were made on the south side of the school, northwest of a flagpole, on the landing at the top of the stairway to the main entrance, in the northeast corner.

The station is monumented with a USAF Gravity Disk. (1)



REFERENCE SOURCE

(1) 05112

1039

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

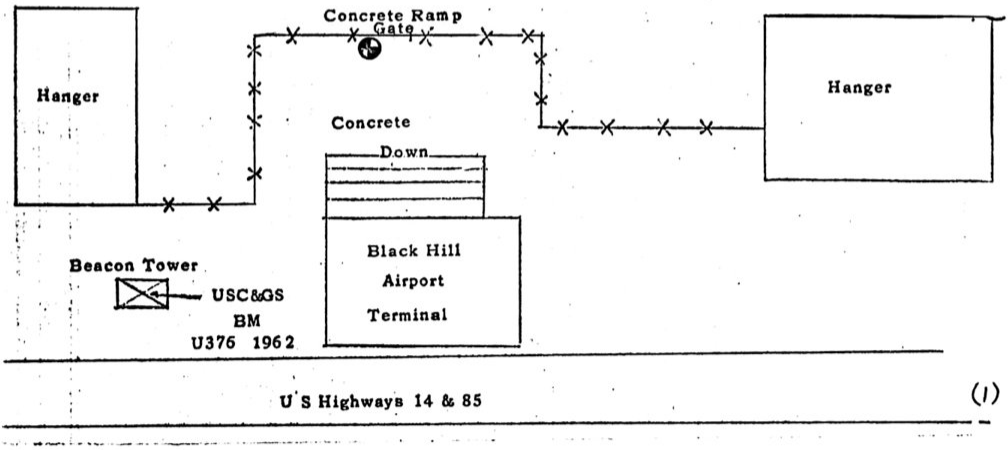
LATITUDE 44° 29.00' N (1)	STATION DESIGNATION SPEARFISH
LONGITUDE 103° 47.00' W (1)	
ELEVATION 1197.56 METERS (1)	COUNTRY/STATE USA/South Dakota
REFERENCE CODE NUMBERS: ACIC 1645-1; IGC 15543K	ADOPTED GRAVITY VALUE: g= 980 251.67 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is 4 miles east of Spearfish, South Dakota, at the Black Hills Airport.

Observations were made 10 meters north of the north side of the terminal building, next to a fence, .6 meter west of a gate.

USC&GS BM U376 is 33 meters southwest of the station at the same elevation. (1)



(1)

REFERENCE SOURCE

(1) 05112

ACIC HQ FORM FEB 69 0-415

1040

GRAVITY BASE STATION

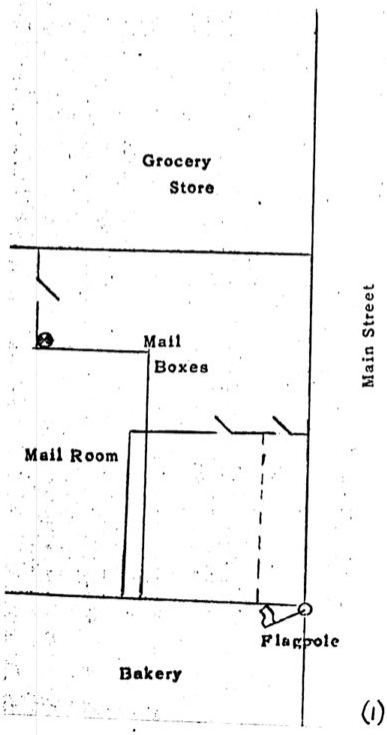
LATITUDE 43° 34.05' N (1)	STATION DESIGNATION WHITE RIVER
LONGITUDE 100° 44.70' W (1)	
ELEVATION 630.00 METERS (1)	COUNTRY/STATE USA/South Dakota
REFERENCE CODE NUMBERS: ACIC 1647-1; IGC 15530B	ADOPTED GRAVITY VALUE: g= 980 258.64 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in White River, South Dakota, on the Main Street, at the Post Office (1961).

Observations were made in the mail box room, 1 meter south of the service door and 5 meters northwest of the main entrance.

The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05112

1041

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

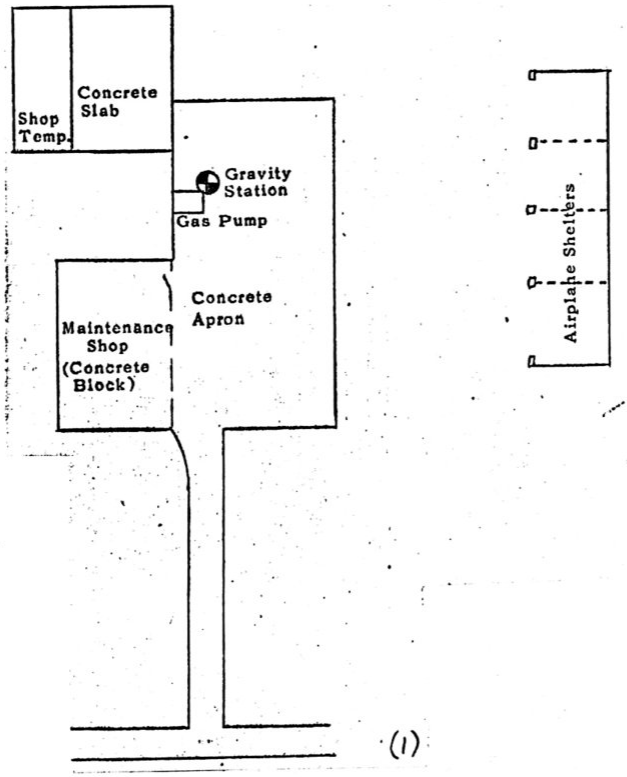
LATITUDE 43° 23.40' N (1)	STATION DESIGNATION: WINNER
LONGITUDE 98° 50.55' W (1)	
ELEVATION 621.19 METERS (1)	COUNTRY/STATE: USA/South Dakota
REFERENCE CODE NUMBERS: ACIC 1648-1; IGC 15438L	ADOPTED GRAVITY VALUE: g= 980 253.00 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is one mile north of Winner, South Dakota, at the Airport.

Observations were made on the northeast corner of a gas pump (hand) on the concrete ramp. The pump is approximately 10 feet north of the northeast corner of the maintenance shop.

The station is monumented with a "USAF Gravity Disk". (1)



(1)

REFERENCE SOURCE

(1) 05112

ACIC HQ FORM FEB 69 O-415

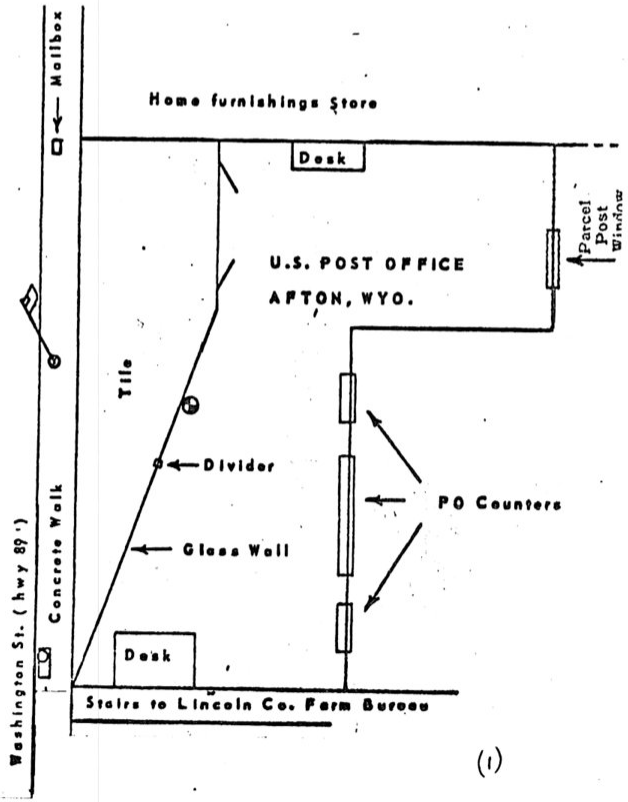
1042

GRAVITY BASE STATION

LATITUDE 42° 44.00'N (1)	STATION DESIGNATION AFTON
LONGITUDE 110° 56.00'W (1)	
ELEVATION 1869 METERS (1)	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS: ACIC 1619-1; IGB 15620B	ADOPTED GRAVITY VALUE: g= 979 838.51 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Afton on Washington St. (U.S. 89), in the U.S. Post Office; at the angled, glass, front wall; at the center of the pane of glass nearest the door; on the tile floor. The station is monumented with a "USAF GRAVITY STATION" disk. (Described December, 1966). Note: Tile on outside is at the same level as tile inside. (1)



(1)

REFERENCE SOURCE

(1) 05110

1043

ACIC HQ FORM FEB 69 O-415

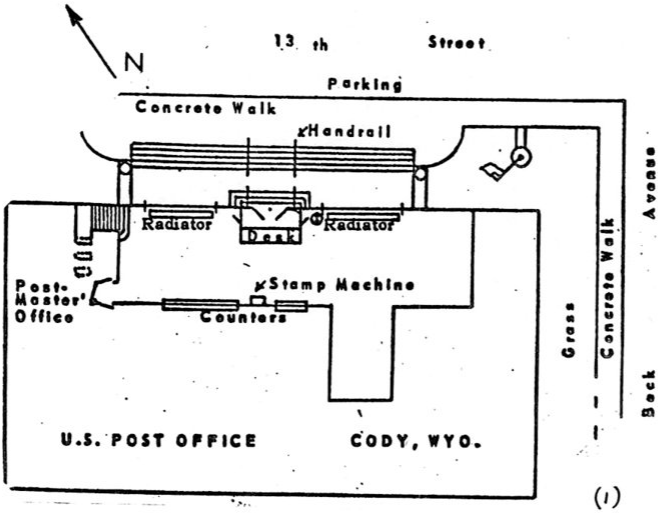
GRAVITY BASE STATION

LATITUDE 44° 32.00'N (1)	STATION DESIGNATION CODY
LONGITUDE 109° 03.00'W (1)	
ELEVATION 1527 METERS (1)	COUNTRY/STATE USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1651-1		g= 980 077.24 mgals	
IGB 15549B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Cody on 13th street between Beck Ave and Sheridan Ave at the U.S. Post Office--a two story brick building; in the main lobby against the northeast (front) wall, at the southern of two windows, at the north end of the window and radiator, on the Terrazo floor. The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". (Described, Oct 1966.) (1)



(1)

REFERENCE SOURCE

(1) 05110

ACIC HQ FORM FEB 69 O-415

1044

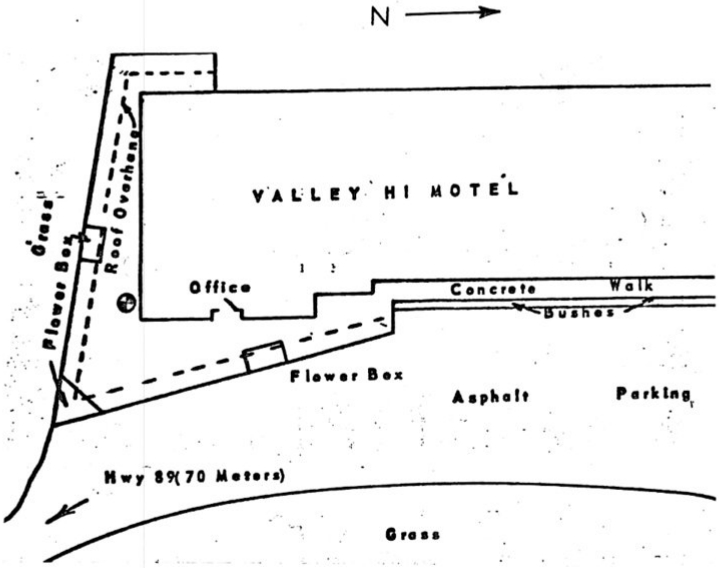
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
42° 05.00'N (1)	COKEVILLE
LONGITUDE	
110° 57.00'W (1)	
ELEVATION	**COUNTRY/STATE**
1886 METERS (1)	USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1652-1		g= 979 771.25 mgals	
IGB 15620C			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is at the south end of Cokeville, at the Valley Hi Motel, at the south end of the motel office; at the southeast corner of the building, against the south wall, on the concrete. The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". Described Oct 1966. (1)



(1)

REFERENCE SOURCE

(1) 05110

1045

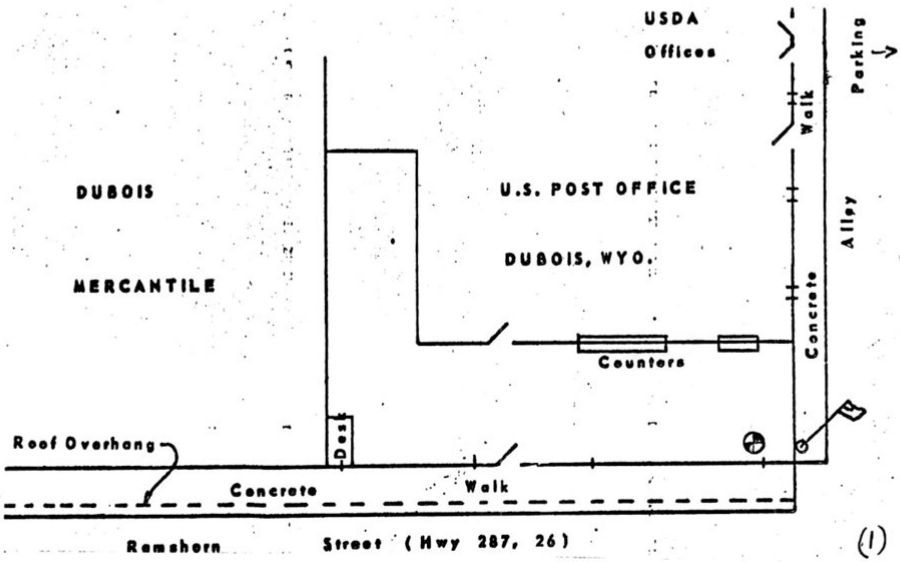
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 43° 32.00'N (1)	STATION DESIGNATION DUBOIS
LONGITUDE 109° 38.00'W (1)	
ELEVATION 2108 METERS	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS: ACIC 1653-1; IGB 15539B	ADOPTED GRAVITY VALUE: g= 979 868.59 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Dubois on Ramshorn Street (Hwy 287/26), in the U.S. Post Office (a one-story green concrete block building), in the lobby, at the south (front) wall, in the southeast corner of the building, on the concrete floor. The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". (Described October 1966) (1)



(1)

REFERENCE SOURCE

(1) 05110

ACIC HQ FORM FEB 69 O-415

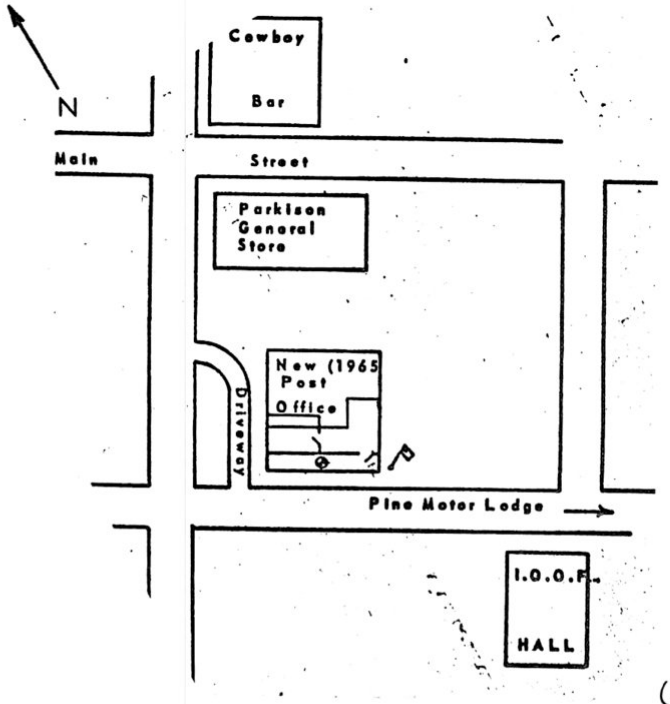
1046

GRAVITY BASE STATION

LATITUDE 41° 12.37'N (1)	STATION DESIGNATION ENCAMPMENT
LONGITUDE 106° 47.52'W (1)	
ELEVATION 2278.7 METERS (1)	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS: ACIC 1654-1; IGB 15516E	ADOPTED GRAVITY VALUE: g= 979 636.08 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Encampment at the post office, six inches south of the southwall, midway between the southeast and the southwest corner, on the concrete sidewalk. The station is monumented with a "USAF GRAVITY STATION" disk. (Described; December, 1966) (1)



(1)

REFERENCE SOURCE

(1) 05110

1047

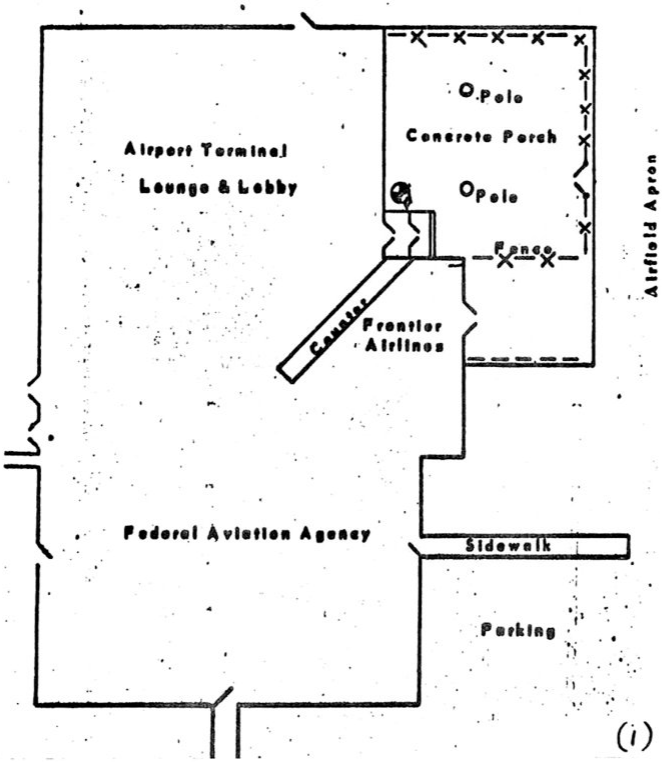
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 41° 19.00'N (1)	STATION DESIGNATION LARAMIE
LONGITUDE 105° 40.00'W (1)	
ELEVATION 2217 METERS (1)	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS: ACIC 1657-1, IGB 15515K	ADOPTED GRAVITY VALUE: g= 979 682.51 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: Jan/1968

DESCRIPTION AND/OR SKETCH

The station is west of Laramie on Highway 130 at Brees Field (the city-county airport), at the terminal, on the field (east) side, near the north-east corner, on the concrete pad in the outdoor corner formed by the east building wall and the entrance vestibule. The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". (Described October 1966) (1)



REFERENCE SOURCE

(1) 05110

ACIC HQ FORM FEB 69 0-415

1048

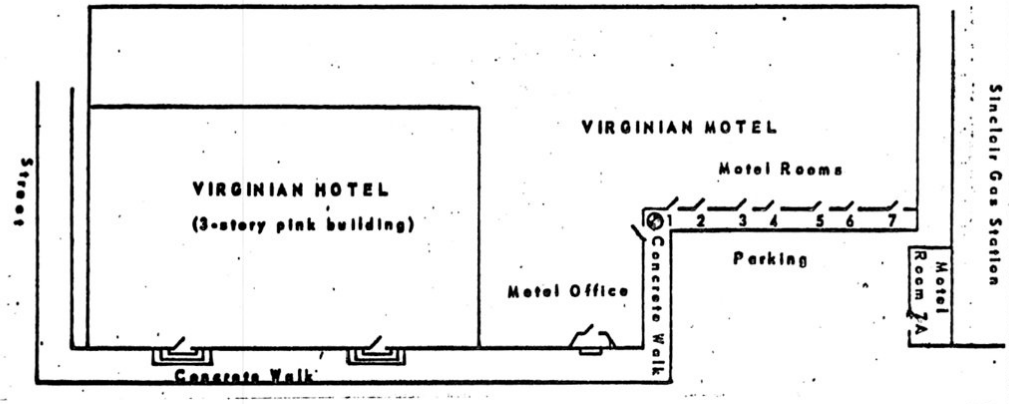
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
41° 54.00'N (1)	MEDICINE BOW
LONGITUDE	
106° 11.50'W (1)	
ELEVATION	**COUNTRY/STATE**
2000 METERS (1)	USA/Wyoming

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
~~ACIC 1658-1~~	g = 979 728.46 mgals	
~~IGB 15516C~~		
	ESTIMATED ACCURACY	**DATE**
	± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Medicine Bow at the Virginian Motel (first building east of the Virginian Hotel, a three story pink building), in the corner formed by the Motel office and the row of Motel rooms 1-7, three meters west of the room 1 door, on the concrete walk. The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". (Described October 1966) (1)



(1)

REFERENCE SOURCE

(1) 05110

1049

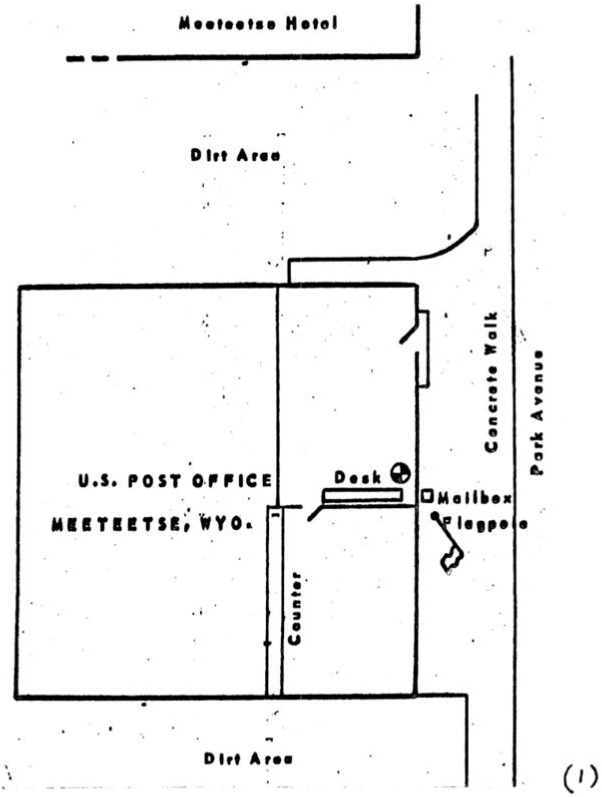
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 44° 09.00'N (1)	STATION DESIGNATION MEETEESE
LONGITUDE 108° 09.00'W (1)	
ELEVATION 1765.00 METERS (1)	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS: ACIC 1659-1; IGB 15548B	ADOPTED GRAVITY VALUE: g= 980 006.33 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Meeteese on Park Avenue, ½ block west of Highway 120; at the U.S. Post Office, in the main lobby, at the north (front) wall below the window, at the west edge of the writing desk, on the tile floor. The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". (Described October 1966) (1)



REFERENCE SOURCE

(1) 05110

ACIC HQ FORM FEB 69 O-415

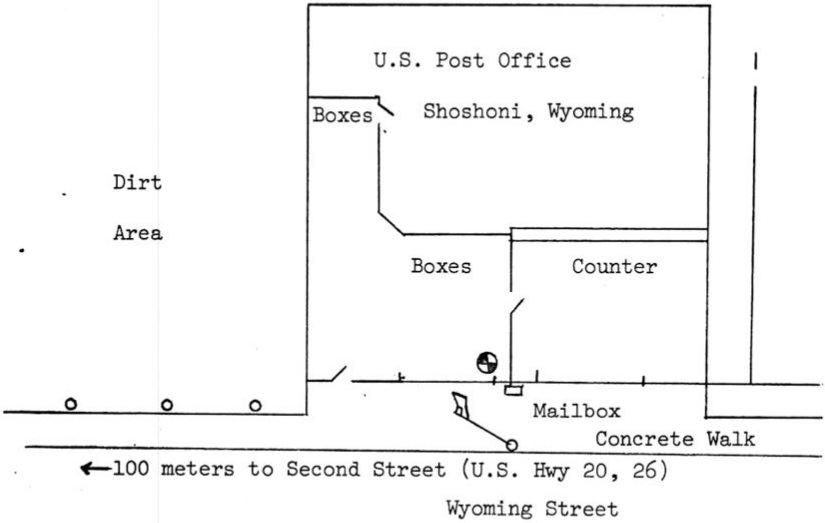
1050

GRAVITY BASE STATION

LATITUDE 43° 14.00'N (1)	STATION DESIGNATION SHOSHONI
LONGITUDE 108° 06.50'W (1)	
ELEVATION 1469 METERS	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS: ACIC 1661-1; IGB 15538C	ADOPTED GRAVITY VALUE: g= 979 948.69 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Shoshoni on Wyoming Street (a Conoco gas station is on the corner of Wyoming Street and US 20, 26), at the U.S. Post Office, in the main lobby against the west (front) wall, below the northerly of two large windows, on the tile floor. The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". Described October 1966. (1)



(1)

REFERENCE SOURCE

(1) 05110

1051

ACIC HQ FORM FEB 69 0-415

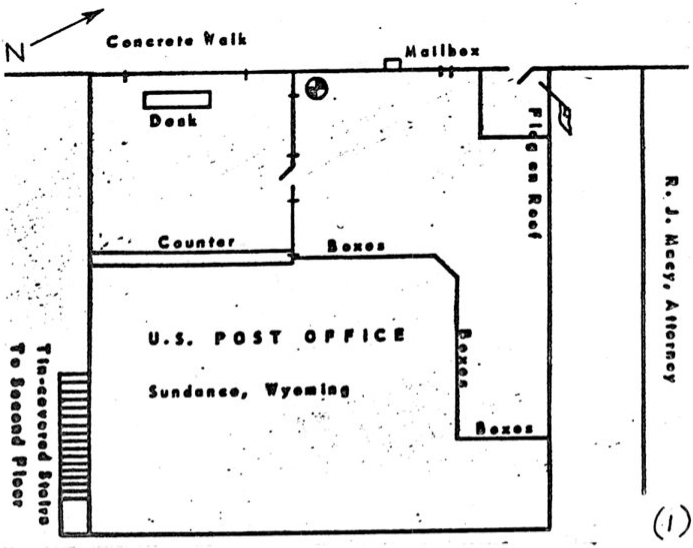
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
44° 24.00'N (1)	SUNDANCE
LONGITUDE	
104° 22.50'W (1)	
ELEVATION	**COUNTRY/STATE**
1448 METERS (1)	USA/Wyoming

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 1662-1 IGB 15544B	g= 980 182.88 mgals	
	ESTIMATED ACCURACY	**DATE**
	± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Sundance on Main Street (behind the courthouse), between 3rd & 4th streets at the U.S. Post Office (a two story red brick building), in the main lobby against the northwest (front) wall in the corner formed by the front wall and wall dividing the lobby and parcel post room (about 3 meters southwest of the netrance), on the tile floor. The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". Described October 1966. (1)



REFERENCE SOURCE

(1) 05110

ACIC HQ FORM FEB 69 O-415

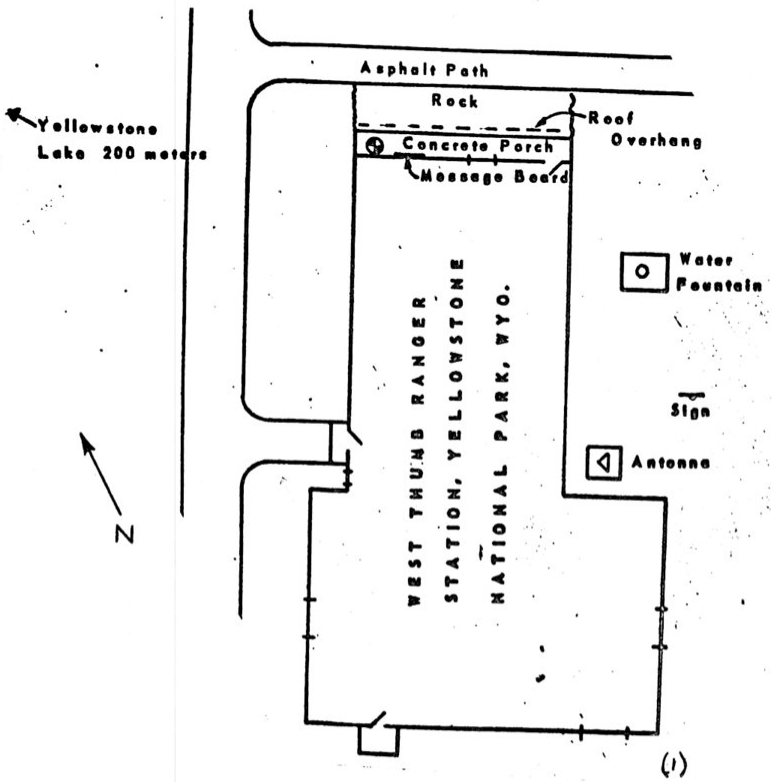
1052

GRAVITY BASE STATION

LATITUDE 44° 25.00'N (1)	STATION DESIGNATION WEST THUMB
LONGITUDE 110° 34.00'W (1)	
ELEVATION 2380 METERS (1)	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS: ACIC 1664-1; IGB 15640J	ADOPTED GRAVITY VALUE: g= 979 874.82 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in West Thumb, Yellowstone National Park; at the Ranger Station, a log building about 40 meters south of the main road; at the front (northeast entrance, at the northwest end of the porch, on the concrete below the message board. The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". Described October 1966. (1)



(1)

REFERENCE SOURCE
(1) 05110

1053

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 36° 46.6'N (1)	STATION DESIGNATION INDEPENDENCE
LONGITUDE 118° 10.7'W (1)	
ELEVATION 1205.79 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS	
ACIC 1665-1	
U 1030	
C 235	

ADOPTED GRAVITY VALUE		
g= 979 463.49 mgals		
ESTIMATED ACCURACY	DATE	
± 0.1 mgals	MONTH/YEAR Feb/1968	

DESCRIPTION AND/OR SKETCH

This station is 2.2 miles south of Independence, Inyo County, California, along U.S. Highway 6 and 395, 150 feet east of California Division of Highways marker 443 + 19, at U.S. Coast and Geodetic Survey pendulum gravity station U.S. 1030 Independence (Duerksen, 1949); on ground. (1)

REFERENCE SOURCE

(1) 02207

ACIC HQ FORM FEB 69 O-415

1054

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
LONGITUDE	HYANNIS
ELEVATION 15.5 METERS	COUNTRY/STATE USA/Massachusetts
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1670-1	g= 980 339.13 mgals
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR March/1968

DESCRIPTION AND/OR SKETCH

Station is located one mile north of Hyannis, Mass., in center of traffic circle at junction of Routes 132 and 28. Bench mark (51') not found. (1)

REFERENCE SOURCE

(1) 12209

1055

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION ADAMS
LONGITUDE	
ELEVATION METERS	COUNTRY/STATE USA/Massachusetts
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1674-1	g = 980 322.18 mgals
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR March/1968

DESCRIPTION AND/OR SKETCH

Station is located at Mohawk Hotel in Adams, Mass.; read directly under mailbox attached to wall of hotel, with plate touching wall. (1)

REFERENCE SOURCE

(1) 12209

ACIC HQ FORM FEB 69 O-415

1056

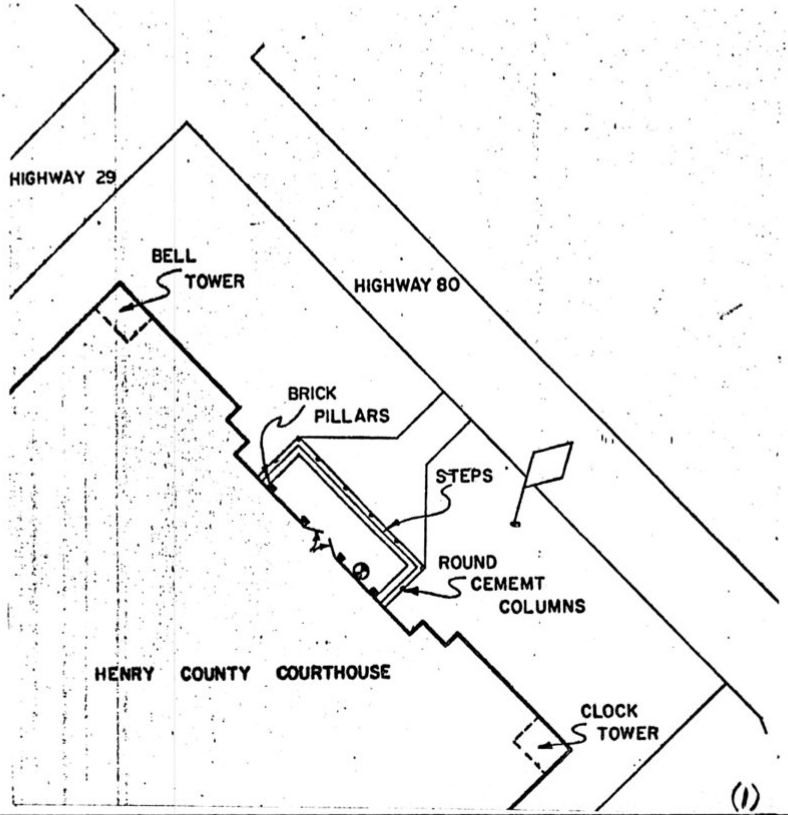
GRAVITY BASE STATION

LATITUDE 26° 44'N (1)	STATION DESIGNATION LA BELLE
LONGITUDE 81° 26'W (1)	
ELEVATION 5.5 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 1734-2; IGC 08161D	ADOPTED GRAVITY VALUE: g= 979 106.71 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located in La Belle, Florida at the Henry County Courthouse, on the front porch.

The site is six feet east of the main entrance, beside a blackboard titled "Farmers Bulletin". The station is on a concrete surface, next to the brick wall of the building. (1)



REFERENCE SOURCE

(1) 05109

1057

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 29.02'N (1)	STATION DESIGNATION ALTURAS
LONGITUDE 120° 32.38'W (1)	
ELEVATION 1330.2 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1740-1		g= 979 888.02 mgals	
C 14			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Alturas, at the Modoc County Court House, at the main entrance, in the west face of the north balustrade. Reading on second step above ground level, 1.75 feet below disc (USC&GS F-93). (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 O-415

1058

GRAVITY BASE STATION

LATITUDE 26° 04.7' N (1)	STATION DESIGNATION PORT ISABEL
LONGITUDE 97° 12.5' W (1)	
ELEVATION 3.0 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 1743-1; U 725	ADOPTED GRAVITY VALUE: g= 979 079.8 mgals
	ESTIMATED ACCURACY: ± 0.5 mgals
	DATE: MONTH/YEAR May/1968

DESCRIPTION AND/OR SKETCH

The station is located at Point Isabel, 308 feet North 19° West (mag.) from the lighthouse and 250 feet N. 66° W. (mag.) from triangulation station Fronton.

Observations were made 6 feet south of a brass disk in a concrete post protruding 6 inches. It is located about 10 meters south of the water's edge, 13 meters west of the center line of Garcia Street, and 70 meters north of Maxam Street. (1)

REFERENCE SOURCE

(1) 00269 (2) 1083

1059

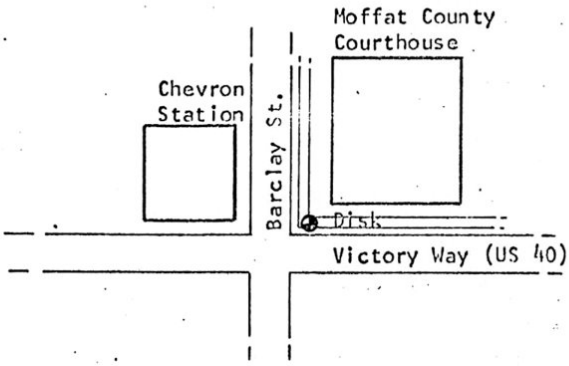
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 30.56'N (1)	STATION DESIGNATION CRAIG
LONGITUDE 107° 33.04'W (1)	
ELEVATION 1877.0 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 1751-2; IGB 15507B	ADOPTED GRAVITY VALUE: g= 979 619.05 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Base station is located in front of courthouse in Craig. Monument (USC & GS BM) is on sidewalk, southwest corner in front of courthouse. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

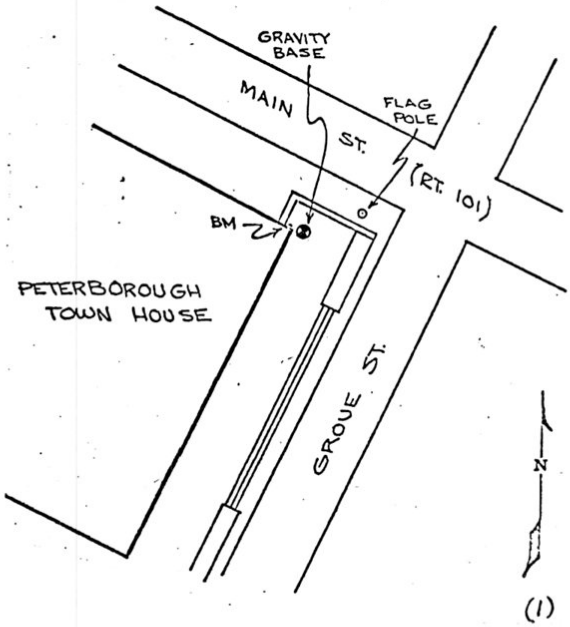
1060

GRAVITY BASE STATION

LATITUDE 42° 52.63'N (1)	STATION DESIGNATION PETERBOROUGH
LONGITUDE 71° 57.05'W (1)	
ELEVATION 68.28 METERS (1)	COUNTRY/STATE USA/New Hampshire
REFERENCE CODE NUMBERS: ACIC 1841-1	ADOPTED GRAVITY VALUE: g= 980 376.37 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/69

DESCRIPTION AND/OR SKETCH

Station is on the porch, eight feet directly below the United States Geological Survey bench mark at the northeast corner of the Town House in the town of Peterborough, New Hampshire. (1)



REFERENCE SOURCE

(1) 00360

1061

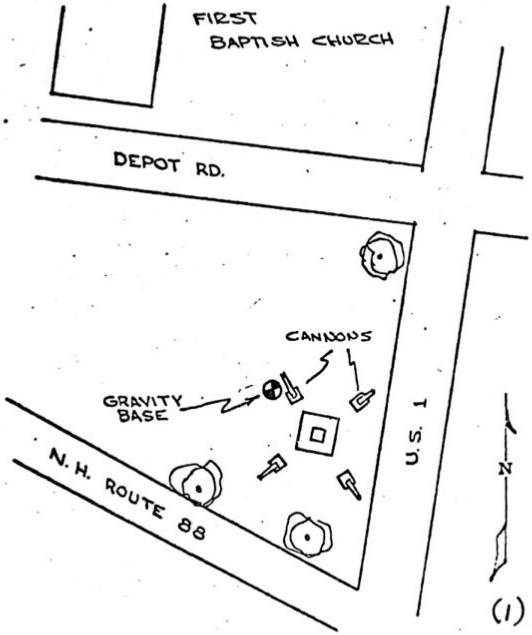
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 54.98'N (1)	STATION DESIGNATION HAMPTON FALLS
LONGITUDE 70° 51.89'W (1)	
ELEVATION 21.6 METERS (1)	COUNTRY/STATE USA/New Hampshire
REFERENCE CODE NUMBERS: ACIC 1843-1	ADOPTED GRAVITY VALUE: g = 980 445.49 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/69

DESCRIPTION AND/OR SKETCH

From the junction of US Highway 1 and New Hampshire State Highway 107, proceed north 1.6 miles on route 1 to road triangle in the town on Hampton Falls, N. H. Station is in the triangle, at the northernmost corner of the northernmost cannon. (1)



(1)

REFERENCE SOURCE

(1) 00360

ACIC HQ FORM FEB 69 0-415

1062

GRAVITY BASE STATION

LATITUDE 44° 46.78'N (1)	STATION DESIGNATION ERROL
LONGITUDE 71° 08.00'W (1)	
ELEVATION 374.3 METERS (1)	COUNTRY/STATE USA/New Hampshire
REFERENCE CODE NUMBERS ACIC 1844-1	ADOPTED GRAVITY VALUE g = 980 484.24 mgals
	ESTIMATED ACCURACY ± 0.1 mgals
	DATE MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

Station is in the center of the road intersection at the easternmost junction of New Hampshire state highways 16 and 26 in the town of Errol. (1)

REFERENCE SOURCE

(1) 00360

1063

ACIC HQ FORM FEB 69 O-415

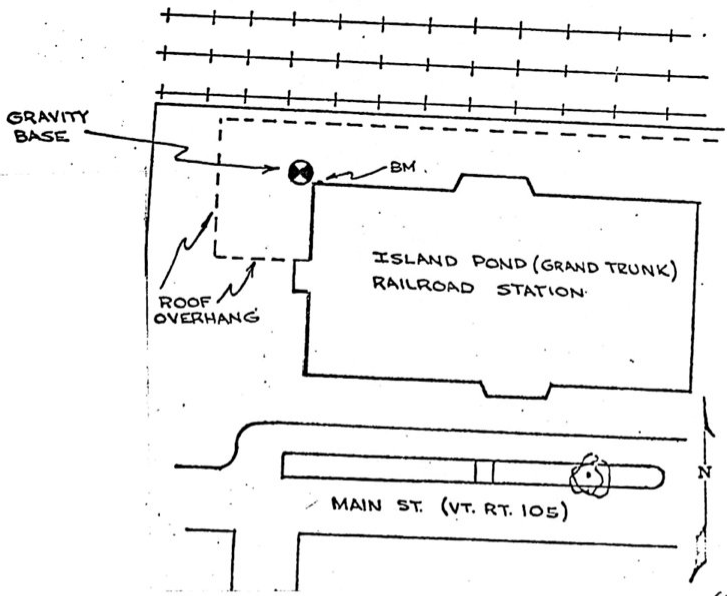
GRAVITY BASE STATION

LATITUDE 44° 48.92'N (1)	STATION DESIGNATION
LONGITUDE 71° 52.90'W (1)	ISLAND POND
ELEVATION 362.1 METERS (1)	COUNTRY/STATE USA/Vermont

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1845-1		g= 980 486.83 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/69

DESCRIPTION AND/OR SKETCH

Station is at the northwest corner of the Grand Trunk Railroad Station in the town of Island Pond, Vermont. (1)



(1)

REFERENCE SOURCE

(1) 00360

ACIC HQ FORM FEB 69 0-415

1064

GRAVITY BASE STATION

LATITUDE 44° 04.45'N (1)	STATION DESIGNATION
LONGITUDE 71° 08.23'W (1)	CONWAY
ELEVATION 166.4 METERS (1)	COUNTRY/STATE USA/New Hampshire

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1846-1		g = 980 451.15 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

Station is at track level on the platform in front of the Intervale railroad station in the town of Conway, New Hampshire. (1)

REFERENCE SOURCE

(1) 00360

1065

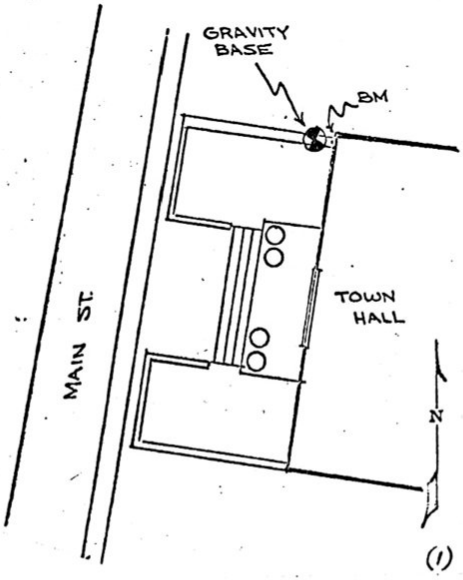
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 23.48'N (1)	STATION DESIGNATION
LONGITUDE 71° 03.97'W (1)	FARMINGTON
ELEVATION 86.3 METERS (1)	COUNTRY/STATE USA/New Hampshire
REFERENCE CODE NUMBERS: ACIC 1847-1	ADOPTED GRAVITY VALUE: g= 980 455.53 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/69

DESCRIPTION AND/OR SKETCH

Station is on the curbstone, two feet directly below the US Geological Survey bench mark at the northwest corner of the Town Hall in the town of Farmington, New Hampshire. (1)



REFERENCE SOURCE

(1) 00360

ACIC HQ FORM FEB 69 0-415

1066

GRAVITY BASE STATION

LATITUDE 40° 01.80'N (1)	STATION DESIGNATION DOYLE
LONGITUDE 120° 06.00'W (1)	
ELEVATION 1299.1 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2002-1; C 25	ADOPTED GRAVITY VALUE: g= 979 758.66 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Doyle, just east of the Western Pacific Railroad track, 150 feet north of the station, in the foundation of a water tank, on the second pedestal fromthe south side. Reading on the ground 3.7 feet below disc (USC&GS Y-141). (1)

REFERENCE SOURCE

(1) 02665

1067

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 36° 27.43'N (1)	STATION DESIGNATION FURNACE CREEK
LONGITUDE 116° 51.99'W (1)	
ELEVATION -54.8 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2003-1		g= 979 762.80 mgals	
C 230			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is at Furnace Creek Ranch, 166 yards west of the filling station, 230 yards west of the center line of State Highway 190, 6 ft south of a fence in line with a row of trees directly behind the filling station, on the ground, 0.5 ft below USGS/BM 178 disk. (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 0-415

1068

GRAVITY BASE STATION

LATITUDE 40° 25.15'N (1)	STATION DESIGNATION SUSANVILLE
LONGITUDE 120° 39.59'W (1)	
ELEVATION 1298.4 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2005-1		g= 979 807.74 mgals	
C 22			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At the Post Office in Susanville, at the main entrance, 53 feet east of the center line of Lassen Street, in the top of the north concrete balustrade about 2.1 feet above ground level. Reading on disc (USC&GS H-843). (1)

REFERENCE SOURCE

(1) 02665

1069

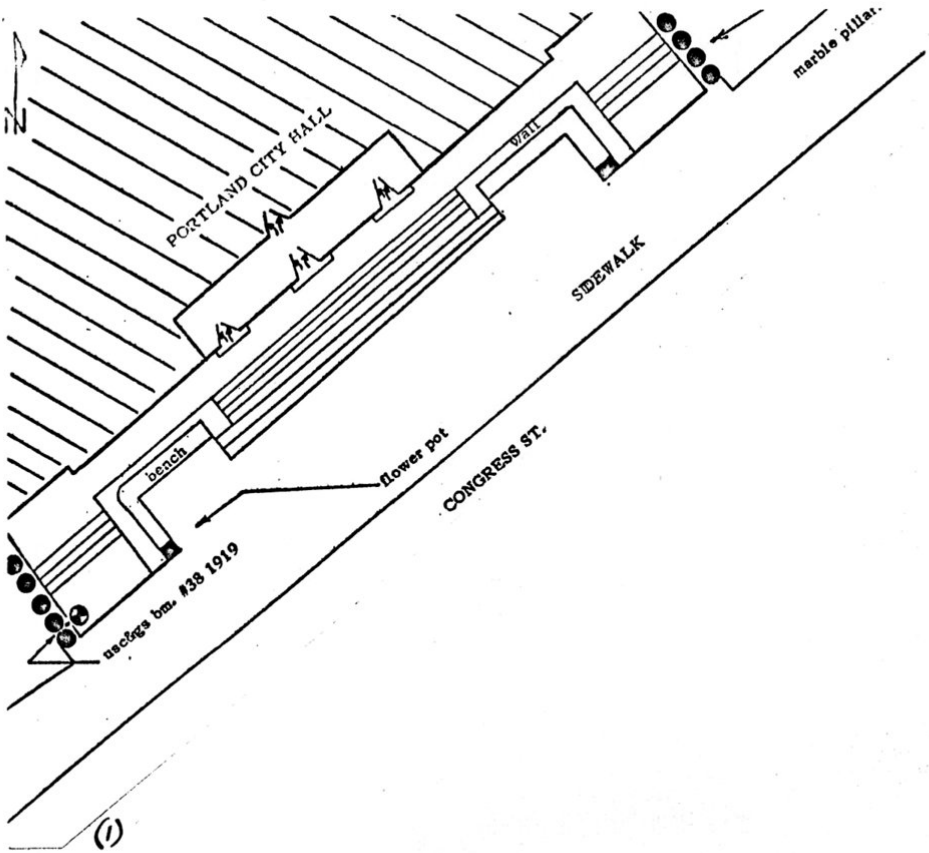
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 43° 39' N. (1)	STATION DESIGNATION PORTLAND
LONGITUDE 70° 18' W. (1)	
ELEVATION 21.23 METERS (1)	COUNTRY/STATE USA/Maine
REFERENCE CODE NUMBERS: ACIC 2010-1; IGC 15230B	ADOPTED GRAVITY VALUE: g= 980 514.86 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Feb/1968

DESCRIPTION AND/OR SKETCH

Station is in Portland, at the Congress St. side of the City Hall, against the eastern wall of the western wing, between the two southernmost pillars, on the concrete, 1.2 meters directly below USC&GS BM "38 1919." (1)



REFERENCE SOURCE

(1) 02752

ACIC HQ FORM FEB 69 O-415

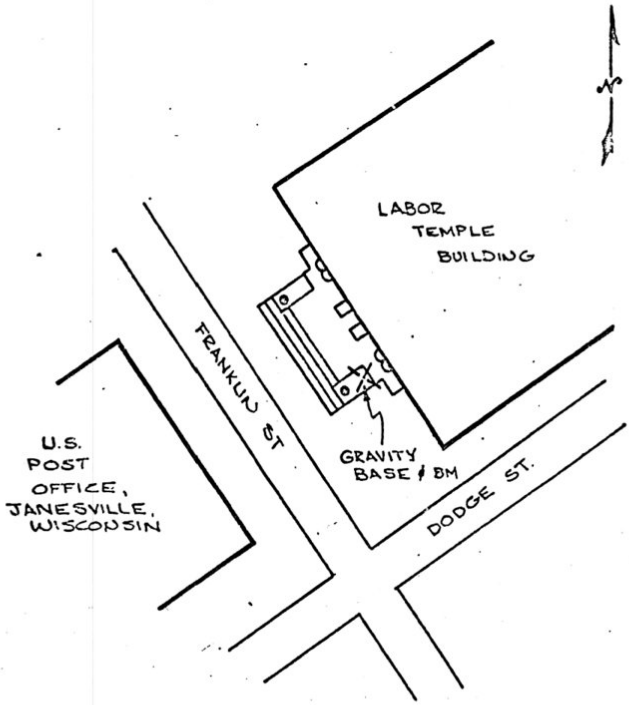
1070

GRAVITY BASE STATION

LATITUDE 42° 40.92'N (1)	STATION DESIGNATION JANESVILLE
LONGITUDE 89° 01.50'W (1)	
ELEVATION 239.1 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS: ACIC 2011-2; IGB 15329B	ADOPTED GRAVITY VALUE: g= 980 341.49 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Janesville, Wisconsin near the intersection of Dodge and South Franklin Street at the Labor Temple Building. Meters read on BM at the Franklin Street entrance, southeast of the door, at the stone balustrade, on the second tier. To reach station from the junction of US Highway 51 and State Highway 26, 11 (East Janesville), travel southeast on Highway 11 (Franklin Street) four blocks. (1)



(1)

REFERENCE SOURCE

(1) 03447

1071

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION: N. R. T. S.
LONGITUDE	
ELEVATION METERS	COUNTRY/STATE: USA/Idaho
REFERENCE CODE NUMBERS: ACIC 2012-1	ADOPTED GRAVITY VALUE: g = 980 050.82 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located about 50 miles west of Idaho Falls, on Highway 20 and 26, at the U. S. Atomic Energy Commission's National Reactor Testing Station, on the concrete walk, at the base of the flag pole, in front of the Security Headquarters' Building at the Central Facilities Area. (1)

REFERENCE SOURCE

(1) 12209

ACIC HQ FORM FEB 69 O-415

1072

GRAVITY BASE STATION

LATITUDE 42° 39' N (1)	STATION DESIGNATION SODA SPRINGS
LONGITUDE 111° 36' W (1)	
ELEVATION 1776.4 METERS (1)	COUNTRY/STATE USA/Idaho
REFERENCE CODE NUMBERS: ACIC 2013-1	ADOPTED GRAVITY VALUE: g= 979 876.99 mgals
	ESTIMATED ACCURACY: ± 0.2 mgals
	DATE: MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at a USC&GS benchmark about 1.3 miles east along the Union Pacific Railroad from the station at Soda Springs, Caribou County, Idaho, midway between two switches of a wye, 78 feet south of a wigwag, at a road crossing, 30 feet east of the center line of the road, about 100 feet south of the center line of the main track, 24 feet west of a pole, 10 feet northwest of a right-of-way fence corner, and 2 feet west of the fence. A standard disk, stamped "F 48 1934" and set in the top of a concrete post. (1)

REFERENCE SOURCE

(1) 12209

1073

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
LONGITUDE	PRESTON
ELEVATION METERS	COUNTRY/STATE USA/Idaho
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 2014-1	g= 979 888.41 mgals
	ESTIMATED ACCURACY / DATE
	± 0.2 mgals / MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is at the USC&GS benchmark designated "A 341," on the north edge of Preston, Idaho, in the "Y" formed by the intersection of U. S. 91 and State Highway 34. (1)

REFERENCE SOURCE

(1) 12209

1074

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 35° 38.84'N (1)	STATION DESIGNATION INYOKERN
LONGITUDE 117° 48.68'W (1)	
ELEVATION 742.2 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2016-1; C 280	ADOPTED GRAVITY VALUE: g = 979 518.86 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at the Inyokern Railroad Station, on the south end of the concrete slab, at the southeast entrance to the building, at track level. (1)

REFERENCE SOURCE

(1) 02665

1075

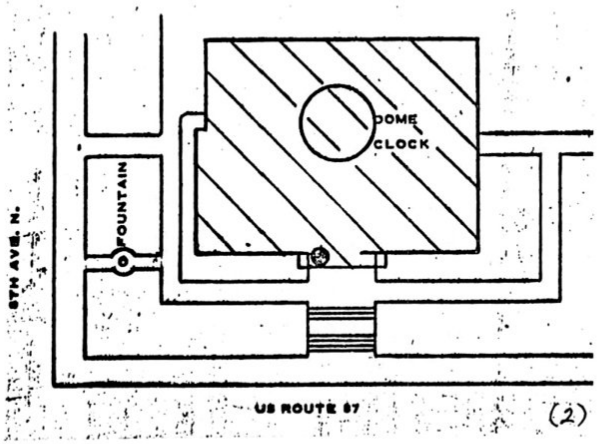
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 47° 03' N (1)	STATION DESIGNATION LEWISTOWN
LONGITUDE 109° 29' W (1)	
ELEVATION 1208.07 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 2017-0; IGC 15579B	ADOPTED GRAVITY VALUE: g= 980 463.02 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

Station is located in Lewistown, Mont., at Fergus County Court House, at the south entrance (facing US 87), in the northwest corner of the entranceway, outside the building, on the marble step at USC&GS BM V 48 1933. (1)



(2)

REFERENCE SOURCE

(1) 01355 (2) 05100

ACIC HQ FORM FEB 69 0-415

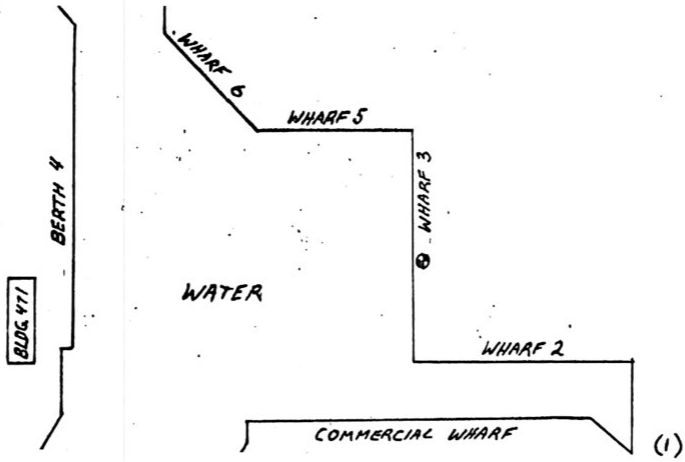
1076

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
LONGITUDE	PORT HUENEME
ELEVATION METERS	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 2019-1	g= 979 638.8 mgals
NHO 32.29	
	ESTIMATED ACCURACY / DATE
	± 0.5 mgals / MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located on Wharf #3 at Port Hueneme, 332 feet from junction of Wharf #2 and #3. (1)



(1)

REFERENCE SOURCE

(1) 02632

1077

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 51.70'N (1)	STATION DESIGNATION TERMO
LONGITUDE 120° 27.25'W (1)	
ELEVATION 1616.0 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2027-1		g= 979 764.29 mgals	
C 19			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Three-tenths mile along the Southern Pacific Company Railroad tracks from the station at Termo, at the crossing of U. S. Highway 395. Ninety feet north of the center line of the highway and 52 feet east of the track. Reading on the disc (USC&GS J-94). (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 O-415

1078

GRAVITY BASE STATION

LATITUDE 41° 12.60'N (1)	STATION DESIGNATION DUNSMUIR
LONGITUDE 122° 16.26'W (1)	
ELEVATION 702.9 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2028-1; C 10	ADOPTED GRAVITY VALUE: g = 980 047.45 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Dunsmuir, on Pine Street, between Sacramento and Florence Avenues, in the northwest concrete wall of the Dunsmuir News Building, 20 feet southeast of the center line of Pine Street. Reading on sidewalk 1.6 feet below disc (USC&GS S-13). (1)

REFERENCE SOURCE

(1) 02665

1079

ACIC HQ FORM FEB 68 O-415

GRAVITY BASE STATION

LATITUDE 39° 31.48'N (1)	STATION DESIGNATION WILLOWS
LONGITUDE 122° 10.95'W (1)	
ELEVATION 40.4 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2036-1		g= 980 105.06 mgals	
C 70			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Oct/1968

DESCRIPTION AND/OR SKETCH

Station is at a USC&GS benchmark stamped "T852, Reset 1960", one mile east of Willows, Ukiak County, Calif., on the north side of State Highway 162, in the top of the northwest end of a concrete bridge over an irrigation canal. (2)

REFERENCE SOURCE

(1) 02665 (2) 12209

ACIC HQ FORM FEB 69 O-415

1080

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
37° 18.40'N (1)	MERCED
LONGITUDE	
120° 28.99'W (1)	
ELEVATION	**COUNTRY/STATE**
51.4 METERS (1)	USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2037-2			
C 202		g= 979 901.01 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at the County Court House in Merced, at 21st and M Streets, in the southwest wall of the building, on the sidewalk, 2.7 feet below USGS disc stamped, "171.568". (1)

REFERENCE SOURCE

(1) 02665

1081

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 47° 14.6'N (1)	STATION DESIGNATION MOCLIPS
LONGITUDE 124° 13.4'W (1)	
ELEVATION 8 METERS (1)	COUNTRY/STATE USA/Washington

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2039-1		g= 980 772.7 mgals	
U 228			
		ESTIMATED ACCURACY	DATE
		± 0.5 mgals	MONTH/YEAR Aug/1968

DESCRIPTION AND/OR SKETCH

The station is in the town of Moclips, in the school building which is about 100 meters south of the Moclips River and about 200 meters east of the Northern Pacific Railway tracks.

The site is in the south part of the furnace room. (1)

REFERENCE SOURCE

(1) 00269

1082

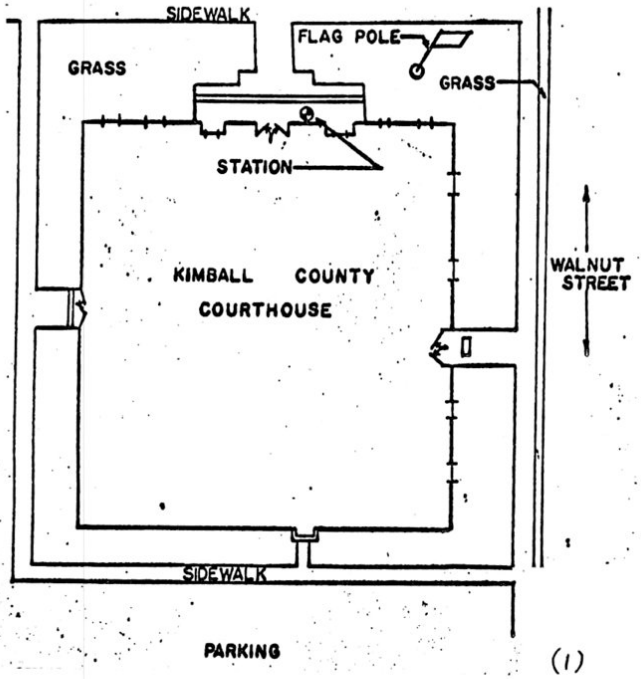
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 15' N (1)	STATION DESIGNATION KIMBALL
LONGITUDE 103° 40' W (1)	
ELEVATION 1436.8 METERS (1)	COUNTRY/STATE USA/Nebraska
REFERENCE CODE NUMBERS: ACIC 2040-1	ADOPTED GRAVITY VALUE: g= 979 859.69 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: March/1968

DESCRIPTION AND/OR SKETCH

Station is in Kimball, at the county courthouse, on the north entrance concrete porch, three feet east of the entrance and one foot north of the wall. Station is monumented with a bronze disk inscribed "KIMBALL S-1 1964." (1)



(1)

REFERENCE SOURCE

(1) 02253

1083

ACIC HQ FORM FEB 69 0-415

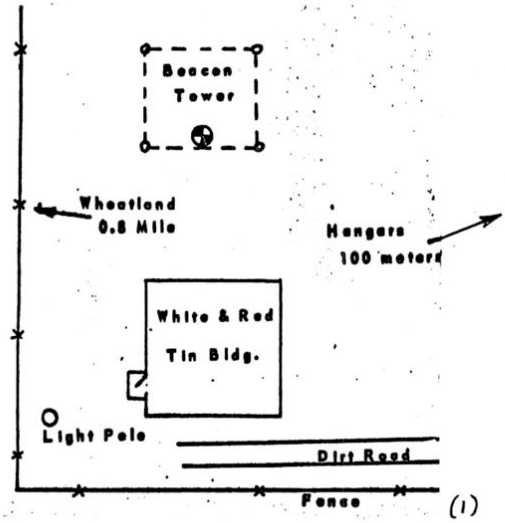
GRAVITY BASE STATION

LATITUDE 42° 03.50'N (1)	STATION DESIGNATION WHEATLAND
LONGITUDE 104° 56.00'W (1)	
ELEVATION 1455 METERS (1)	COUNTRY/STATE USA/Wyoming

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 2044-1	g= 979 927.83 mgals	
IGB 1552WJ		
WA 277	ESTIMATED ACCURACY	DATE
	± 0.1 mgals	MONTH/YEAR March/1968

DESCRIPTION AND/OR SKETCH

The station is 0.8 miles east of the stoplight in the center of Wheatland, at Phifer Field, at the beacon light tower 3 meters north of a red and white building with "104 58" painted on the roof. The site is midway between the southeast and southwest legs of the tower. The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". (Recovered October 1966 as described) (1)



(1)

REFERENCE SOURCE

(1) 05110

ACIC HQ FORM FEB 69 O-415

1084

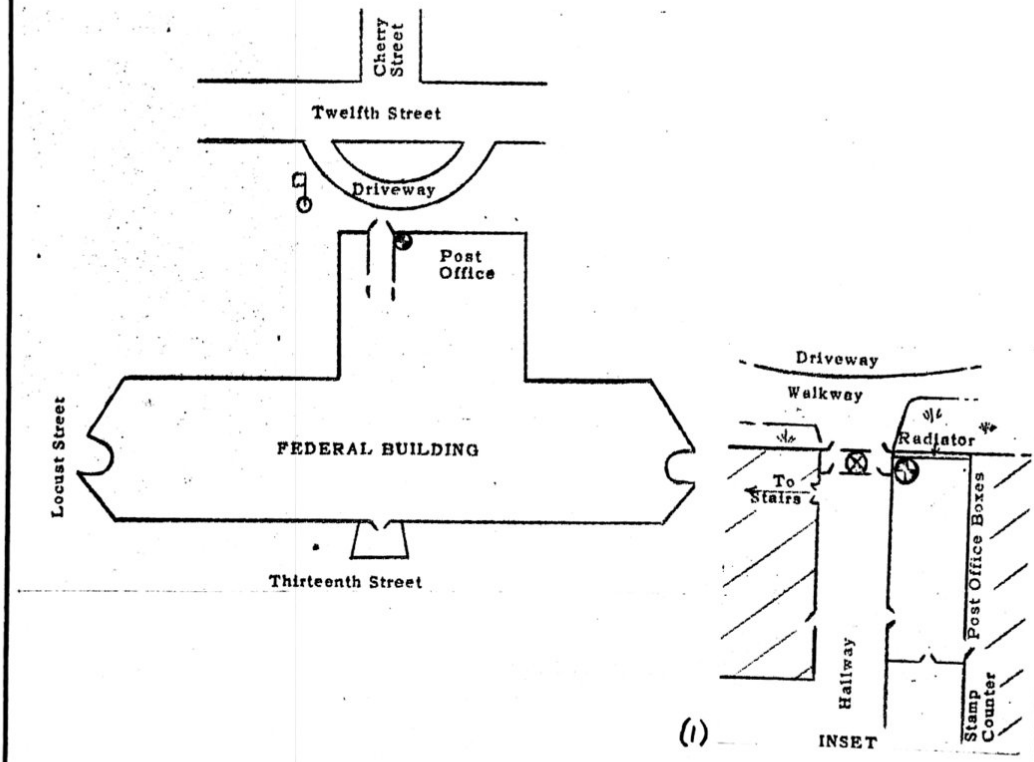
GRAVITY BASE STATION

LATITUDE 39° 06.00' N (1)	STATION DESIGNATION KANSAS CITY
LONGITUDE 94° 34.70' W (1)	
ELEVATION 229.00 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 2052-1; IGC 11894B	ADOPTED GRAVITY VALUE: g= 979 986.36 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: July/1967

DESCRIPTION AND/OR SKETCH

The station is in Kansas City, Mo. at the Federal Building (built in 1965 and bounded by Twelfth, Thirteenth, Locust and Holmes Streets), at the Twelfth St. entrance, in the Post Office, at the northwest corner, (adjacent to the radiator and the wall that separates the Post Office fromthe hallway), on the terrazzo floor.

Station is monumented with a National Gravity Base Disk. (1)



REFERENCE SOURCE

(1) 02733

1085

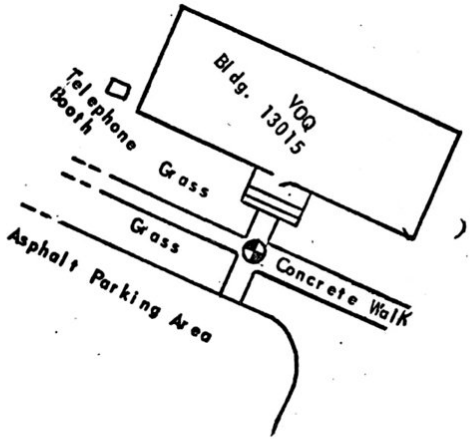
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 34° 43'N (1)	STATION DESIGNATION VANDENBERG AFB
LONGITUDE 120° 34'W (1)	
ELEVATION 112 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2054-1; IGB 12140M	ADOPTED GRAVITY VALUE: g = 979 679.67 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is at Vandenberg AFB, one-half block northeast of Oregon Avenue, northwest of the Officers Club, at VOQ building 13015, on the south side of the building at the northeast corner of the concrete sidewalk intersection formed by an east-west walk paralleling the building and the walk leading to the building entrance. Site is monumented with a "USAF Gravity Station" disc. (1)



(1)

REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

ACIC HQ FORM FEB 69 O-415

1086

GRAVITY BASE STATION

LATITUDE 42° 44.40' N (1)	STATION DESIGNATION GLENDALE
LONGITUDE 123° 25.69' W (1)	
ELEVATION 431.29 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 2056-1	ADOPTED GRAVITY VALUE: g = 980 304.32 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

Station is at USC&GS BM "T551 1954" (Line 6), at Glendale, about 300 ft NW of and across track from SP RR station, about 1½ poles E of milepole 508, at turn table, standard disk set in top of S side of concrete wall of pit, 1.3 ft E of "Date 1-1906" scribed in top of concrete wall, about 1½ ft lower than track. (1)

REFERENCE SOURCE

(1) 12209

1087

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 45.40' N (1)	STATION DESIGNATION PROSPECT
LONGITUDE 122° 29.23' W (1)	
ELEVATION 791.87 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 2060-1	ADOPTED GRAVITY VALUE: g = 980 147.22 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

Station is about ½ mile N of center of Prospect on old Oregon 62, at bridge no. 22-45.04 across tributary of Mill Creek, near OSHD BM Y59 (C&GS Line 24) on SE headwall; read about 5 ft due S of BM disk and on soil at E shoulder of road; 14 inches S of base of reflector post and about 3 ft S of edge of concrete rail; on center line of reflector and rail; read with level bubble of base plate about level with black-painted base of reflector post and also with concrete floor of rail. (1)

REFERENCE SOURCE

(1) 12209

ACIC HQ FORM FEB 69 0-415

1088

GRAVITY BASE STATION

LATITUDE 43° 15.85' N (1)	STATION DESIGNATION CHEMULT
LONGITUDE 121° 46.78' W (1)	
ELEVATION 1435.61 METERS (1)	COUNTRY/STATE USA/Oregon

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2065-1		g= 980 033.53 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Aug/1967

DESCRIPTION AND/OR SKETCH

Station is at USC&GS BM "Y61 1931" (Line 18), about 3.3 mi N of Chemult, on U S 97, about 187 ft N of culvert at S end of tangent and about 76 yds N of milepost 200, 30-35 ft E of center line of highway, standard disk set in concrete post projecting 7 inches above ground. (1)

REFERENCE SOURCE

(1) 12209

1089

ACIC HQ FORM FEB 69 0-415

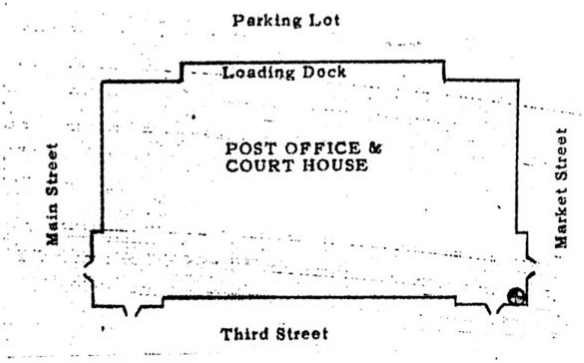
GRAVITY BASE STATION

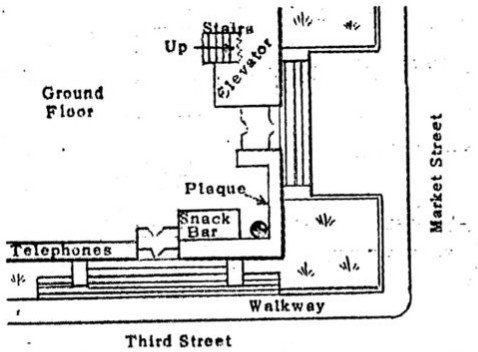
LATITUDE 37° 41.40' N (1)	STATION DESIGNATION WICHITA
LONGITUDE 97° 20.40' W (1)	
ELEVATION 412.00 METERS (1)	COUNTRY/STATE USA/Kansas
REFERENCE CODE NUMBERS: ACIC 2073-1; IGC 11877B	ADOPTED GRAVITY VALUE: g= 979 846.48 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in downtown Wichita at the northwest corner of Third St. and Market St., at the Post Office and Court House, on the ground floor, in the southeast corner (east of the snack bar and telephones, south of the elevator, and one meter south of the plaque on the east wall), on the tile floor.

Station is monumented with a National Gravity Base Disk. (1)





INSET (1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 0-415

1090

GRAVITY BASE STATION

LATITUDE 35° 02.3' N (1)	STATION DESIGNATION CHATTANOOGA
LONGITUDE 85° 12.5' W (1)	
ELEVATION 207.9 METERS (1)	COUNTRY/STATE USA/Tennessee

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2091-1		g= 979 649.63 mgals	
WA 149			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Station is located at airport, at street entrance to terminal, on sidewalk at curb. (2)

REFERENCE SOURCE

(1) 00916 (2) 00415

1091

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 44° 28' N (1)	STATION DESIGNATION BURLINGTON
LONGITUDE 73° 09' W (1)	
ELEVATION 102.11 METERS (1)	COUNTRY/STATE USA/Vermont

REFERENCE CODE NUMBERS	
ACIC 2093-1	
WA 165	

ADOPTED GRAVITY VALUE	
g= 980 517.44 mgals	
ESTIMATED ACCURACY	DATE
± 0.2 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is at the Burlington Municipal Airport, Gate 2, barrier (1)

REFERENCE SOURCE

(1) 00653

ACIC HQ FORM FEB 69 O-415

1092

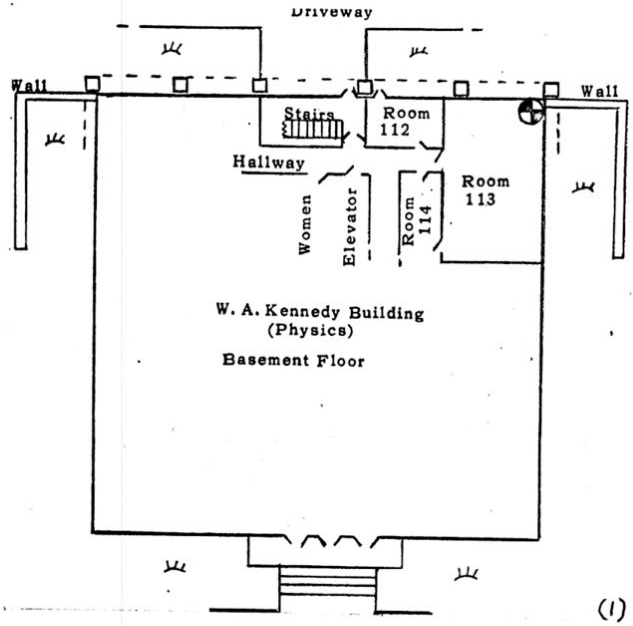
GRAVITY BASE STATION

LATITUDE 35° 12.00' N (1)	STATION DESIGNATION CHARLOTTE
LONGITUDE 80° 56.00' W (1)	
ELEVATION 230.00 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 2096-1; IGC 11750A	ADOPTED GRAVITY VALUE: g= 979 741.79 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is about eight miles northeast of Charlotte, on North Carolina Highway 49, at the University of North Carolina at Charlotte (formerly Charlotte College), in the W. A. Kennedy Building (Physics Building, built in 1962), in the basement floor, northeast corner, in Room 113 (a Physics Lab), in the northeast corner, on the tile floor.

Station is monumented with a USAF Gravity Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

1093

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

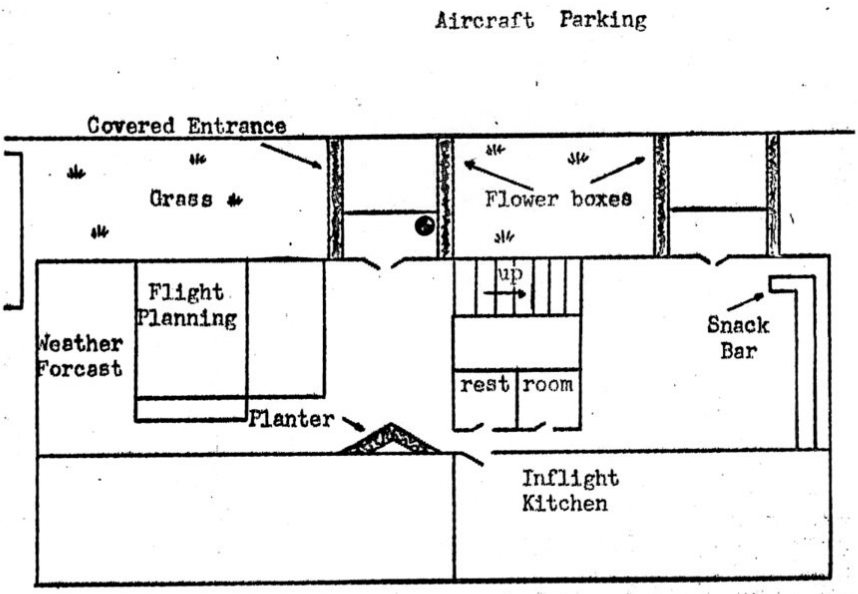
LATITUDE 41° 07.80'N (1)	STATION DESIGNATION OGDEN
LONGITUDE 111° 58.30'W (1)	
ELEVATION 1459.4 METERS (1)	COUNTRY/STATE USA/Utah

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2099-0		g= 979 799.83 mgals	
IGB 15611J			
WA 269		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is located at Hill AFB in Ogden Utah. The site is on the north side of the Base Operations Building. The station is three meters northeast of the main entrance doors. Observations were made on the first step one-half meter west of the flower box. The site is on the concrete surface.

The station is monumented with a bronze disk inscribed "USAF GRAVITY STATION". (1)



BASE OPERATIONS (1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 68 0-415

1094

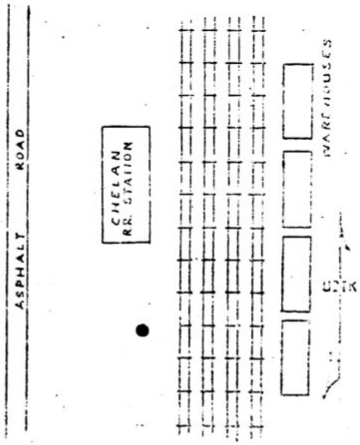
GRAVITY BASE STATION

LATITUDE 47° 48.5'N (1)	STATION DESIGNATION CHELAN
LONGITUDE 119° 58.5'W (1)	
ELEVATION 226.9 METERS (1)	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS: ACIC 2100-1	ADOPTED GRAVITY VALUE: g= 980 750.06 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

The station is located at the Chelan railroad station. It is between the asphalt road and the tracks.

The site is marked with a USGS bronze disk. (1)



(1)

REFERENCE SOURCE

(1) 02615

1095

ACIC HQ FORM FEB 69 0-415

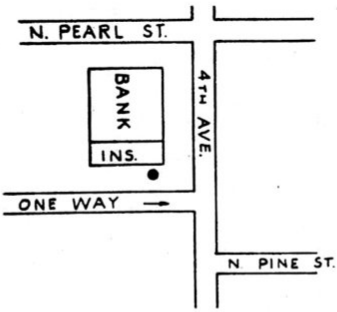
GRAVITY BASE STATION

LATITUDE 46° 59.5'N (1)	STATION DESIGNATION ELLENSBURG
LONGITUDE 120° 32.0'W (1)	
ELEVATION 468.4 METERS (1)	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS: ACIC 2101-1, IGB 15760B	ADOPTED GRAVITY VALUE: g= 980 619.28 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is in the town of Ellensburg, on the sidewalk on the west side of one way street (first street east of N. Pearl St.), and south of 4th Avenue.

The site is marked by a USC&GS bronze disk. (1)



(1)

REFERENCE SOURCE

(1) 02615

ACIC HQ FORM FEB 69 0-415

1096

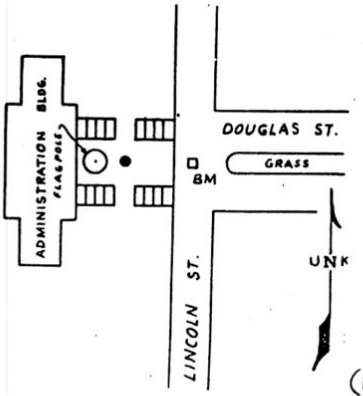
GRAVITY BASE STATION

LATITUDE 47° 58.5'N (1)	STATION DESIGNATION GRAND COULEE
LONGITUDE 119° 02.0'W (1)	
ELEVATION 342.1 METERS (1)	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS: ACIC 2102-1	ADOPTED GRAVITY VALUE: g= 980 724.42 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is at Grand Coulee dam, in front of the Administration Building, directly in front of the flagpole on the street side.

A USBR bronze disk is located under a cast iron cover centered in the intersection of Lincoln and Douglas Streets, in front of the Administration Building. (1)



(1)

REFERENCE SOURCE

(1) 02615

1097

ACIC HQ FORM FEB 69 0-415

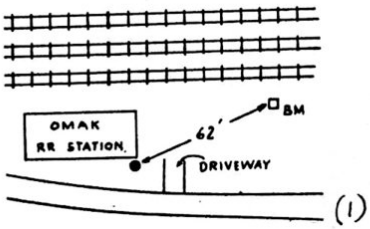
GRAVITY BASE STATION

LATITUDE 48° 24.0'N (1)	STATION DESIGNATION OMAK
LONGITUDE 119° 29.5'W (1)	
ELEVATION 261.7 METERS (1)	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS: ACIC 2103-1; IGB 15689B	ADOPTED GRAVITY VALUE: g= 980 783.71 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is at the Omak railroad station, at the southeast corner of the station building.

A USC&GS bronze disk, set in concrete, is located 62' NE of the gravity station. (1)



REFERENCE SOURCE

(1) 02615

ACIC HQ FORM FEB 69 O-415

1098

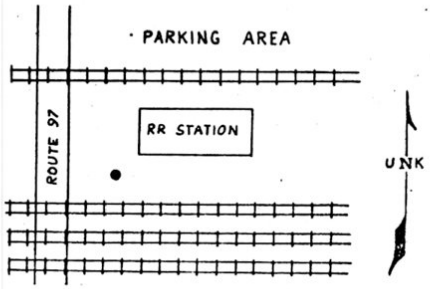
GRAVITY BASE STATION

LATITUDE 48° 56.0'N (1)	STATION DESIGNATION OROVILLE
LONGITUDE 119° 26.0'W (1)	
ELEVATION 282.4 METERS (1)	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS: ACIC 2104-1; IGB 15689B	ADOPTED GRAVITY VALUE: g = 980 795.83 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is at the Oroville railroad station. The site is between the station building and the intersection of Route 97 with the three tracks

The site is marked by a USGS bronze disk set in concrete. (1)



(1)

REFERENCE SOURCE

(1) 02615

1099

ACIC HQ FORM FEB 69 O-415

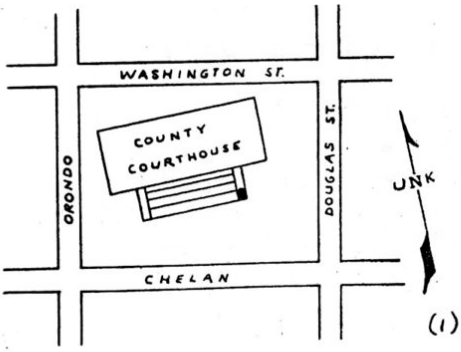
GRAVITY BASE STATION

LATITUDE 47° 25'N (1)	STATION DESIGNATION WENATCHEE
LONGITUDE 120° 18'W (1)	
ELEVATION 221.5 METERS (1)	COUNTRY/STATE USA/Washington
REFERENCE CODE NUMBERS: ACIC 2105-1, IGB 15770B	ADOPTED GRAVITY VALUE: g= 980 710.74 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

The station is located in Wenatchee, at the county courthouse. Approaching the entrance, the site is on the lowest block to the right of the steps.

It is marked with a USC&GS bronze disk. (1)



(1)

REFERENCE SOURCE

(1) 02615

ACIC HQ FORM FEB 69 O-415

1100

GRAVITY BASE STATION

LATITUDE 41° 43.96'N (1)	STATION DESIGNATION YREKA
LONGITUDE 122° 38.01'W (1)	
ELEVATION 791.4 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2109-1; C 5	ADOPTED GRAVITY VALUE: g = 980 086.30 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Yreka, at the City Hall on Main Street (Interstate Highway 5), on the east side of the street. On the top of the center column of a step banister at the main entrance. Reading on disc (USC&GS B-865), about one foot higher than the ground level. (1)

REFERENCE SOURCE

(1) 02665

1101

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 33° 12.7'N (1)	STATION DESIGNATION TUSCALOOSA
LONGITUDE 87° 32.7'W (1)	
ELEVATION 70.0 METERS (1)	COUNTRY/STATE USA/Alabama
REFERENCE CODE NUMBERS: ACIC 2110-1; U 1119	ADOPTED GRAVITY VALUE: g= 979 559.0 mgals
	ESTIMATED ACCURACY: ± 0.6 mgals
	DATE — MONTH/YEAR: Jan/1968

DESCRIPTION AND/OR SKETCH

Station is located on the campus of the University of Alabama in the northeasterly part of the city of Tuscaloosa. Two standard gravity marks stamped "UNIVERSITY 1941" are set in the top of two 24-inch concrete gravity piers, which are set in a north-south line 5.5 feet apart. The gravity instruments were set on these two gravity piers. The north mark is 215 feet due south from center line of the east-west street south of the Mining Engineering Building, 78 feet S 5° E from southeast corner of the Reserve Officers Training Camp Headquarters Building, 125 ft N 85°W from center line of the north-south street west of Chemistry Building, 186 ft N 85°W from northwest corner of Chemistry Building, 750 ft due north from center line of University Avenue (U.S. Highway 11), 971 feet due east from center line of north-south street east of Administration Building, and 5.5 feet due north from the south mark. (1)

REFERENCE SOURCE

(1) 00269 (2) 00916

ACIC HQ FORM FEB 69 O-415

1102

GRAVITY BASE STATION

LATITUDE 41° 45.42'N (1)	STATION DESIGNATION CRESCENT CITY
LONGITUDE 124° 12.03'W (1)	
ELEVATION 13.4 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2111-1; C 1	ADOPTED GRAVITY VALUE: g= 980 299.86 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Crescent City, at the intersection of Ninth and H Streets, at the entrance to a high school building, in the top of the balustrade at the south end of the concrete steps. Reading on the disc (USC&GS M-73), about 2.8 feet above ground level. (1)

REFERENCE SOURCE

(1) 02665

1103

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 38° 32.65'N (1)	STATION DESIGNATION EBBETTS PASS
LONGITUDE 119° 48.72'W (1)	
ELEVATION 2661.2 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2112-1; C 101	ADOPTED GRAVITY VALUE: g= 979 321.85 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At the summit of Ebbetts Pass, on State Highway 4, 28 feet northwest of the center line of the highway. Reading on ground 0.6 foot below disc (USC&GS T-194). (1)

REFERENCE SOURCE

(1) 02665

1104

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 39° 08.69'N (1)	STATION DESIGNATION ELK
LONGITUDE 123° 43.94'W (1)	
ELEVATION 54.9 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2122-1		g= 980 112.53 mgals	
C 65			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

1.6 miles north along State Highway 1 from Elk, at entrance to a Catholic Cemetary. 30 feet southwest of the center line of the highway. Reading on ground 0.5 feet below disc (USC&GS W-206). (1)

REFERENCE SOURCE

(1) 02665

1105

ACIC HQ FORM 0-415

GRAVITY BASE STATION

LATITUDE 36° 40.54'N (1)	STATION DESIGNATION SALINAS
LONGITUDE 121° 39.35'W (1)	
ELEVATION 15.2 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2149-1, C 257	ADOPTED GRAVITY VALUE: g= 979 857.20 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Salinas City Hall, 40 feet east of the main entrance and 6 feet west of the sidewalk leading to the building. Reading on the sidewalk 5 feet south of the disc (USC&GS N-21), at the same elevation. (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 0-415

1106

GRAVITY BASE STATION

LATITUDE 33° 36.18'N (1)	STATION DESIGNATION BLYTHE
LONGITUDE 114° 36.28'W (1)	
ELEVATION 80.25 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2150-1, C 334	ADOPTED GRAVITY VALUE: g = 979 565.35 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Nov/1967

DESCRIPTION AND/OR SKETCH

Station is located at USC&GS BM V-134, at the intersection of Lovekin Blvd. and 14th Ave., about ½ mile south of Interstate Highway 10 at Blythe, 40 feet west of the center line of Lovekin Blvd and 20 feet south of the center line of 14th Ave. Reading was on ground, 0.5 foot below disc. (1)

REFERENCE SOURCE

(1) 02665

1107

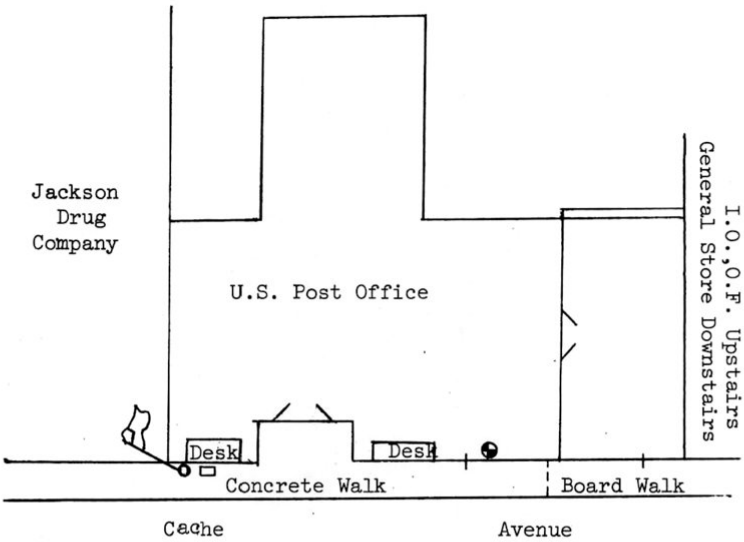
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 27.50'N (1)	STATION DESIGNATION JACKSON
LONGITUDE 110° 46.00'W (1)	
ELEVATION 1892 METERS (1)	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS: ACIC 02151-2; IGB 15630B	ADOPTED GRAVITY VALUE: g= 979 899.97 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE MONTH/YEAR: Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Jackson on Cache Avenue in the U.S. Post Office (1959); (across from the park), at the southeast (front wall in the main lobby), at the base of the 4" pipe (midway between the writing table and Parcel Post room; 3 meters east of the entrance), on the tile floor. (The concrete walk outside is at the same level). The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". (Described October 1966) (1)



(1)

REFERENCE SOURCE

(1) 05110

ACIC HQ FORM FEB 69 0-415

1108

GRAVITY BASE STATION

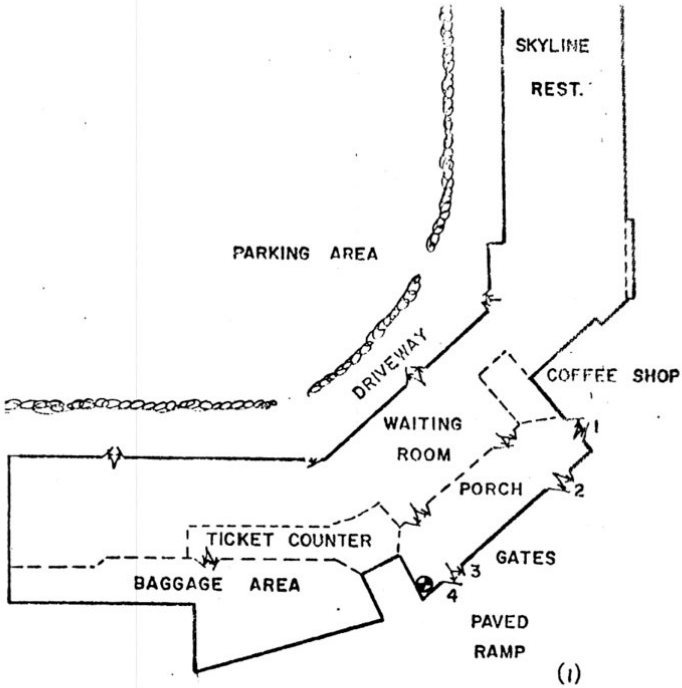
LATITUDE 28° 32.77' N (1)	STATION DESIGNATION ORLANDO
LONGITUDE 81° 20.27' W (1)	
ELEVATION 34 METERS (1)	COUNTRY/STATE USA/Florida

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2175-0		g = 979 217.89 mgals	
IGC 08181J			
WA 13			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

Observations were made at Herndon Airport, Orlando, Florida, on the field side of the terminal, beneath the covered waiting area at gate 3, one foot north of field barrier and one foot east of baggage platform.

Station is monumented with a bronze disk with the inscription "GRAVITY BASE-ORLANDO I". (1)



(1)

REFERENCE SOURCE

(1) 02733

1104

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

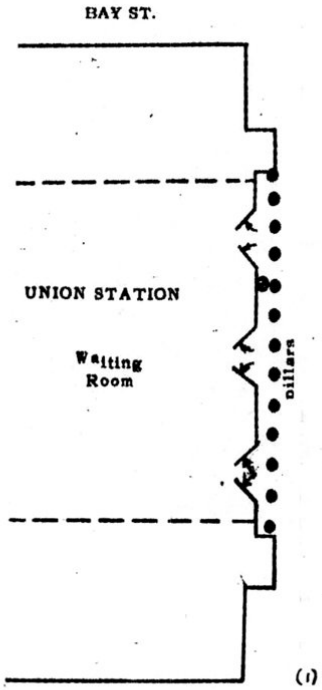
LATITUDE 30° 25.00' N (1)	STATION DESIGNATION JACKSONVILLE
LONGITUDE 81° 38.00' W (1)	
ELEVATION 16.30 METERS (1)	COUNTRY/STATE USA/Florida

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 2185-2	g= 979 376.56 mgals	
IGC 11701L		
	ESTIMATED ACCURACY	DATE
	± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is west of downtown Jacksonville at the southwest corner of West Bay Street and Park Street, at Union Station (the Jacksonville Railroad Terminal), at the east (parking lot) side, between the east wall and the row of pillars, at the west side of the fifth pillar from the north end of the terminal, on the concrete walkway.

Station is monumented with a National Gravity Base Disk. (1)



REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 O-415

1110

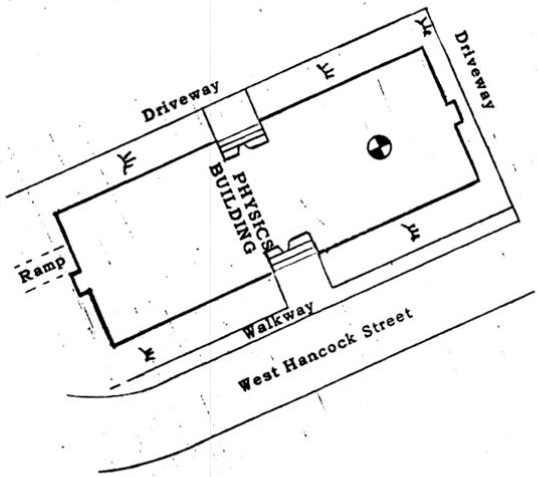
GRAVITY BASE STATION

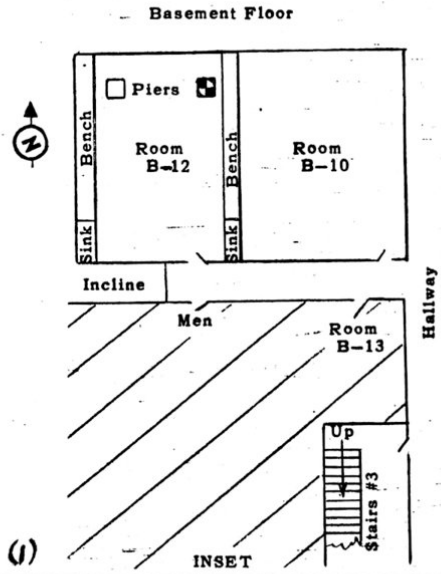
LATITUDE 42° 19.25' N (1)	STATION DESIGNATION DETROIT
LONGITUDE 83° 02.90' W (1)	
ELEVATION 186.00 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 2186-1; IGC 15323A	ADOPTED GRAVITY VALUE: g= 980 336.66 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is about two miles northwest of downtown Detroit on the Wayne State University Campus, at the Physics Bldg. (666 West Hancock St.), in the basement (one floor below ground level), in room B-12 (across from a men's restroom), in the southeast corner of the room, on the southeasternmost of two, one meter square, flush concrete piers.

The station is monumented with a U. S. National Gravity Base Disk, 0.3 meters southeast of the pier at the bench. (1)





(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 0-415

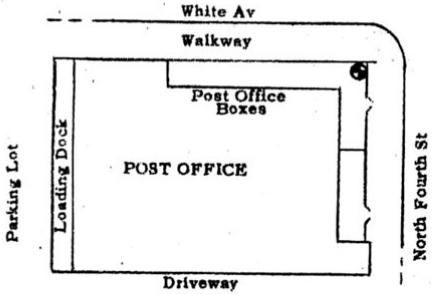
GRAVITY BASE STATION

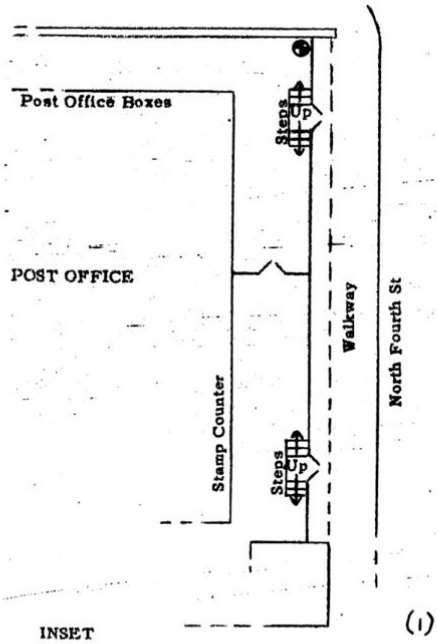
LATITUDE	STATION DESIGNATION
39° 04.94'N (1)	GRAND JUNCTION
LONGITUDE	
108° 33.94'W (1)	
ELEVATION	**COUNTRY/STATE**
1398.5 METERS (1)	USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2187-1		g= 979 637.21 mgals	
IGB 11998B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Grand Junction at the southwest corner of White Ave. and North Fourth St., in the northeast corner of the Post Office (built in 1965). The site is in the northeast corner of the Post Office Box room, about three meters north of the northernmost doors, on the brick floor. The station is monumented with a U.S. National Gravity Base disk. (1)





(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 O-415

1112

GRAVITY BASE STATION

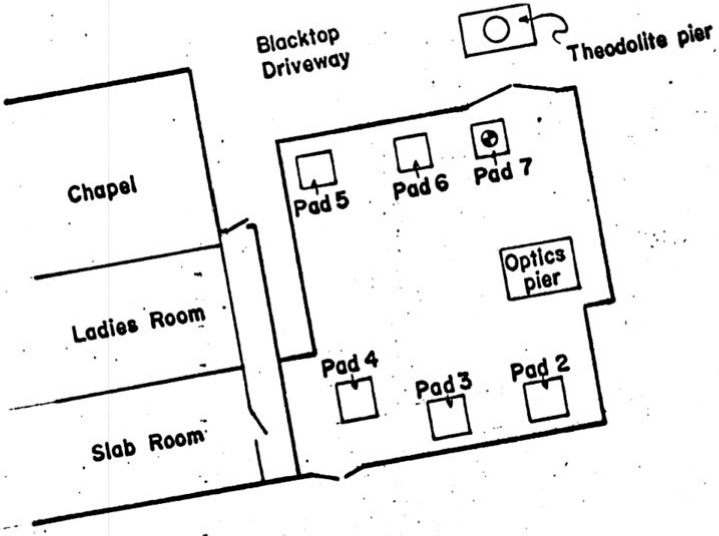
LATITUDE 42° 27.90' N (1)	STATION DESIGNATION BOSTON
LONGITUDE 71° 18.07' W (1)	
ELEVATION 42.6 METERS (1)	COUNTRY/STATE USA/Massachusetts

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2188-1		g= 980 394.06 mgals	
IGC 15221B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is located at the MIT Instrument Lab, west of Hanscom Field. Observations were made on concrete pad #7 which is the northeast pad in the lab building.

The station is not monumented. (1)



(1)

REFERENCE SOURCE

(1) 02733

1113

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

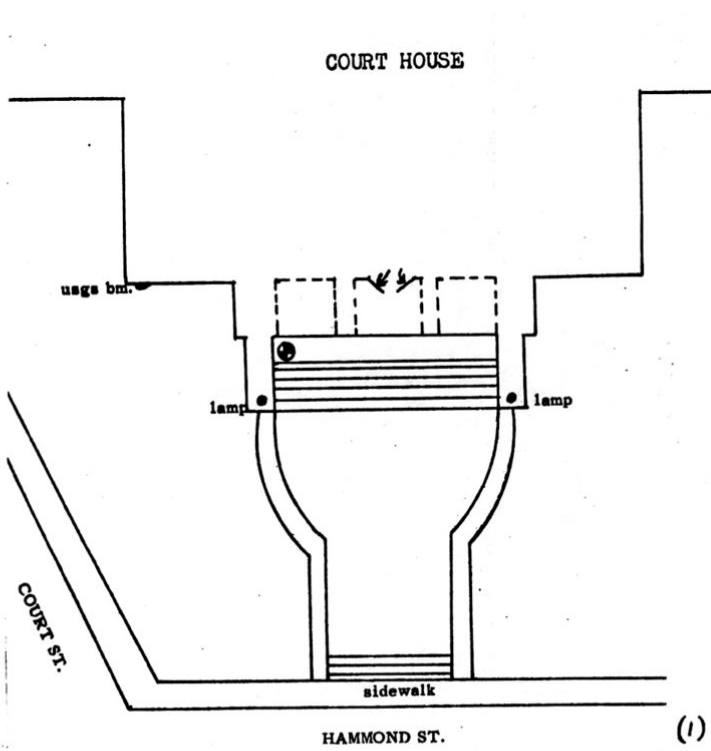
LATITUDE 44° 48.30' N. (1)	STATION DESIGNATION BANGOR
LONGITUDE 68° 46.10' W. (1)	
ELEVATION 20.00 METERS (1)	COUNTRY/STATE USA/Maine

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2189-1		g = 980 594.48 mgals	
IGC 15148B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Bangor at the northeast corner of Hammond Street and Court Street, at the Penobscot County Court House, south side, at the west side of the main entrance, about three meters west of the doors, on the top step landing, against the west abutment, south of the alcove, on the concrete.

The station is monumented with a National Gravity Base Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

ACIC HQ FORM FEB 69 0-415

1114

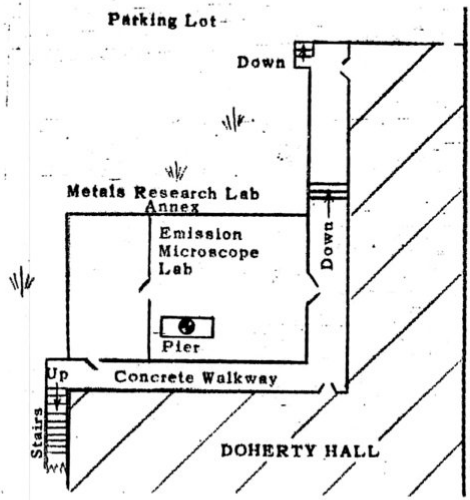
GRAVITY BASE STATION

LATITUDE 40° 26.55' N (1)	STATION DESIGNATION PITTSBURGH
LONGITUDE 79° 56.70' W (1)	
ELEVATION 350.00 METERS (1)	COUNTRY/STATE USA/Pennsylvania
REFERENCE CODE NUMBERS: ACIC 2190-1; IGC 15209A	ADOPTED GRAVITY VALUE: g= 980 114.06 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR July/1967

DESCRIPTION AND/OR SKETCH

The station is in Pittsburgh at the Carnegie Institute of Technology, northwest of Doherty Hall, in the Metals Research Lab Annex (a small, one story cinder block building), in the easternmost of two rooms (the Emission Microscope Lab) in the southwestern part, on the one meter by two meter flush concrete pier.

Station is monumented with a U. S. National Gravity Base Disk. (1)



(1)

REFERENCE SOURCE

(1) 02733

1115

ACIC HQ FORM FEB 69 O-415

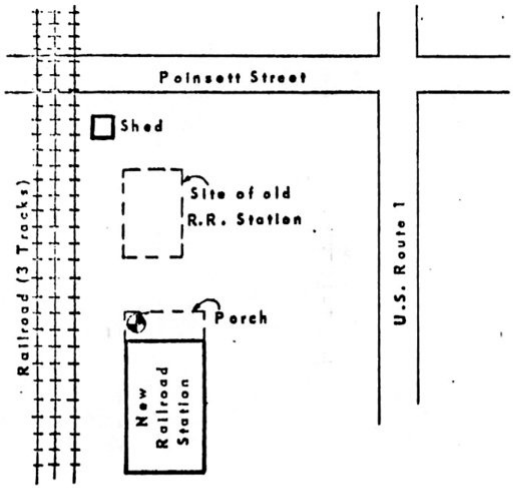
GRAVITY BASE STATION

LATITUDE 28° 21.4' N (1)	STATION DESIGNATION COCOA
LONGITUDE 80° 44.0' W (1)	
ELEVATION 7.6 METERS (1)	COUNTRY/STATE USA/Florida
REFERENCE CODE NUMBERS: ACIC 2228-1; IGC 08180K	ADOPTED GRAVITY VALUE: g = 979 215.91 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1968

DESCRIPTION AND OR SKETCH

The station is located in Cocoa, Florida.

Observations were made 3 feet southeast of the northwest corner of the covered concrete platform which is located at the north end of the new railroad station. (1)



REFERENCE SOURCE

(1) 05109

ACIC HQ FORM FEB 69 O-415

1116

GRAVITY BASE STATION

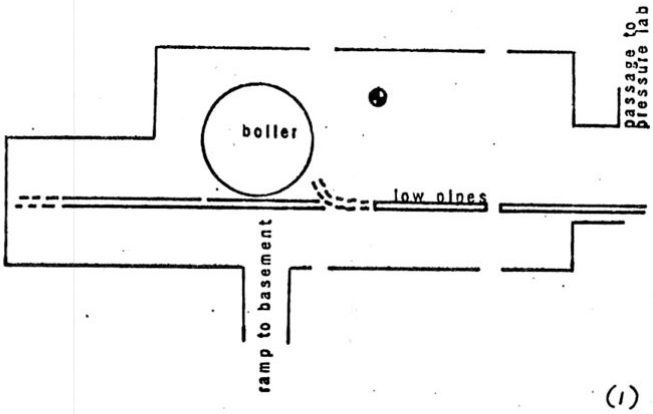
LATITUDE 40° 20.80' N	STATION DESIGNATION PRINCETON
LONGITUDE 74° 39.30' W	
ELEVATION 42.1 METERS	COUNTRY/STATE USA/New Jersey
REFERENCE CODE NUMBERS: ACIC 2241-0, IGC 15204A, GW 78	ADOPTED GRAVITY VALUE: g= 980 177.45 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR Feb/1968

DESCRIPTION AND/OR SKETCH

Observations were made at Princeton University, at Guyot Hall, in the sub-basement boiler room, below the physics laboratory.

Site is east of the boiler, 7.3 meters west of the east wall, 0.9 meters south of the north wall.

Station is on the concrete floor. (1)



REFERENCE SOURCE

(1) 02700

1117

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 33° 11.84'N (1)	STATION DESIGNATION OCEANSIDE
LONGITUDE 117° 22.42'W (1)	
ELEVATION 38.7 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2321-1		g= 979 565.58 mgals	
C 324			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Oceanside High School, on the east corner of 1st and Horne Streets, on the curb next to a hydrant. (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 0-415

1118

GRAVITY BASE STATION

LATITUDE 37° 20.28'N (1)	STATION DESIGNATION SAN JOSE
LONGITUDE 121° 53.46'W (1)	
ELEVATION 27.5 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2322-1; C 193	ADOPTED GRAVITY VALUE: g = 979 916.46 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At the Post Office in San Jose, at the Intersection of North First Street and West St. John Street at the southeast entrance to the building in the top of the northwest granite balustrade, about 3½ feet higher than the sidewalk. Reading on the disc (USC&GS D-886). (1)

REFERENCE SOURCE

(1) 02665

1119

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 37° 47.84'N (1)	STATION DESIGNATION MANTECA
LONGITUDE 121° 12.82'W (1)	
ELEVATION 11.6 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2323-1		g= 979 944.59 mgals	
C 184			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Manteca, 0.3 mile east along Yosemite Avenue from the Southern Pacific Railroad Station, 50 feet south of the center line of the avenue, in the top of the concrete steps leading to the American Legion Hall. Reading on the disc (USC&GS D-83). (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 0-415

1120

GRAVITY BASE STATION

LATITUDE 32° 36.99'N (1)	STATION DESIGNATION JACUMBA
LONGITUDE 116° 11.40'W (1)	
ELEVATION 862.3 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2324-1; C 340	ADOPTED GRAVITY VALUE: g= 979 296.40 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Jacumba, at the northwest corner of the Jacumba Hotel, between the porch and the sidewalk, 41.8 feet southeast of the center line of Interstate Highway 8 and 1.6 feet north of the west corner of the porch. Reading on sidewalk 2 feet north of disc (USC&GS R-58), at same elevation. (1)

REFERENCE SOURCE

(1) 02665

1121

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 33° 42.78'N (1)	STATION DESIGNATION DESERT CENTER
LONGITUDE 115° 24.20'W (1)	
ELEVATION 276.1 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2325-1		g= 979 315.23 mgals	
C 332			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Desert Center in the north wall of the Desert Center Cafe and Greyhound Bus Depot, just west of the front door. Reading taken 3.5 feet below disc (USC&GS G-132) on the sidewalk. (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 0-415

1122

GRAVITY BASE STATION

LATITUDE 40° 06.06'N (1)	STATION DESIGNATION GARBERVILLE
LONGITUDE 123° 47.63'W (1)	
ELEVATION 162.3 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2326-1, C 52	ADOPTED GRAVITY VALUE: g= 980 092.11 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Garberville, in the sidewalk on the east side of U. S. Highway 101, 1/2 block north of the intersection of Church Street and directly across from the Garberville Theater. Reading on the disc (USC&GS "Garberville 1"). (1)

REFERENCE SOURCE

(1) 02665

1123

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 40° 48.13'N (1)	STATION DESIGNATION EUREKA
LONGITUDE 124° 09.79'W (1)	
ELEVATION 13.4 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2327-1		g = 980 220.68 mgals	
C 46			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At the post office in Eureka, at the intersection of Fifth and H Streets, at the west end of the building on the concrete retaining wall around the basement entrance. Reading on ground 0.1 foot below disc (USC&GS, Tidal 2) which is on the north end of the retaining wall, 6 inches from the building. (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 0-415

1124

GRAVITY BASE STATION

LATITUDE 40° 09.35'N (1)	STATION DESIGNATION RED BLUFF
LONGITUDE 122° 15.00'W (1)	
ELEVATION 103.9 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2328-1, C 40, WA 207	ADOPTED GRAVITY VALUE: g= 980 103.72 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At the Red Bluff Airport (Bidwell Field). Reading taken on the field about 2 feet from the north side of passenger gate. (1)

REFERENCE SOURCE

(1) 02665

1125

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
34° 33.46'N (1)	AMBOY
LONGITUDE	
115° 44.22'W (1)	
ELEVATION	**COUNTRY/STATE**
192.9 METERS (1)	USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2329-1		g = 979 586.41 mgals	
C 292			
U 1025			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

Approximately 0.5 mile east of Amboy, on the south side of Interstate Highway 40, 970 feet S.85°E. from the southeast corner of the first highway bridge east of town, area now used as a dump. Reading 0.4 foot below disc which is a standard gravity mark stamped "AMBOY 1939." (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 0-415

1126

GRAVITY BASE STATION

LATITUDE 37° 21.79'N (1)	STATION DESIGNATION BISHOP
LONGITUDE 118° 23.65'W (1)	
ELEVATION 1262.9 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2330-1		g= 979 461.86 mgals	
C 227			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Bishop, at the American Legion Hall on Main Street between Academy and May Streets, on the north side of the main entrance, on sidewalk 2.7 feet below disc (USC&GS W-124). (1)

REFERENCE SOURCE

(1) 02665

1127

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 37° 52.54'N (1)	STATION DESIGNATION TUOLUMNE MEADOWS
LONGITUDE 119° 21.30'W (1)	
ELEVATION 2618.6 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2331-1		g= 979 251.76 mgals	
C 218			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Tuolumne Meadows, on north side of Tioga Pass Road (State Highway 120) across from a Yosemite National Park information station, and 275 feet southwest of a concrete bridge over Tuolumne River, on a granite outcrop, on disc (USC&GS N-592). (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 O-415

1128

GRAVITY BASE STATION

LATITUDE 34° 47.79'N (1)	STATION DESIGNATION GORMAN
LONGITUDE 118° 51.08'W (1)	
ELEVATION 1161.4 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2332-1		g= 979 416.38 mgals	
C 302			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

On sidewalk, on the northeast side of the road in front of the Greyhound Bus Station at Gorman, on the front edge of the building, on disc (USC&GS B-54). (1)

REFERENCE SOURCE

(1) 02665

1129

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
32° 58.98'N (1)	BRAWLEY
LONGITUDE	
115° 32.03'W (1)	
ELEVATION	**COUNTRY/STATE**
-34.7 METERS (1)	USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2333-1			
C 336		g= 979 550.63 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At the Union High School in Brawley, at the intersection of Imperial and B Streets, located on the northwest corner of the middle of three school buildings, in the top of a concrete projection. Reading on sidewalk 3.5 feet below and just north of disc (USC&GS K 611). (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 O-415

1130

GRAVITY BASE STATION

LATITUDE 39° 08.17'N (1)	STATION DESIGNATION YUBA CITY
LONGITUDE 121° 36.32'W (1)	
ELEVATION 18.2 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2334-1; C 83	ADOPTED GRAVITY VALUE: g= 980 042.39 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Yuba City, at the Hall of Records, at Second and B Streets, at the east entrance, in the face of the foundation. Reading on sidewalk 1.9 feet below disc (USC&GS P-114). (1)

REFERENCE SOURCE

(1) 02665

1131

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 35° 22.53'N (1)	STATION DESIGNATION BAKERSFIELD
LONGITUDE 119° 01.27'W (1)	
ELEVATION 122.2 METERS (1)	COUNTRY/STATE USA/California

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2335-1		g= 979 704.12 mgals	
C 272			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At the Post Office in Bakersfield, at the northeast corner of the intersection of 18th and G Streets, in the south wall, 4.2 feet west of the southeast corner, on ground 2.9 feet below disc (USC&GS F-55). (1)

REFERENCE SOURCE

(1) 02665

ACIC HQ FORM FEB 69 O-415

1132

GRAVITY BASE STATION

LATITUDE 35° 36.92'N (1)	STATION DESIGNATION BLACKWELLS CORNER
LONGITUDE 119° 52.01'W (1)	
ELEVATION 196.0 METERS (1)	COUNTRY/STATE USA/California
REFERENCE CODE NUMBERS: ACIC 2337-1; C 267	ADOPTED GRAVITY VALUE: g= 979 674.20 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Dec/1968

DESCRIPTION AND/OR SKETCH

At Blackwells Corner, at the intersection of State Highway 46 and State Highway 33. Fifty feet north of the center line of 46 and 29 feet southwest of the center line of 33. On ground, 0.3 foot below disc (USGS R-11). (1)

REFERENCE SOURCE

(1) 02665

1133

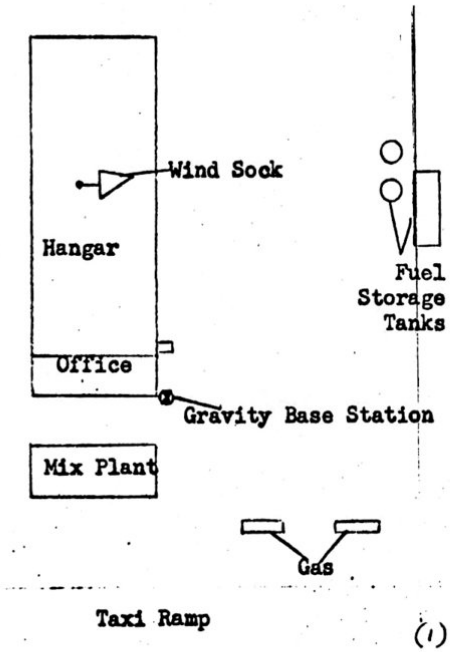
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 40° 36.44'N (1)	STATION DESIGNATION BATTLE MOUNTAIN
LONGITUDE 116° 52.43'W (1)	
ELEVATION 1379 METERS (1)	COUNTRY/STATE USA/Nevada
REFERENCE CODE NUMBERS: ACIC 2344-2; IGB 15606J	ADOPTED GRAVITY VALUE: g= 979 768.62 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is at the Battle Mountain Airport, east of town, at the southeast corner of the main hangar-office building, (west of the fuel storage tanks). Site is monumented with a "USAF Gravity Station" disc. (1)



REFERENCE SOURCE

(1) Personal Communication 1st Gss (23 Jan 69)

ACIC HQ FORM FEB 69 O-415

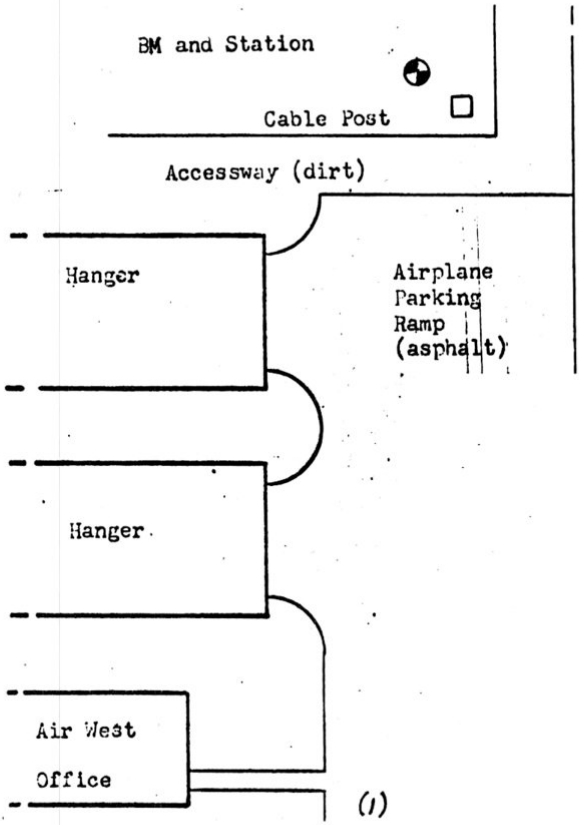
1134

GRAVITY BASE STATION

LATITUDE 36° 54.00'N (1)	STATION DESIGNATION PAGE
LONGITUDE 111° 26.90'W (1)	
ELEVATION 1308.2 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 2346-1; IGB 12061J	ADOPTED GRAVITY VALUE: g= 979 455.91 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

The station is 1.5 miles east of Page at the Page Airport. It is 50 yards northeast of the northernmost hangar at the site of the old beacon and 5 feet northwest of a white post indicating a buried cable. Station is marked by a concrete post projecting 0.5 ft from the ground, and is monumented with a USC&GS Bench Mark disc stamped, "Page Air 1963". (1)



REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

1135

ACIC HQ FORM FEB 69 O-415

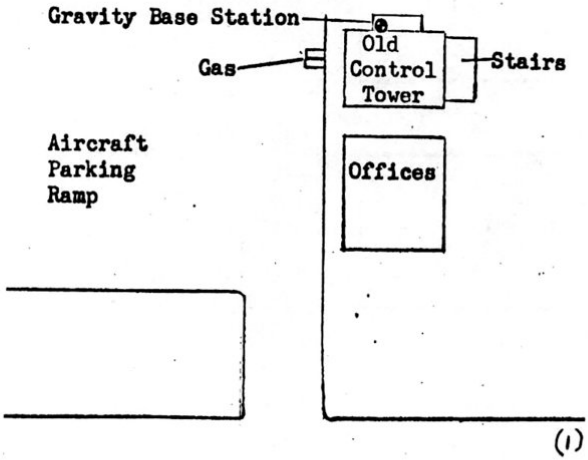
GRAVITY BASE STATION

LATITUDE 38° 59.91' N (1)	STATION DESIGNATION YERINGTON
LONGITUDE 119° 09.55' W (1)	
ELEVATION 1334 METERS (1)	COUNTRY/STATE USA/Nevada

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2347-1		g = 979 659.29 mgals	
IGB 12089K			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

The station is at the Yerington Municipal Airport at the north edge of town, on a concrete slab north of the old control tower, in the southwest corner of the slab. Site is monumented with a "USAF Gravity Station" disc. (1)



(1)

REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

ACIC HQ FORM FEB 69 O-415

1136

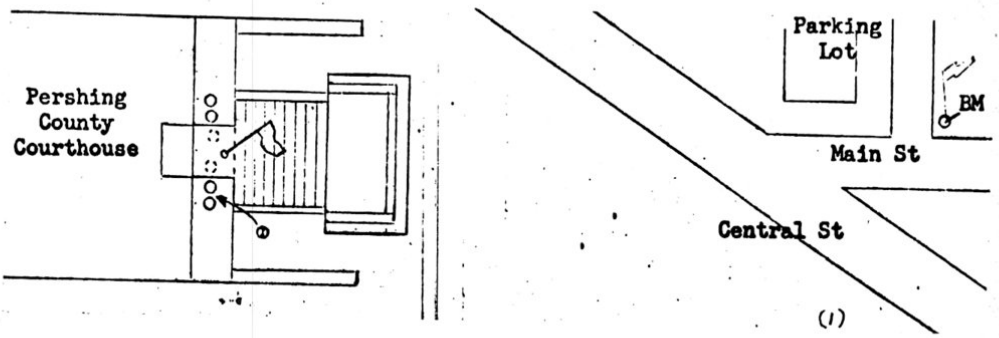
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
40° 10.84' N (1)	LOVELOCK
LONGITUDE	
118° 28.54' W (1)	
ELEVATION	**COUNTRY/STATE**
1214 METERS (1)	USA/Nevada

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2348-1		g= 979 792.95 mgals	
IGB 15608B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

The station is in Lovelock at the Pershing County Courthouse (Central and Main Sts.) (1929), 5 meters south and 1.7 meters east of the east (main) entrance on the very top stair between the last two pillars south. Site is not monumented. (1)



REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

1137

ACIC HQ FORM FEB 69 O-415

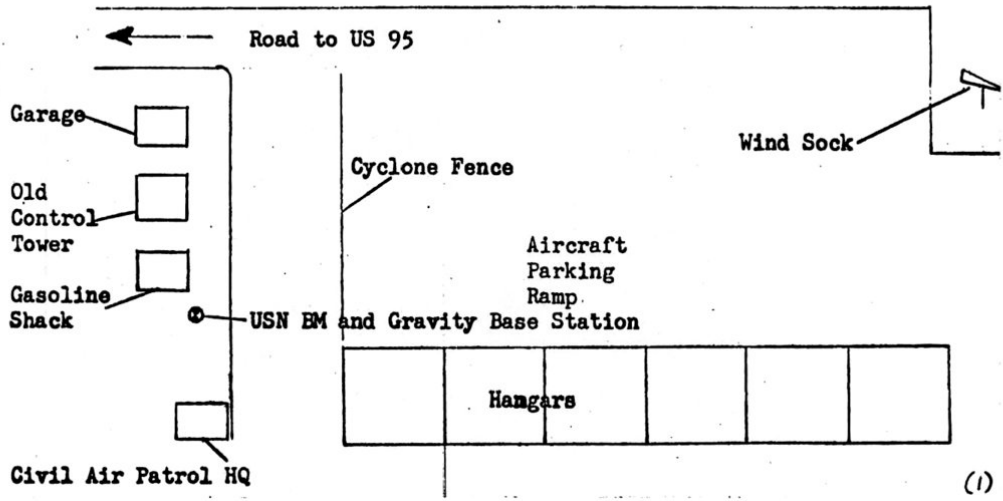
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
38° 32.63'N (1)	HAWTHORNE
LONGITUDE	
118° 38.11'W (1)	
ELEVATION	**COUNTRY/STATE**
1281 METERS (1)	USA/Nevada

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2349-1		g= 979 599.26 mgals	
IGB 12088J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan 1969

DESCRIPTION AND/OR SKETCH

Station is at the Hawthorne Municipal Airport, (one mile north of town), due north of the airport beacon, 20 meters west of fence, 40 meters south of access road, on top of the ground. Site is monumented with a USN Department BM W-41, 1953. (1)



(1)

REFERENCE SOURCE

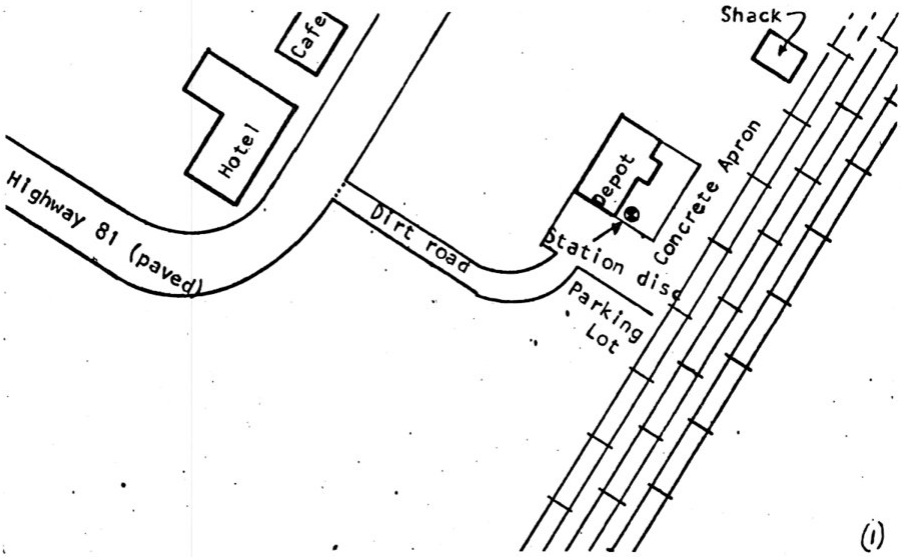
(1) Personal Communication 1st GSS (23 Jan 69)

GRAVITY BASE STATION

LATITUDE 40° 39.1' N (1)	STATION DESIGNATION GERLACH
LONGITUDE 119° 21.2' W (1)	
ELEVATION 1199 METERS (1)	COUNTRY/STATE USA/Nevada
REFERENCE CODE NUMBERS: ACIC 2350-1; IGB 15609J	ADOPTED GRAVITY VALUE: g= 979 829.16 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is in Gerlach, on the east side of town, at the Western Pacific Railroad depot, which is 50 yds, southeast of Nevada Highway 81, and across the street from a cafe and a hotel. Station is outside the depot building, on the east side of it, (i.e. facing the tracks), and at the southeast corner of it, 0.5 ft. from the wall, on the concrete apron. Site is monumented with a standard "USAF Gravity Station" disc. (1)



REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

1139

ACIC HQ FORM FEB 69 O-415

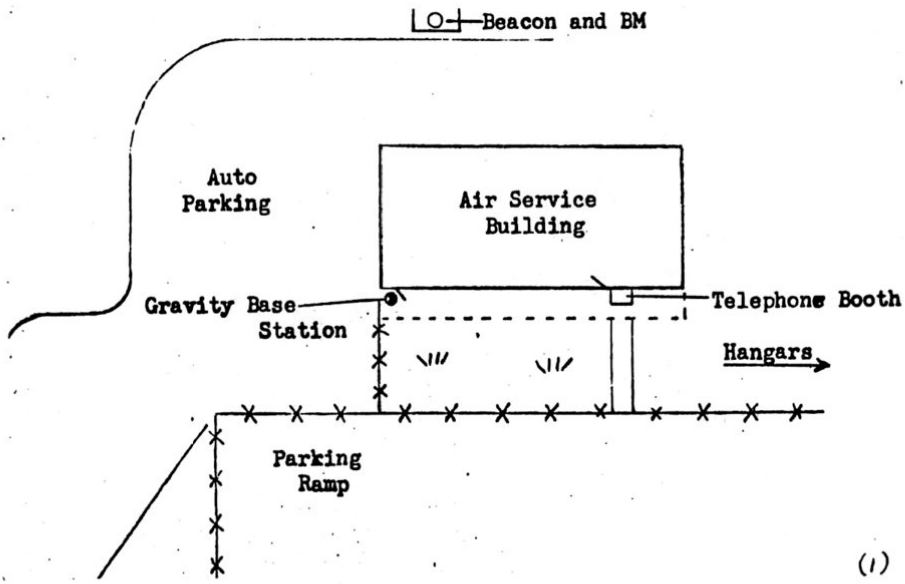
GRAVITY BASE STATION

LATITUDE 39° 29.71' N (1)	STATION DESIGNATION FALLON
LONGITUDE 118° 45.25' W (1)	
ELEVATION 1208 METERS (1)	COUNTRY/STATE USA/Nevada

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2351-1		g= 979 744.67 mgals	
IGB 12098J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is at the Fallon Municipal Airport (1.5 miles north of town) on porch of administration building, southwest corner of building, northwest corner of porch, on the concrete porch. Site is monumented with a "USAF Gravity Station" disc. (1)



(1)

REFERENCE SOURCE

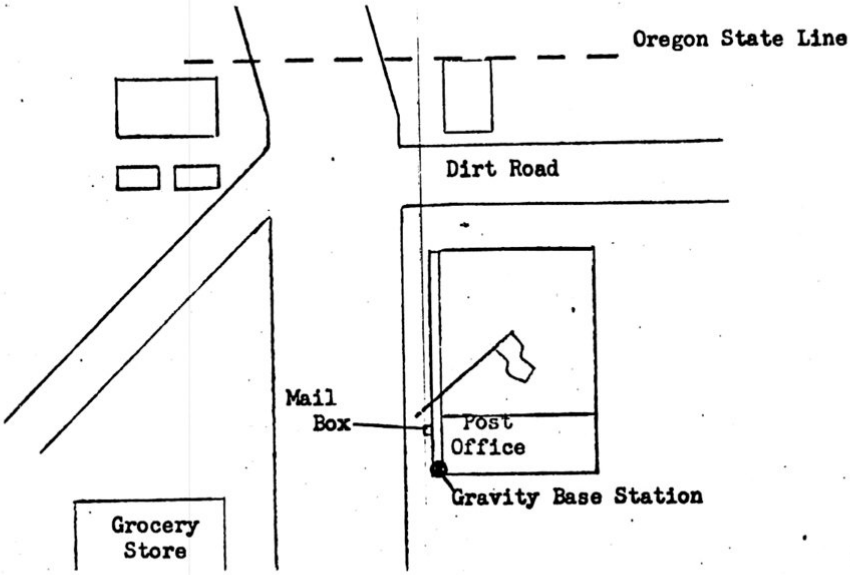
(1) Personal Communication 1st GSS (23 Jan 69)

GRAVITY BASE STATION

LATITUDE 41° 59.70' N (1)	STATION DESIGNATION DENIO
LONGITUDE 118° 34.20' W (1)	
ELEVATION 1280 METERS (1)	COUNTRY/STATE USA/Nevada
REFERENCE CODE NUMBERS: ACIC 2352-1; IGB 15618B	ADOPTED GRAVITY VALUE: g = 979 945.94 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: Jan/1969

DESCRIPTION AND/OR SKETCH

Station is in Denio at the Post Office, 50 meters south of Oregon-Nevada State line, on the west wall 1.6 meters south of door in southeast corner of concrete porch, near mailbox. Site is monumented with a "USAF Gravity Station" disc. (1)



(1)

REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

1141

ACIC HQ FORM FEB 69 O-415

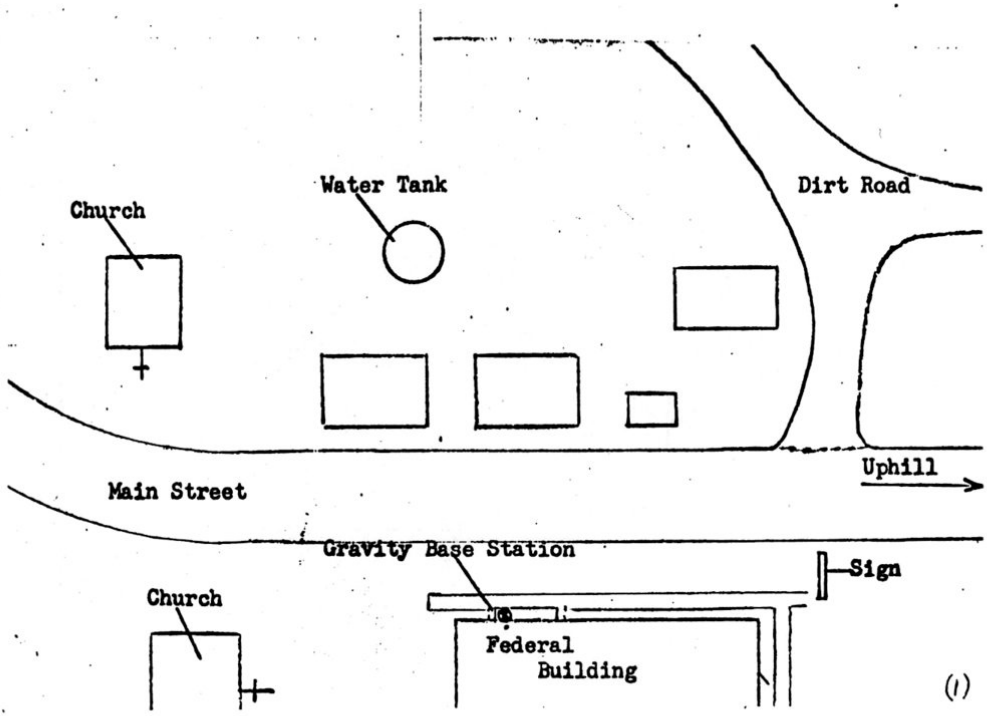
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
39° 29.41' N (1)	AUSTIN
LONGITUDE	
117° 04.02' W (1)	
ELEVATION	**COUNTRY/STATE**
2024 METERS (1)	USA/Nevada

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2353-1			
IGB 12097B		g = 979 528.81 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is in Austin at the Federal Office Building, on east side of town (Main Street and 7th Street), at the north (main) door porch, top stair 0.3 meter west of door. Site is monumented with a "USAF Gravity Station" disc. (1)



REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

ACIC HQ FORM FEB 69 O-415

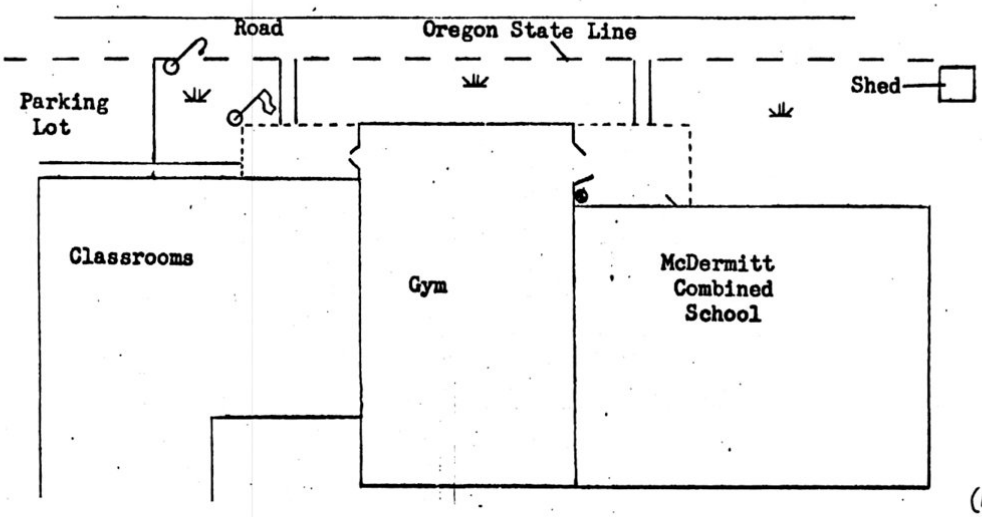
1142

GRAVITY BASE STATION

LATITUDE 41° 59.92' N (1)	STATION DESIGNATION McDERMITT
LONGITUDE 117° 42.91' W (1)	
ELEVATION 1350 METERS (1)	COUNTRY/STATE USA/Nevada
REFERENCE CODE NUMBERS: ACIC 2354-1; IGB 15617B	ADOPTED GRAVITY VALUE: g = 979 919.68 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is at the McDermitt Combined School, north edge of town, just south of the Oregon-Nevada state line, on the north face at the school, outside east wall of gym, immediately south of double doors, in the southwest corner of the east porch, on the concrete. Site is monumented with a "USAF Gravity Station" disc. (1)



(1)

REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

1143

ACIC HQ FORM FEB 69 O-415

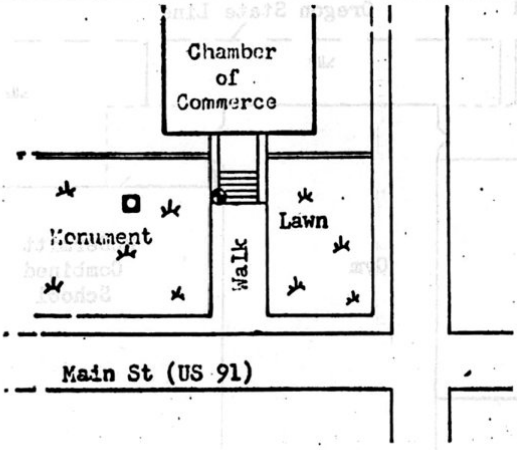
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
37° 06.4' N (1)	ST. GEORGE
LONGITUDE	
113° 34.8' W (1)	
ELEVATION	**COUNTRY/STATE**
841.4 METERS (1)	USA/Utah

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2355-1		g = 979 610.42 mgals	
IGB 12073C			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is in St. George, near the center of town, at the Chamber of Commerce building (formerly Washington County Courthouse). It is 82 feet west of the northwest corner of the road intersection, 36 feet north of the north curb line, and 3.1 feet above the sidewalk, on top of the concrete pedestal at the foot of the west balustrade of the front stairway. Site is monumented with a USC&GS BM stamped "N 58 1934." (1)



(1)

REFERENCE SOURCE

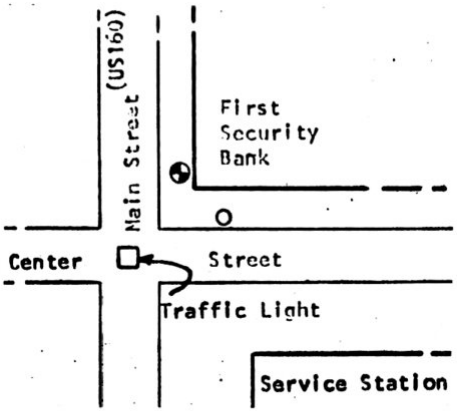
(1) Personal Communication 1st GSS 23 Jan 69

GRAVITY BASE STATION

LATITUDE 38° 34.9' N (1)	STATION DESIGNATION MOAB
LONGITUDE 109° 33.0' W (1)	
ELEVATION 1228.4 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 2356-1; IGB 11989B	ADOPTED GRAVITY VALUE: g = 979 565.04 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is in Moab, near the center of town at the northeast corner of the intersection of Main St. (U. S. 160) and Center St., at the First Security Bank Building, on the sidewalk immediately adjacent to the front (west) wall of the building, 0.8 foot north of the southwest corner of the building and directly beneath USC&GS BM "019 Reset 1962," which is set in the front wall 4.4 feet above the sidewalk. (1)



(1)

REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

1145

ACIC HQ FORM FEB 69 0-415

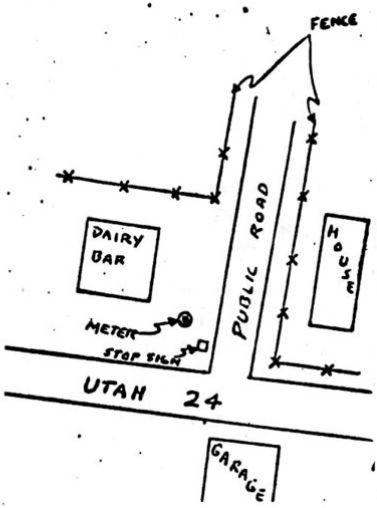
GRAVITY BASE STATION

LATITUDE 38° 21.9' N (1)	STATION DESIGNATION LOA
LONGITUDE 111° 38.3' W (1)	
ELEVATION 2142.66 METERS (1)	COUNTRY/STATE USA/Utah

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 2357-1	g= 979 404.36 mgals	
IGB 12081J		
	ESTIMATED ACCURACY	DATE
	± 0.1 mgals	MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is located on USC&GS BM "U29 1934," which is set in the top of a concrete post along Utah Highway 24, four blocks southeast of downtown Loa. Concrete post, 0.2 foot high, is localed 2 blocks east of and 2 blocks south of the Loa Mercantile Store, 44 feet west of the centerline of Highway 24, 21 feet north of fence corner, and in the parking area of a small dairy bar. (1)



(1)

REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

ACIC HQ FORM FEB 69 0-415

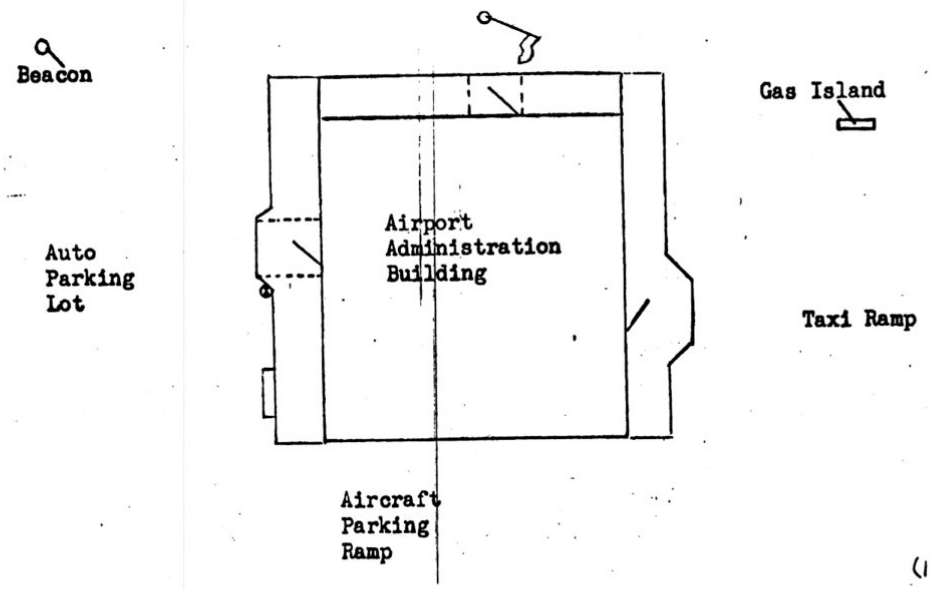
1146

GRAVITY BASE STATION

LATITUDE 38° 59.99' N (1)	STATION DESIGNATION MINDEN
LONGITUDE 119° 45.31' W (1)	
ELEVATION 1435 METERS (1)	COUNTRY/STATE USA/Nevada
REFERENCE CODE NUMBERS: ACIC 2358-1; IGB 12089J	ADOPTED GRAVITY VALUE: g = 979 605.54 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is at the Douglas County Airport (3 miles north of Minden-Gardnerville), at the Airport Administration Building (1962), west entrance (street side), 1.3 meters outside of south edge of door next to a windbreak on a sunken sidewalk (.2 meters below parking lot level). Site is monumented with a "USAF Gravity Station" disc. (1)



(1)

REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

1147

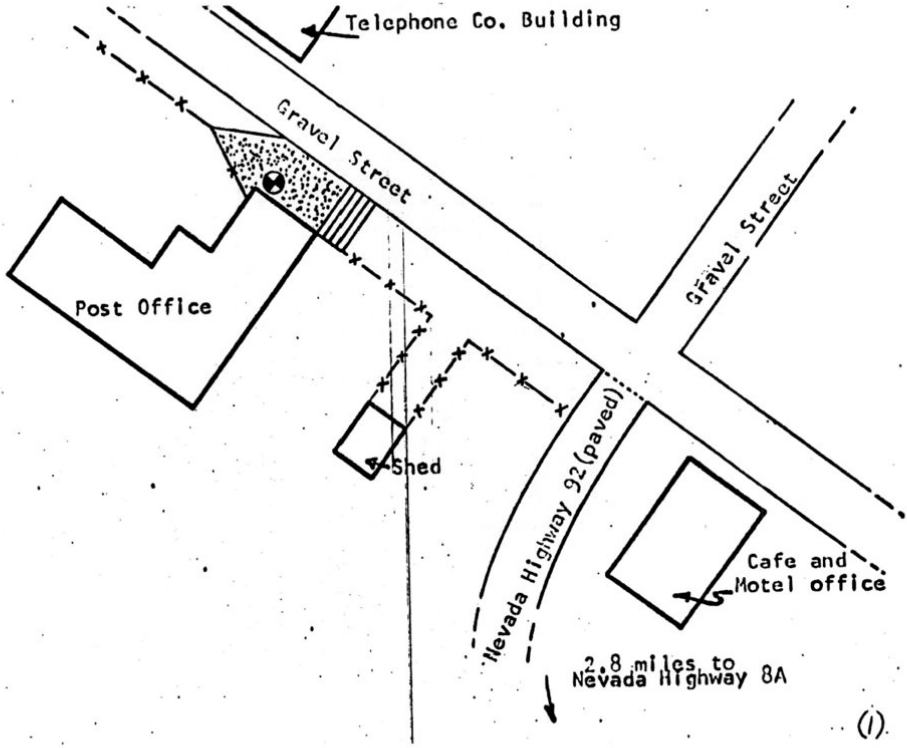
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 38° 34' N (1)	STATION DESIGNATION ROUND MOUNTAIN
LONGITUDE 117° 04' W (1)	
ELEVATION 1938.5 METERS (1)	COUNTRY/STATE USA/Nevada
REFERENCE CODE NUMBERS: ACIC 2359-1; IGB 12087B	ADOPTED GRAVITY VALUE: g= 979 469.63 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is in Round Mountain, at the Post Office, outside the front (northeast) wall, on the concrete porch, one foot southeast of the north corner of the building and 0.25 foot northeast of the northeast wall. Station is monumented with a "USAF Gravity Station" disc. (1)



REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

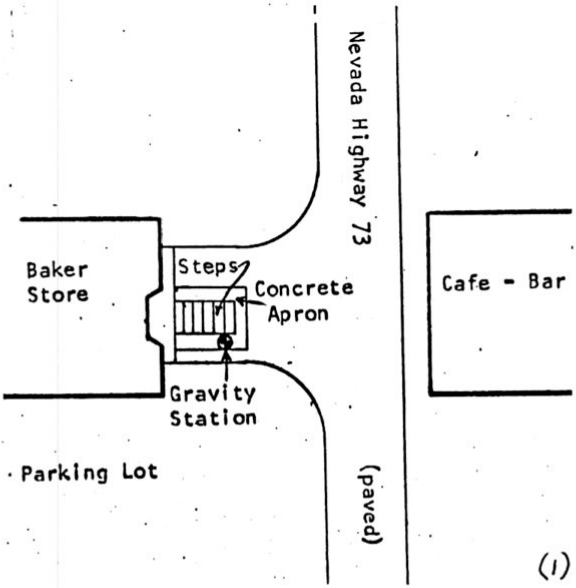
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
39° 00.60'N (1)	BAKER
LONGITUDE	
114° 07.50'W (1)	
ELEVATION	**COUNTRY/STATE**
1631 METERS (1)	USA/Nevada

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 2360-1	g= 979 557.14 mgals	
IGB 12094B		
	ESTIMATED ACCURACY	DATE
	± 0.1 mgals	MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is in Baker, at the Baker Store, which is on the west side of Nevada Highway 73, and across the road from a cafe-bar. Station is outside the front (east side) of the store, on the ground, 0.5 foot south of the front steps, on the concrete apron. Site is monumented with a "USAF Gravity Station" disc. (1)



REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

1149

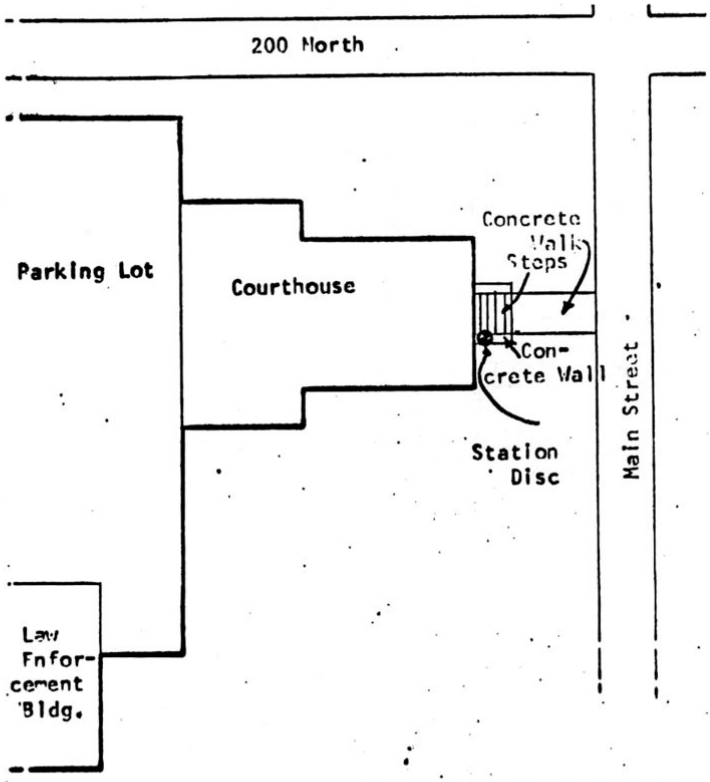
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 44.08' N (1)	STATION DESIGNATION LOGAN
LONGITUDE 111° 50.12' W (1)	
ELEVATION 1382.0 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 2362-1; IGB 15611B	ADOPTED GRAVITY VALUE: g= 979 845.01 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR Jan/1969

DESCRIPTION AND/OR SKETCH

Station is in downtown Logan, at the southwest corner of Main and 200 North Streets, at the Cache County Courthouse, 135 ft West of the centerline of Main Street, 21 feet north of the southeast corner of the Courthouse, 12 feet south of the center line of the main (east) entrance, on the south side of the front steps, on top of the wall. Site is monumented with a standard USGS disc stamped "4534." (1)



(1)

REFERENCE SOURCE

(1) Personal Communication 1st GSS (23 Jan 69)

ACIC HQ FORM FEB 69 0-415

1150

GRAVITY BASE STATION

LATITUDE 37° 21.58'N (1)	STATION DESIGNATION MEADE
LONGITUDE 100° 52.11'W (1)	
ELEVATION 877.8 METERS (1)	COUNTRY/STATE USA/Kansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 2363-1		g= 979 664.97 mgals	
HUS 1337			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 9/70

DESCRIPTION AND/OR SKETCH

T 31S, R 33W, S 12 (SW quarter)

Along US Highway 83, about 23.9 miles north of Liberal, about 6.0 miles north of the junction of US Highway 160 and 83, 33 feet south of an east-west county road, in the southwest corner diagonally across from BM stamping: "L8, 1933"; BM elevation: 2880.349 feet.

(1)

REFERENCE SOURCE

(1) 04099

1151

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 47° 32.0'N (1)	STATION DESIGNATION BIWABIK
LONGITUDE 92° 20.5'W (1)	
ELEVATION 441.4 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 2366-1	ADOPTED GRAVITY VALUE: g= 980 715.78 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Biwabik, at the northeast corner of Main and Mountain Streets, 60 feet northwest of a manhole at the center of the intersection, at the southeast corner of the City Park. A standard USC & GS disk stamped "Biwabik 1933" and set in the top of a concrete post. Gravity station is located on ground next to BM. (1)

REFERENCE SOURCE

(1) 03409

ACIC HQ FORM FEB 69 O-415

1152

GRAVITY BASE STATION

LATITUDE 47° 34.4'N (1)	STATION DESIGNATION TOFTE
LONGITUDE 90° 50.2'W (1)	
ELEVATION 191.9 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 2368-1	ADOPTED GRAVITY VALUE: g= 980 832.31 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Tofte, Cook County, at front of the school grounds, 24 feet south of the road, 100 feet northwest of the northwest corner of the school. A USC & GS standard triangulation station disk stamped "Tofte 1952" and set in the top of a concrete post. Gravity station is on top of disk. (1)

REFERENCE SOURCE

(1) 03409

4153

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 47° 01.2'N (1)	STATION DESIGNATION TWO HARBORS
LONGITUDE 91° 40.3'W (1)	
ELEVATION 199.7 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 2370-1	ADOPTED GRAVITY VALUE: g= 980 785.79 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals / DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Two Harbors, Lake County, on 2nd Avenue between 6th and 7th Streets at the northeast corner of the city hall, 1.3 feet west of the east side of the building, in the brick wall, and 1.7 feet above the sidewalk. A standard USC & GS disk stamped "Two Harbors 1933" and set vertically. Gravity station is located on sidewalk, one foot north of brick wall. (1)

REFERENCE SOURCE

(1) 03409

ACIC HQ FORM FEB 69 O-415

1154

GRAVITY BASE STATION

LATITUDE 41° 01.0'N (1)	STATION DESIGNATION
LONGITUDE 94° 21.0'W (1)	CRESTON
ELEVATION 394.1 METERS (1)	COUNTRY/STATE USA/Iowa
REFERENCE CODE NUMBERS: ACIC 3048-1; IA 88	ADOPTED GRAVITY VALUE: g= 980 132.22 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 5/70

DESCRIPTION AND/OR SKETCH

At the Creston Municipal Airport; 3 miles south of the town of Creston; in the terminal building along the north wall of the waiting room, below the window and about 1 meter west of the counter; not marked. (1)

REFERENCE SOURCE

(1) 03355

1155

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 45.0'N (1)	STATION DESIGNATION BROOKLYN
LONGITUDE 92° 25.0'W (1)	
ELEVATION 256.0 METERS (1)	COUNTRY/STATE USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3068-1		g= 980 243.66 mgals	
IA 79			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Brooklyn Val-Air Airport, 2 miles east-northeast of the town of Brooklyn; at the south end of the concrete sidewalk outside of the airport manager's office, at the southwest corner of the hangar; marked with an orange paint spot. (1)

REFERENCE SOURCE

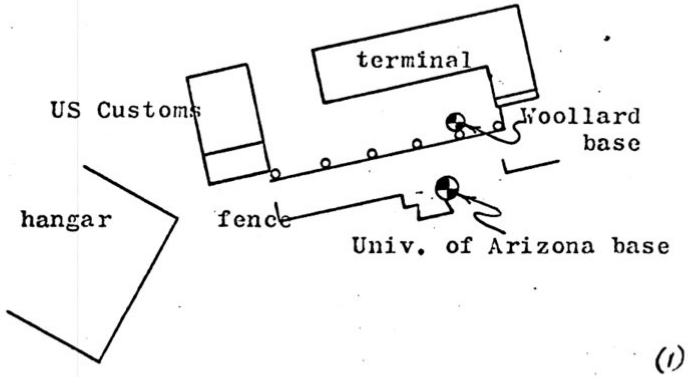
(1) 03355

GRAVITY BASE STATION

LATITUDE 31° 25.22'N (1)	STATION DESIGNATION NOGALES
LONGITUDE 110° 50.77'W (1)	
ELEVATION 1185.7 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3188-1; WA 196	ADOPTED GRAVITY VALUE: g = 979 068.94 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station site is located on porch floor of terminal at base of post (with mounted tel.) Woollard base. University of Arizona base located at E end of walk. (1)



(1)

REFERENCE SOURCE

(1) 03035

1157

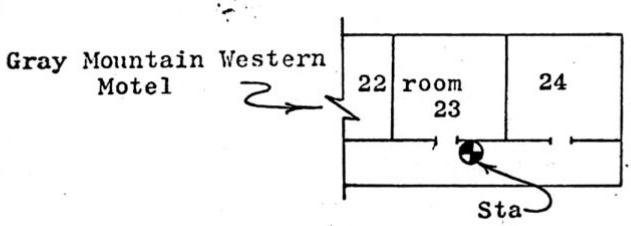
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 35° 44.7'N (1)	STATION DESIGNATION GRAY MOUNTAIN
LONGITUDE 111° 28.2'W (1)	
ELEVATION 1536.2 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3189-1	ADOPTED GRAVITY VALUE: g= 979 309.62 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at the S entrance to rim of Grand Canyon, at Gray Mountain Western Motel, on concrete walk under window and E of door to room no. 23. (1)



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 O-415

1158

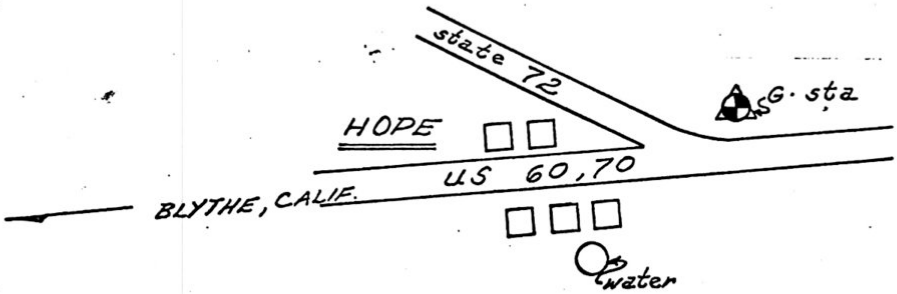
GRAVITY BASE STATION

LATITUDE 33° 43.4'N (1)	STATION DESIGNATION HOPE
LONGITUDE 113° 42.1'W (1)	
ELEVATION 466.7 METERS (1)	COUNTRY/STATE USA/Arizona

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3190-1		g= 979 484.70 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located on top of △ Hope monument, approximately 0.2 mile east of area known as Hope. (1).



(1)

REFERENCE SOURCE

(1) 03035

1159

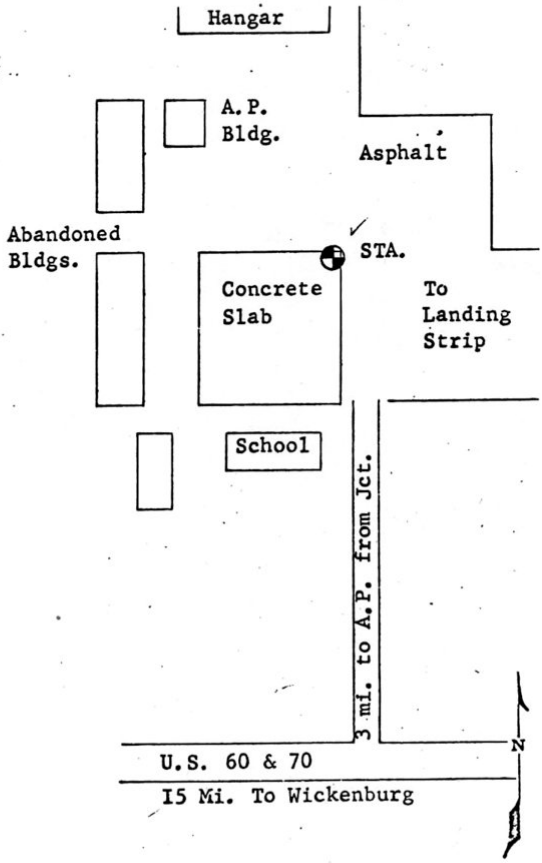
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 33° 56.9'N (1)	STATION DESIGNATION
LONGITUDE 113° 00.0'W (1)	WICKENBURG
ELEVATION 736.4 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3191-1	ADOPTED GRAVITY VALUE: g= 979 419.26 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Wickenburg Mun. A. P., 15 mi. west of Wickenburg on U. S. Rt. 60 & 70. Station is located NE corner of large concrete slab N of school bldg. (1)



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 O-415

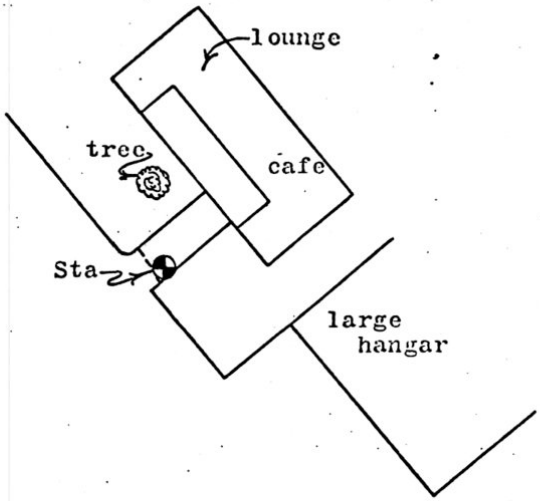
1160

GRAVITY BASE STATION

LATITUDE 35° 01.28'N (1)	STATION DESIGNATION WINSLOW
LONGITUDE 110° 43.0'W (1)	COUNTRY/STATE USA/Arizona
ELEVATION 1487.4 METERS (1)	ADOPTED GRAVITY VALUE
REFERENCE CODE NUMBERS: ACIC 3192-1	g= 979 277.25 mgals
	ESTIMATED ACCURACY ± 0.1 mgals; DATE MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at Winslow Airport terminal, at SW corner of covered walkway; approximately 1.0 mile south of Winslow on state route 65. (1)



(1)

REFERENCE SOURCE

(1) 03035

1161

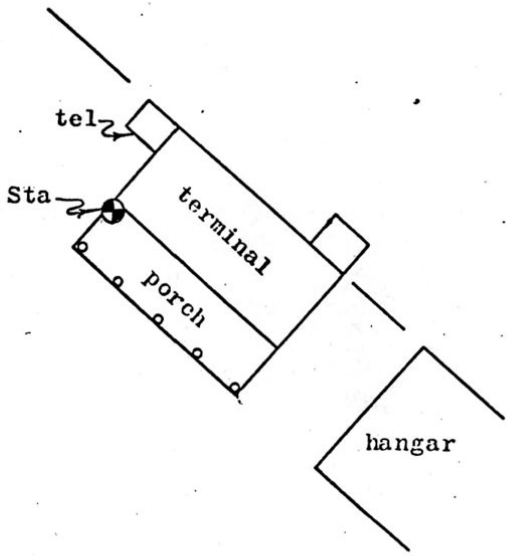
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 32° 14.57'N (1)	STATION DESIGNATION
LONGITUDE 109° 53.53'W (1)	WILCOX
ELEVATION 1275.0 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3193-1	ADOPTED GRAVITY VALUE: g= 979 096.81 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at Cochise County Airport, on NW corner of terminal porch. (1)



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 O-415

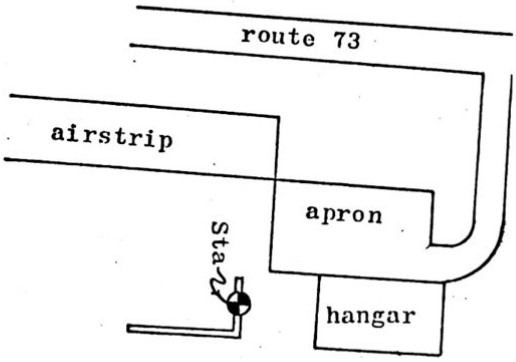
1162

GRAVITY BASE STATION

LATITUDE 33° 48.7'N (1)	STATION DESIGNATION WHITE RIVER
LONGITUDE 109° 58.8'W (1)	
ELEVATION 1557.2 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3194-1	ADOPTED GRAVITY VALUE: g= 979 142.17 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at White River airstrip, 12 ft. E of W end of concrete building foundation. (1)



(1)

REFERENCE SOURCE

(1) 03035

1163

ACIC HQ FORM FEB 69 O-415

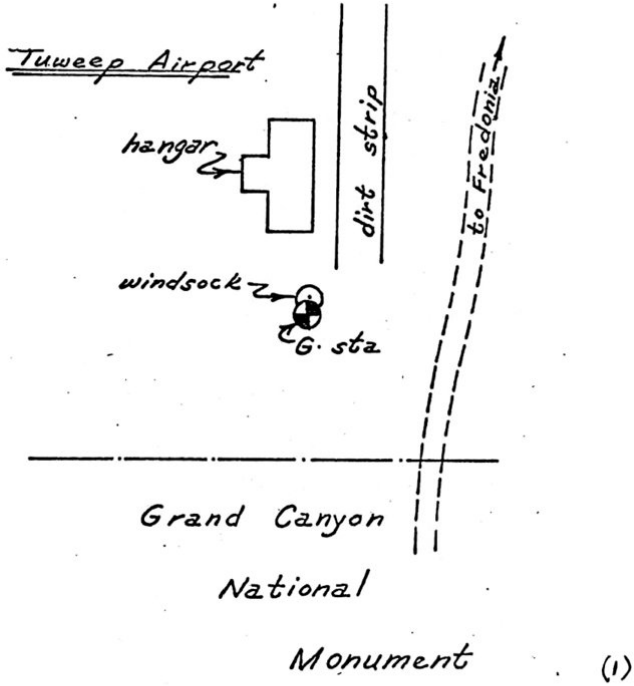
GRAVITY BASE STATION

LATITUDE 36° 16.0'N (1)	STATION DESIGNATION TUWEEP
LONGITUDE 113° 01.2'W (1)	
ELEVATION 1432.6 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3195-1	ADOPTED GRAVITY VALUE: g= 979 407.71 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at base of windsock, at landing strip, area known as Tuweep Airport.

NOTE: It is recommended that this station be approached from Fredonia. (1)



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 O-415

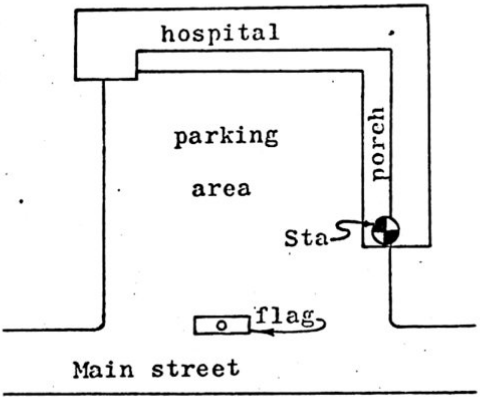
1164

GRAVITY BASE STATION

LATITUDE 36° 08.6'N (1)	STATION DESIGNATION
LONGITUDE 111° 13.8'W (1)	TUBA CITY
ELEVATION 1508.8 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3196-1	ADOPTED GRAVITY VALUE: g= 979 347.84 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at Tuba City Indian Health Service Hospital, at SW corner of 'L'-shaped building, on porch. (1)



(1)

REFERENCE SOURCE

(1) 03035

1165

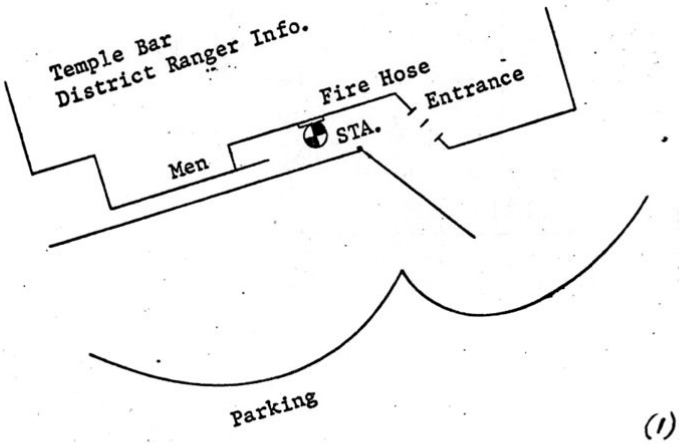
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 36° 02.1'N (1)	STATION DESIGNATION
LONGITUDE 114° 19.3'W (1)	TEMPLE BAR
ELEVATION 365.8 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3197-1	ADOPTED GRAVITY VALUE: g= 979 643.23 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at Temple Bar, Ranger Information Center, front of bldg, on sidewalk underneath fire hose. (1)



REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 0-415

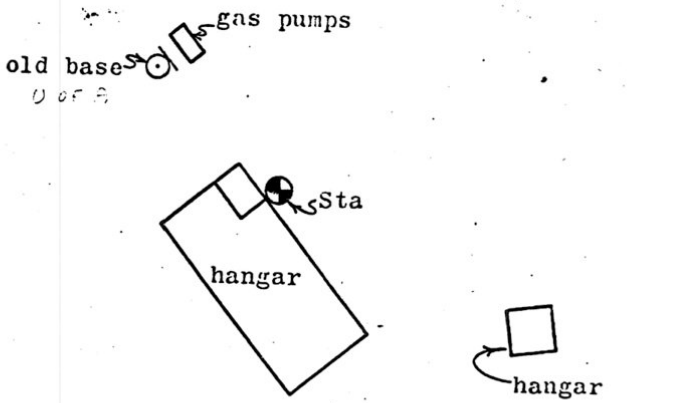
1164

GRAVITY BASE STATION

LATITUDE 34° 31.0'N (1)	STATION DESIGNATION
LONGITUDE 109° 22.5'W (1)	ST. JOHNS
ELEVATION 1883.7 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3198-1	ADOPTED GRAVITY VALUE: g= 979 161.37 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at St. Johns Municipal Airport at S side of door to office, on blacktop. (1)



(1)

REFERENCE SOURCE

(1) 03035

1167

ACIC HQ FORM FEB 69 O-415

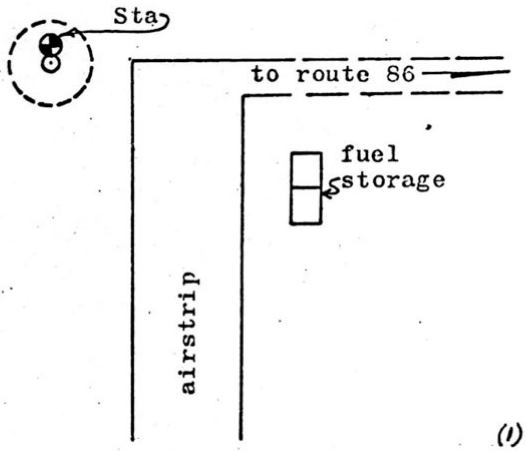
GRAVITY BASE STATION

LATITUDE 31° 55.7'N (1)	STATION DESIGNATION SELLS
LONGITUDE 111° 54.5'W (1)	
ELEVATION 710.2 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3199-1	ADOPTED GRAVITY VALUE: g= 979 269.88 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at the NW end of Sells landing strip, at base of windsock, on N side. (1)

Note: Windsock is incircled by rocks; 28 ft. dia.



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 O-415

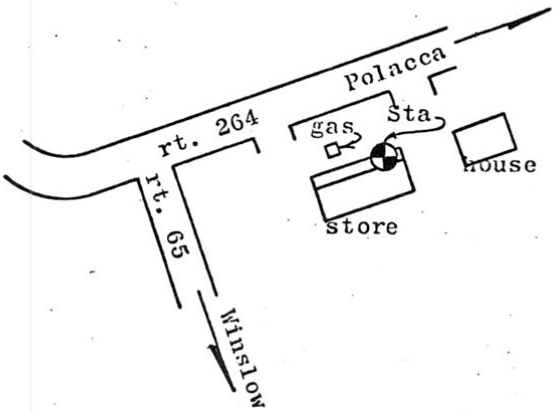
1168

GRAVITY BASE STATION

LATITUDE 35° 47.53'N (1)	STATION DESIGNATION SECOND MESA
LONGITUDE 110° 29.50'W (1)	
ELEVATION 1761.8 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3200-1	ADOPTED GRAVITY VALUE: g= 979 283.28 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located on the SE corner of Second Mesa store porch, at the junction of rts. 264 & 65, 7 miles W of Polacca. (1)



(1)

REFERENCE SOURCE

(1) 03035

1169

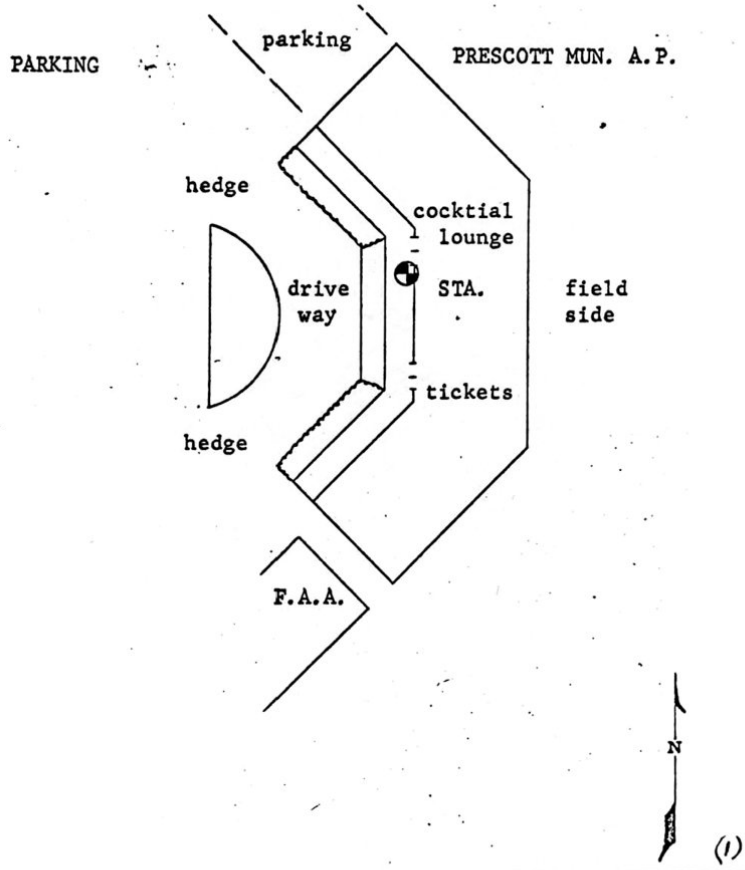
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 34° 39.0'N (1)	STATION DESIGNATION
LONGITUDE 112° 25.7'W (1)	PRESCOTT
ELEVATION 1524.6 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3201-1	ADOPTED GRAVITY VALUE: g= 979 240.09 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at Prescott Municipal Airport, at front entrance to terminal building, on concrete walk, and S of door to lounge. (1)



REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 0-415

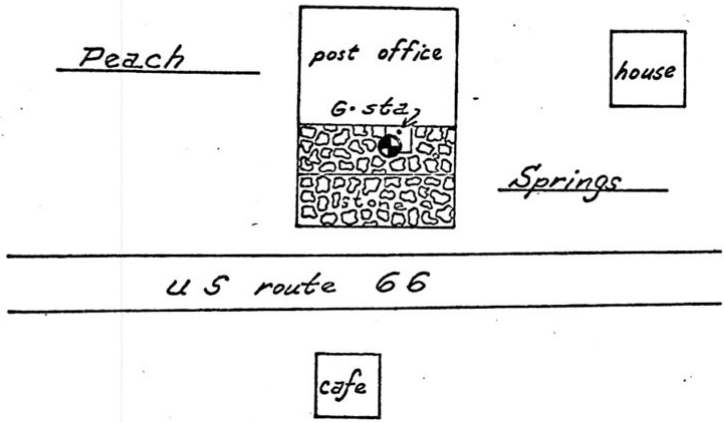
1170

GRAVITY BASE STATION

LATITUDE 35° 32.0'N (1)	STATION DESIGNATION PEACH SPRINGS
LONGITUDE 113° 25.5'W (1)	
ELEVATION 1380.2 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3202-1	ADOPTED GRAVITY VALUE: g= 979 338.65 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at base of flag pole, in front of Peach Springs Post Office. (1)



(1)

REFERENCE SOURCE

(1) 03035

1171

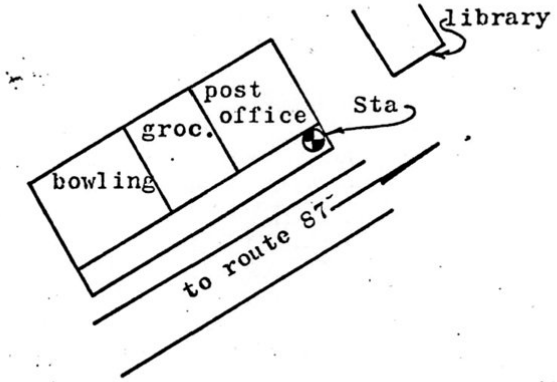
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 34° 13.9'N (1)	STATION DESIGNATION PAYSON
LONGITUDE 111° 20.07'W (1)	
ELEVATION 1493.5 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3203-1	ADOPTED GRAVITY VALUE: g= 979 225.23 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at post office, on SE corner of porch, and 70 ft. W of public library. (1)



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 O-415

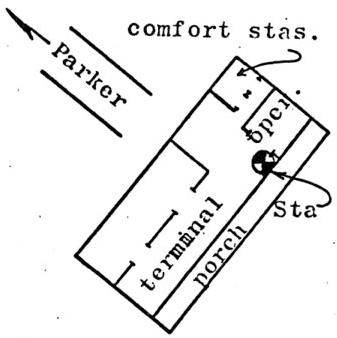
1172

GRAVITY BASE STATION

LATITUDE 34° 09.23'N (1)	STATION DESIGNATION
LONGITUDE 114° 16.17'W (1)	PARKER
ELEVATION 136.9 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3204-1	ADOPTED GRAVITY VALUE: g= 979 597.12 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located in Parker Municipal Airport terminal bldg., on floor in corner next to operations office. (1)



(1)

REFERENCE SOURCE

(1) 03035

1173

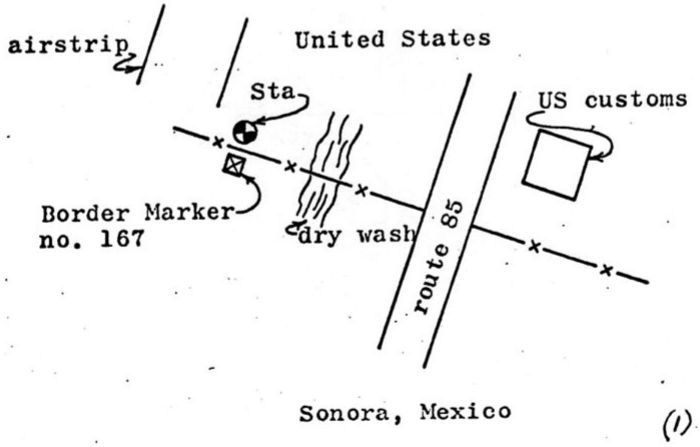
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 31° 52.82'N (1)	STATION DESIGNATION
LONGITUDE 112° 49.07'W (1)	LUKEVILLE
ELEVATION 426.7 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3205-1	ADOPTED GRAVITY VALUE: g= 979 340.43 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station site is located on north side of Border Marker no. 167, and 200' west of border crossing. (1)



(1)

REFERENCE SOURCE

(1) 03035

1174

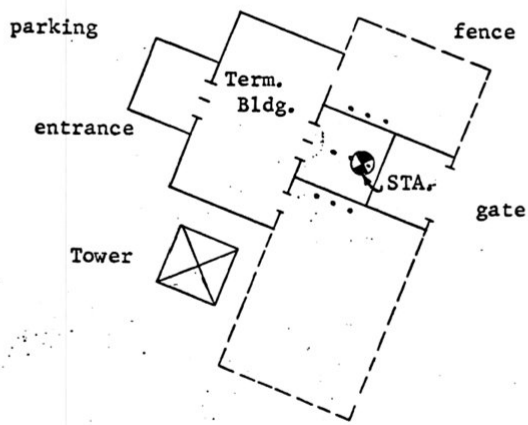
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 35° 15.5'N (1)	STATION DESIGNATION
LONGITUDE 113° 56.2'W (1)	KINGMAN
ELEVATION 1050.4 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3206-1	ADOPTED GRAVITY VALUE: g= 979 418.81 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at Kingman Municipal Airport, on field side on concrete walk leading to gate, at NW side of first center post. (1)



(1)

REFERENCE SOURCE

(1) 03035

1175

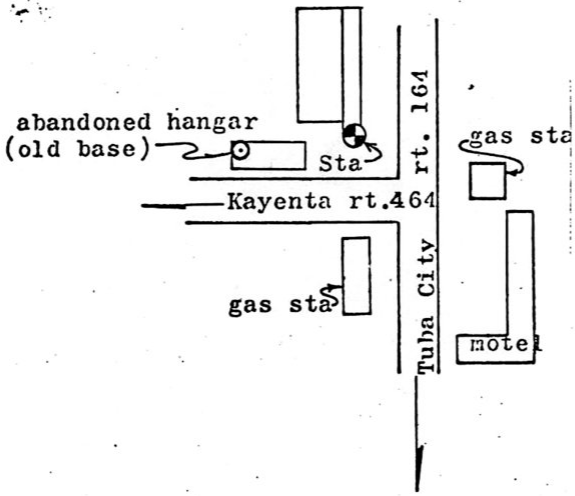
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 36° 45'N (1)	STATION DESIGNATION KAYENTA
LONGITUDE 110° 14.5'W (1)	
ELEVATION 1770.9 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3207-1	ADOPTED GRAVITY VALUE: g= 979 372.82 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at the junction of routes 164 & 464, on SW end of walk, 15' from corner of Navajo Arts and Crafts Guild building. (1)



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 0-415

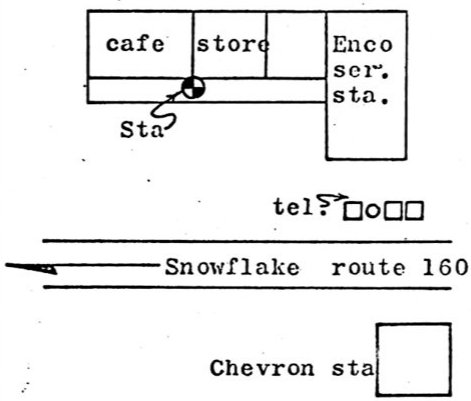
1176

GRAVITY BASE STATION

LATITUDE 34° 25.75'N (1)	STATION DESIGNATION HEBER
LONGITUDE 110° 35.83'W (1)	
ELEVATION 1996.5 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3208-1	ADOPTED GRAVITY VALUE: g= 979 121.06 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located on sidewalk at SE corner of cafe and SW corner of store, at E end of town on state route 160. (1)



(1)

REFERENCE SOURCE

(1) 03035

1177

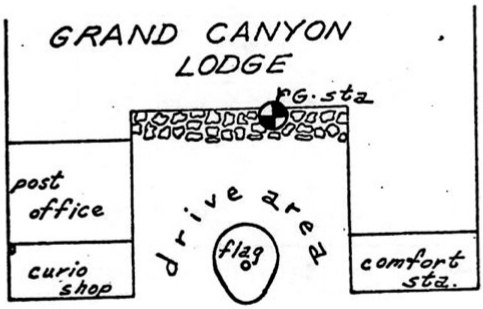
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 36° 11.8'N (1)	STATION DESIGNATION GRAND CANYON
LONGITUDE 112° 03.1'W (1)	
ELEVATION 2468.9 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3209-1	ADOPTED GRAVITY VALUE: g= 979 138.12 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at main entrance to Grand Canyon Lodge, North Rim; at base of stone column on right side, on surface of stone walkway. (1)



(1)

REFERENCE SOURCE

(1) 03035

1178

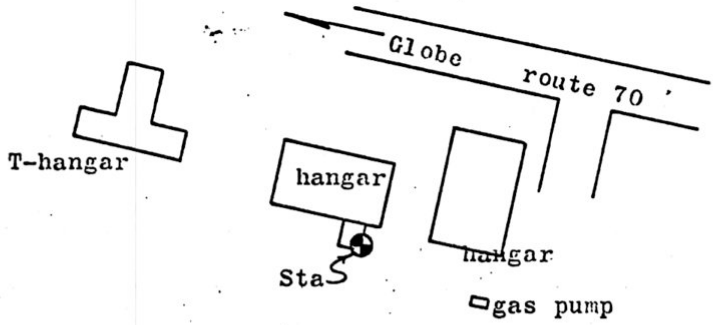
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 33° 16.95'N (1)	STATION DESIGNATION GLOBE
LONGITUDE 110° 33.2'W (1)	
ELEVATION 983.9 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3210-1	ADOPTED GRAVITY VALUE: g= 979 268.68 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at Globe Airport, on SE corner of concrete apron, S of long yellow metal hangar. (1)



(1)

REFERENCE SOURCE

(1) 03035

1179

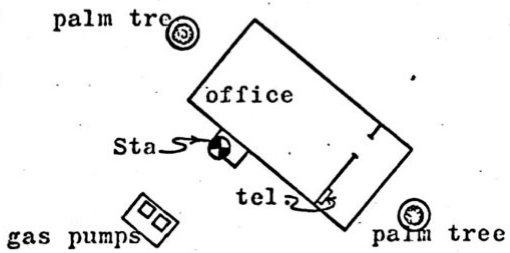
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 32° 56.35'N (1)	STATION DESIGNATION
LONGITUDE 112° 41.4'W (1)	GILA BEND
ELEVATION 234.7 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3211-1	ADOPTED GRAVITY VALUE: g= 979 455.21 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at Gila Bend Municipal Airport, on S side of office, on concrete step in front of door. (1)



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 0-415

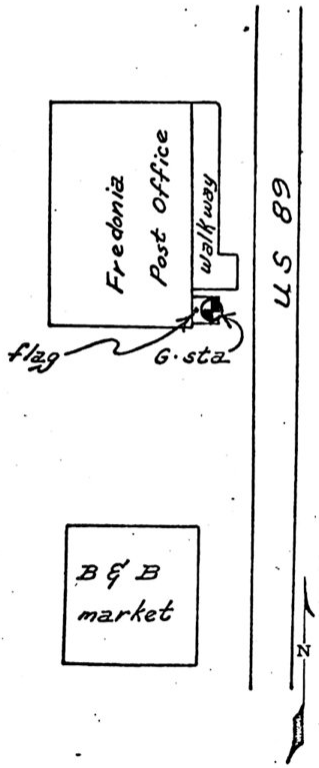
1180

GRAVITY BASE STATION

LATITUDE 36° 57.0'N (1)	STATION DESIGNATION
LONGITUDE 112° 31.5'W (1)	FREDONIA
ELEVATION 1426.5 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3212-1	ADOPTED GRAVITY VALUE: g= 979 470.49 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at base of flagpole, on sidewalk, at Fredonia Post Office. (1)



(1)

REFERENCE SOURCE

(1) 03035

1181.

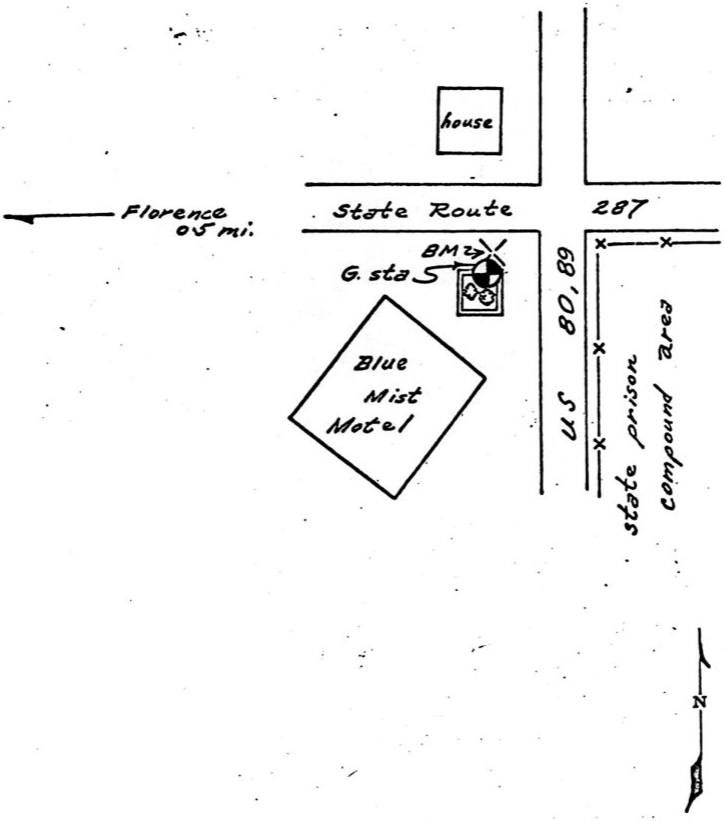
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 33° 01.8'N (1)	STATION DESIGNATION
LONGITUDE 111° 22.6'W (1)	FLORENCE
ELEVATION 459.3 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3213-1	ADOPTED GRAVITY VALUE: g= 979 407.20 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station site is located on NE corner of small retaining wall, approximately 50 ft. S/ of intersecting center line of US Highways 80, 89, and state route 287. (1)



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 0-415

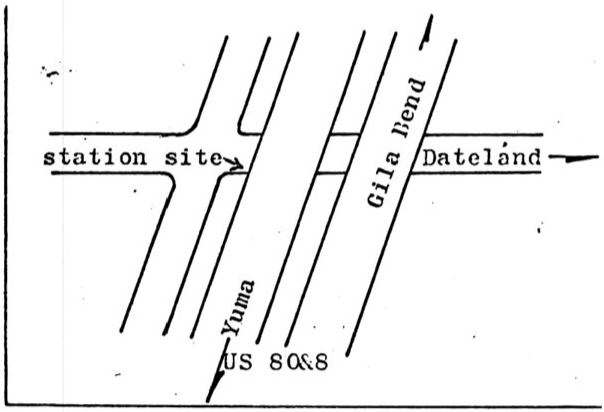
1182

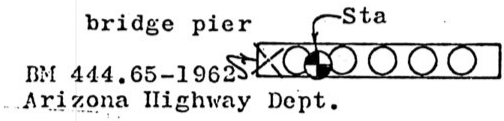
GRAVITY BASE STATION

LATITUDE 32° 48.03'N (1)	STATION DESIGNATION
LONGITUDE 113° 32.42'W (1)	DATELAND
ELEVATION 135.5 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3214-1	ADOPTED GRAVITY VALUE: g= 979 517.13 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station site is located on top of base of bridge pier at intersection of US 80 & 8 and road to Dateland, and 4 ft. E of Arizona Highway Dept. BM. (1)





(1)

REFERENCE SOURCE

(1) 03035

1183

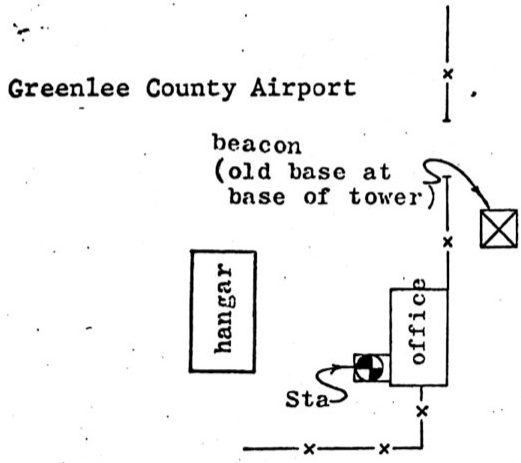
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 32° 57.48'N (1)	STATION DESIGNATION
LONGITUDE 109° 12.6'W (1)	CLIFTON
ELEVATION 1156.7 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3215-1	ADOPTED GRAVITY VALUE: g= 979 168.10 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station site is located at Clifton airport, on concrete step at SW corner of red brick building, under wall phone. Approximately 10 miles south of Clifton. (1)



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 0-415

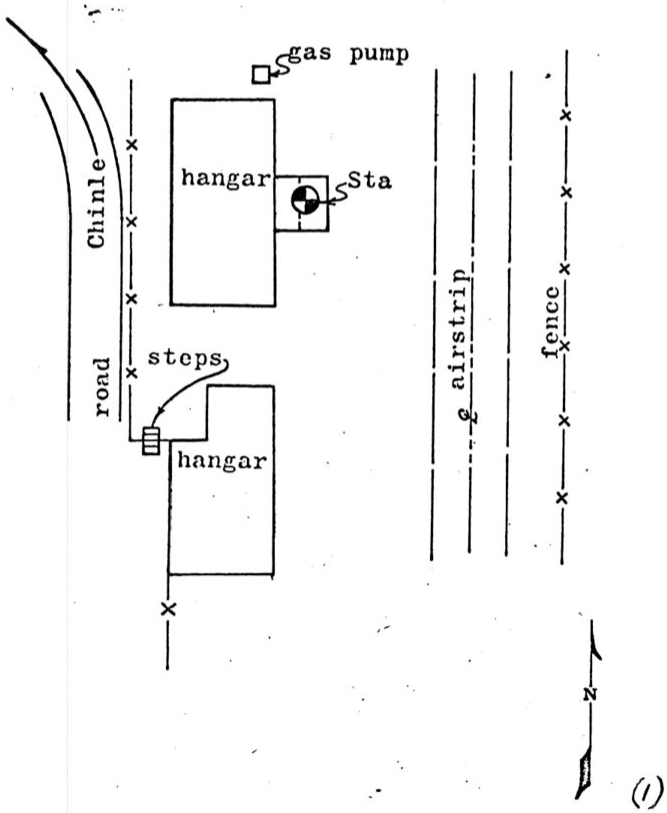
1184

GRAVITY BASE STATION

LATITUDE 36° 09.13'N (1)	STATION DESIGNATION CHINLE
LONGITUDE 109° 33.58'W (1)	
ELEVATION 1675.8 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3216-1	ADOPTED GRAVITY VALUE: g= 979 337.38 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/68

DESCRIPTION AND/OR SKETCH

Station site is located at airstrip, on concrete apron, 3 ft. S of hangar, and 7.5 ft. W of E edge of apron. (1)



REFERENCE SOURCE

(1) 03035

1185

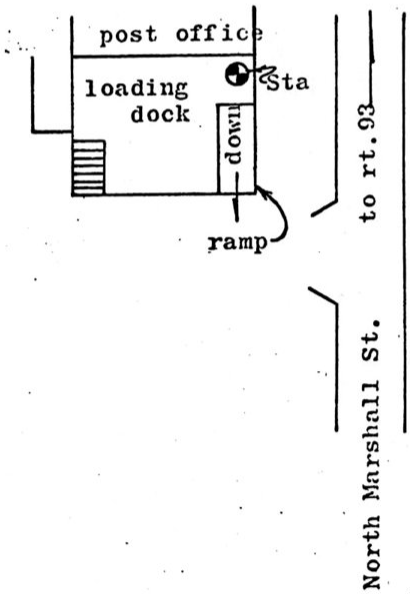
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 32° 52.5'N (1)	STATION DESIGNATION CASA GRANDE
LONGITUDE 111° 45.17'W (1)	COUNTRY/STATE USA/Arizona
ELEVATION 426.7 METERS (1)	ADOPTED GRAVITY VALUE g= 979 415.87 mgals
REFERENCE CODE NUMBERS: ACIC 3217-3	ESTIMATED ACCURACY ± 0.1 mgals; DATE MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located on NE corner of loading dock of post office. (1)



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 0-415

1186

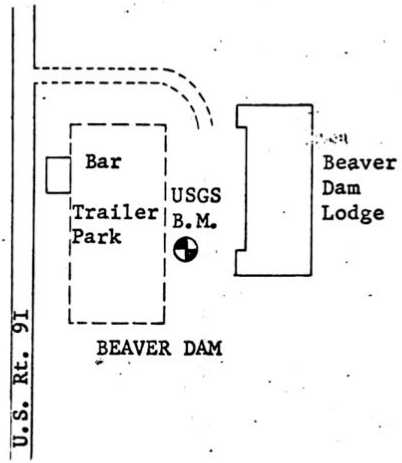
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
36° 54.0'N (1)	
LONGITUDE	
113° 56.0'W (1)	BEAVER DAM
ELEVATION	COUNTRY/STATE
559.9 METERS (1)	USA/Arizona

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3218-1		g= 979 622.47 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at Beaver Dam, on U. S. Rt. 97, 12 miles NE of Mesquite, Nevada. Meter read on top of USGS concrete monument BM west of Beaver Dam Lodge and east of trailer park. (1)



(1)

REFERENCE SOURCE

(1) 03035

1187

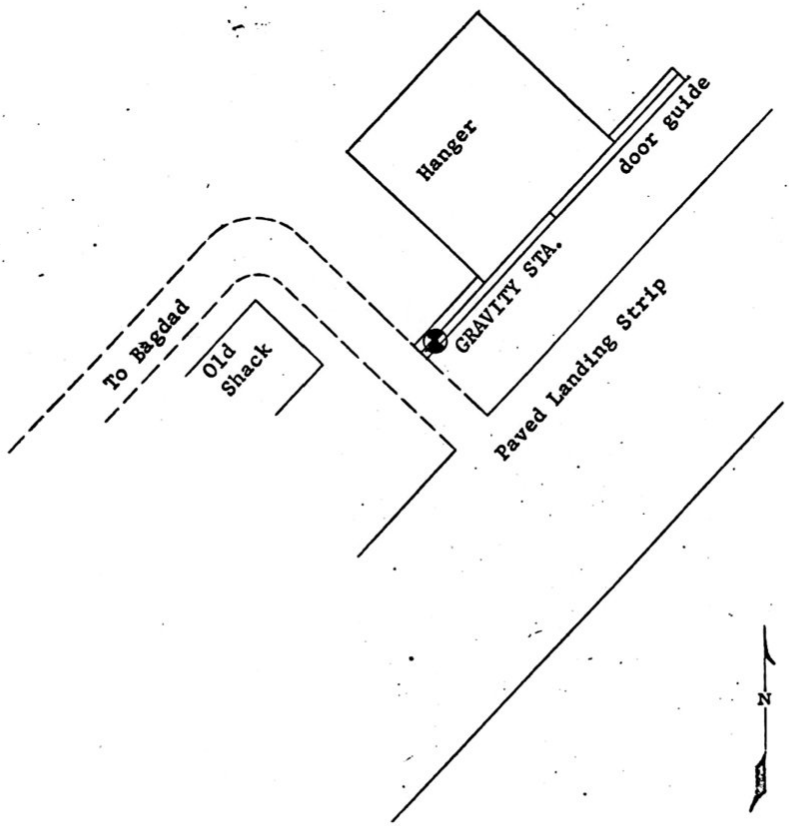
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 34° 35.6'N (1)	STATION DESIGNATION
LONGITUDE 113° 10.3'W (1)	BAGDAD
ELEVATION 1260.7 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3219-1	ADOPTED GRAVITY VALUE: g= 979 317.54 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at Bagdad Airport, approximately 2 miles N of city of Bagdad, SW corner of hangar, on concrete hangar door guide. (1)



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 O-415

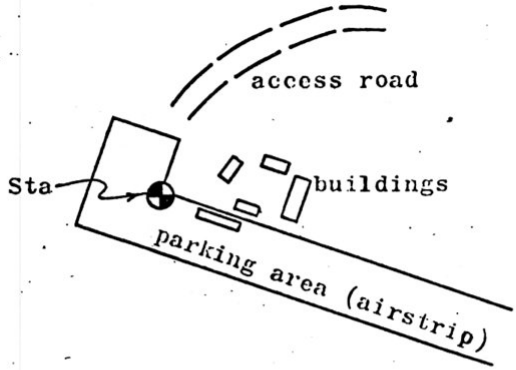
1188

GRAVITY BASE STATION

LATITUDE 32° 27.16'N (1)	STATION DESIGNATION
LONGITUDE 112° 51.4'W (1)	AJO
ELEVATION 436.00 METERS (1)	COUNTRY/STATE USA/Arizona
REFERENCE CODE NUMBERS: ACIC 3220-1	ADOPTED GRAVITY VALUE: g= 979 382.19 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station site is located E of route 85, at Ajo Airport, on NE corner of 'L'-shaped aircraft parking area. (1)



(1)

REFERENCE SOURCE

(1) 03035

1189

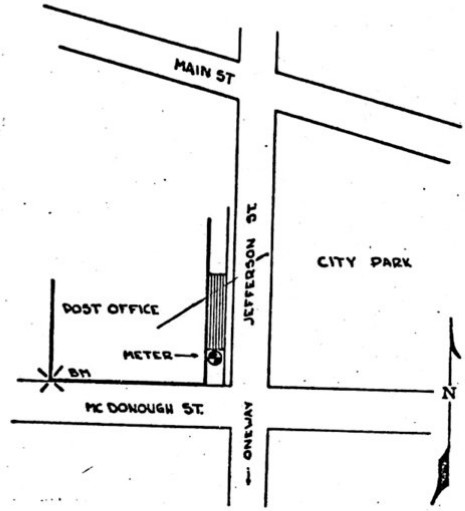
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 32° 51.9'N (1)	STATION DESIGNATION
LONGITUDE 81° 06.5'W (1)	BARNWELL
ELEVATION 67.5 METERS (1)	COUNTRY/STATE USA/South Carolina
REFERENCE CODE NUMBERS: ACIC 3221-1	ADOPTED GRAVITY VALUE: g= 979 583.87 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at post office in Barnwell, S. C., at intersection of Jefferson and McDonough Streets; at the main entrance on the concrete sidewalk, about 3 feet south of the main door, about 1 foot away from the main door. (1)



(1)

REFERENCE SOURCE

(1) 03034

ACIC HQ FORM FEB 69 0-415

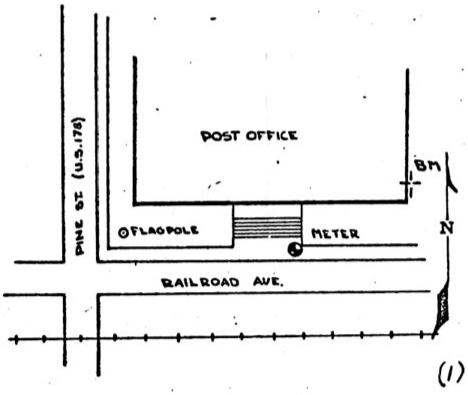
1190

GRAVITY BASE STATION

LATITUDE 33° 54.4'N (1)	STATION DESIGNATION
LONGITUDE 81° 32.7'W (1)	BATESBURG
ELEVATION 197.21 METERS (1)	COUNTRY/STATE USA/South Carolina
REFERENCE CODE NUMBERS: ACIC 3222-1	ADOPTED GRAVITY VALUE: g= 979 605.04 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at post office, in Batesburg, S. C. at the intersection of Pine Street (U. S. Highway 179), and Railroad Ave., at the main entrance, on the sidewalk to the east of the bottom step; BM is set vertically on the east face of post office, about 2 feet above ground. (1)



(1)

REFERENCE SOURCE

(1) 03034

1191

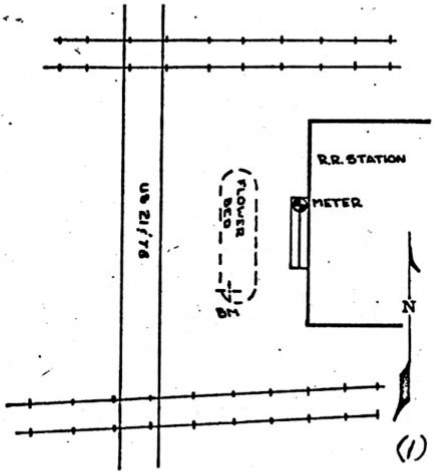
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 33° 15.0'N (1)	STATION DESIGNATION BRANCHVILLE
LONGITUDE 80° 49.0'W (1)	
ELEVATION 38.6 METERS (1)	COUNTRY/STATE USA/South Carolina
REFERENCE CODE NUMBERS: ACIC 3223-1	ADOPTED GRAVITY VALUE: g= 979 590.78 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at Branchville Railroad Station, in Branchville, S. C., along U. S. 21 and 78, at the west front entrance, in the center of the lower step of the building. BM is 15 feet west of the meter. (1)



(1)

REFERENCE SOURCE

(1) 03034

ACIC HQ FORM FEB 69 O-415

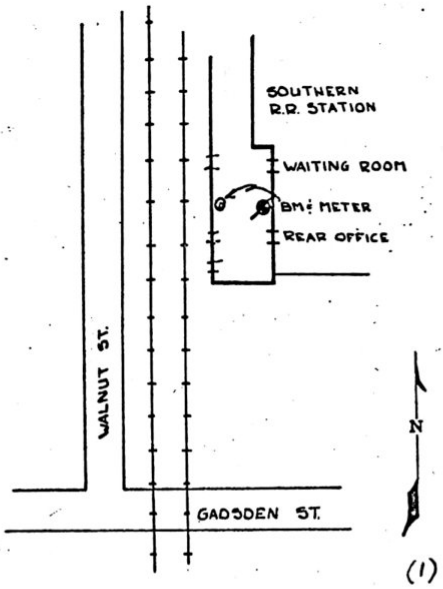
1192

GRAVITY BASE STATION

LATITUDE 34° 42.4'N (1)	STATION DESIGNATION CHESTER
LONGITUDE 81° 12.2'W (1)	
ELEVATION 163.13 METERS (1)	COUNTRY/STATE USA/South Carolina
REFERENCE CODE NUMBERS: ACIC 3224-1	ADOPTED GRAVITY VALUE: g= 979 677.44 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is 4.5 feet directly below BM, at Southern Railroad Station in Chester, S. C. at intersection of Gadsden Street and Madsen Street; 12 feet north of the entrance to Railway Express Agency (REA) office, 24 feet south of the entrance to the former waiting room, on the asphalt. (1)



(1)

REFERENCE SOURCE

(1) 03034

1193

ACIC HQ FORM FEB 69 0-415

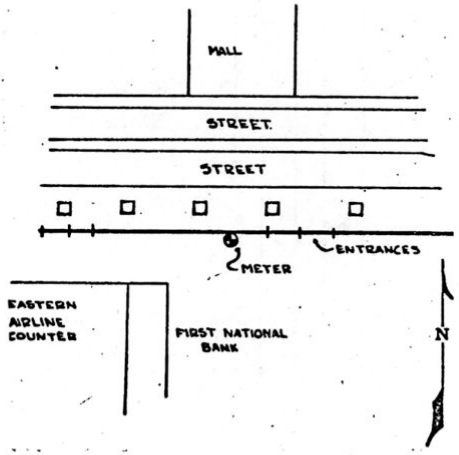
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
33° 56.8'N (1)	COLUMBIA
LONGITUDE 81° 07.6'W (1)	
ELEVATION 77.9 METERS (1)	**COUNTRY/STATE** USA/South Carolina

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3225-1		g= 979 619.42 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at Columbia Metropolitan A. P. in Columbia, S. C. at the new air terminal roughly 6 miles southwest along S. C. Highway 215 from downtown area, at north entrance, at street floor 25 feet north of First National Bank, 7 feet west of door, and 1 foot away from the exterior wall. (1)



(1)

REFERENCE SOURCE

(1) 03034

ACIC HQ FORM FEB 69 0-415

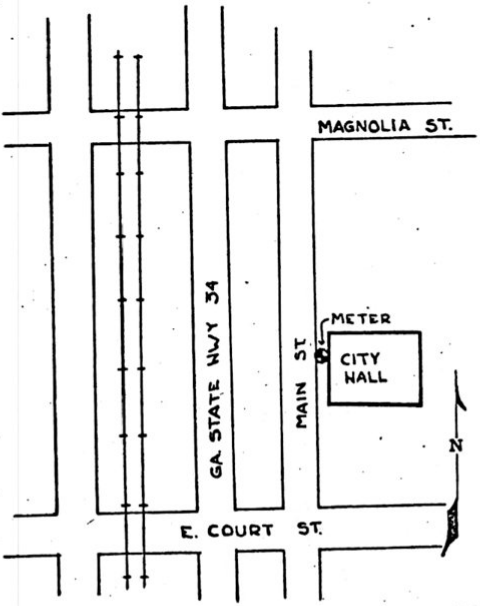
1194

GRAVITY BASE STATION

LATITUDE 34° 11.4'N (1)	STATION DESIGNATION GREENWOOD
LONGITUDE 82° 09.6'W (1)	
ELEVATION 201.6 METERS (1)	COUNTRY/STATE USA/South Carolina
REFERENCE CODE NUMBERS: ACIC 3226-1	ADOPTED GRAVITY VALUE: g= 979 640.70 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is located in Greenwood, S. C. along U. S. Highway No. 25 & 178 at the Greenwood City Hall at the intersection of South Main Street and East Court Street at the north end of the building on the sidewalk directly below BM G33. (1)



(1)

REFERENCE SOURCE

(1) 03034

1195

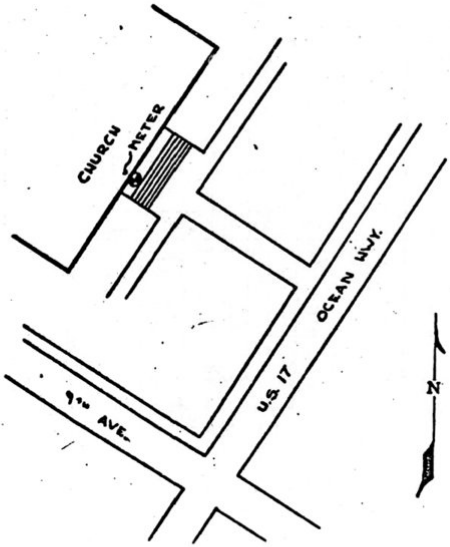
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 33° 41.7'N (1)	STATION DESIGNATION MYRTLE BEACH
LONGITUDE 78° 52.9'W (1)	
ELEVATION 9.1 METERS (1)	COUNTRY/STATE USA/South Carolina
REFERENCE CODE NUMBERS: ACIC 3227-1	ADOPTED GRAVITY VALUE: g= 979 624.67 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at Methodist Church, in Myrtle Beach, S. C. along U. S. 17 (Ocean Highway); at intersection of U. S. 17 (Ocean Highway) and 9th Ave; at the main entrance, 1 foot southwest of door, on the concrete porch area. (1)



(1)

REFERENCE SOURCE

(1) 03034

ACIC HQ FORM FEB 69 0-415

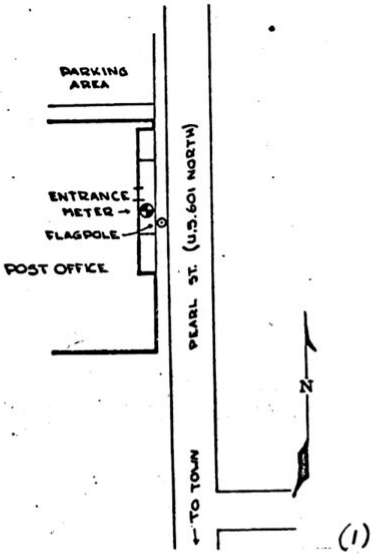
1196

GRAVITY BASE STATION

LATITUDE 34° 46.4'N (1)	STATION DESIGNATION
LONGITUDE 80° 23.5'W (1)	PAGELAND
ELEVATION 198.1 METERS (1)	COUNTRY/STATE USA/South Carolina
REFERENCE CODE NUMBERS: ACIC 3228-1	ADOPTED GRAVITY VALUE: g= 979 689.64 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at post office, in Pageland, S. C., along Pearl Street (U. S. 601 North), at the main entrance, about 2 feet south of the door, on the concrete sidewalk. (1)



REFERENCE SOURCE

(1) 03034

1197

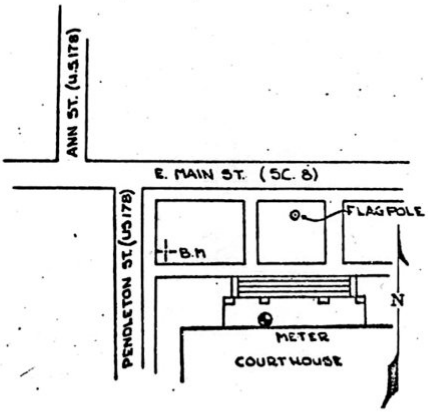
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 34° 53.0'N (1)	STATION DESIGNATION
LONGITUDE 82° 42.5'W (1)	PICKENS
ELEVATION 339.4 METERS (1)	COUNTRY/STATE USA/South Carolina
REFERENCE CODE NUMBERS: ACIC 3229-1	ADOPTED GRAVITY VALUE: g= 979 599.53 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at Pickens County Courthouse, in Pickens, S. C., along S. C. 8 (East Main Street) at the intersection of Pendleton Street (U. S. 178) and East Main Street (S. C. 8); at the main entrance about 1 foot west of the door, and BM is about 60 feet northwest of gravity station; in the concrete porch area. (1)



(1)

REFERENCE SOURCE

(1) 03034

ACIC HQ FORM FEB 69 0-415

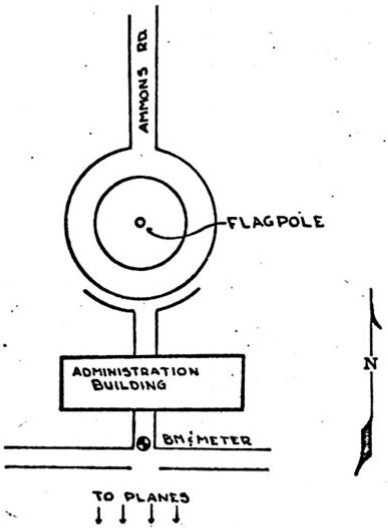
1198

GRAVITY BASE STATION

LATITUDE 34° 55.2'N (1)	STATION DESIGNATION SPARTANBURG
LONGITUDE 81° 57.5'W (1)	COUNTRY/STATE USA/South Carolina
ELEVATION 244.35 METERS (1)	ADOPTED GRAVITY VALUE
REFERENCE CODE NUMBERS: ACIC 3230-1	g= 979 651.83 mgals
	ESTIMATED ACCURACY ± 0.1 mgals
	DATE MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is on top of BM, at Spartanburg A. P. (Downtown Airport not Spartanburg-Greenville A.P.) about 2.0 miles southwest along S. C. 296 west (Airport Road) from the junction of U. S. Highway 29; at south entrance, 20 feet southwest of the door, in the middle of the concrete sidewalk. (1)



(1)

REFERENCE SOURCE

(1) 03034

1199

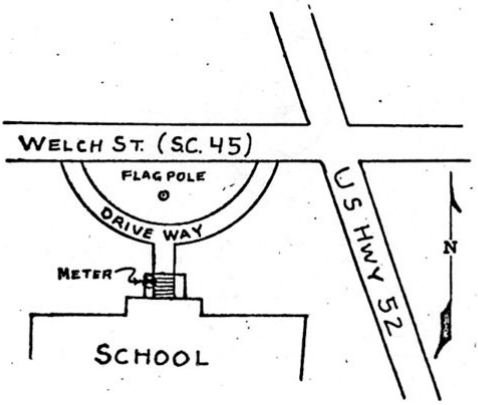
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 33° 24.3'N (1)	STATION DESIGNATION
LONGITUDE 79° 55.6'W (1)	ST. STEPHENS
ELEVATION 23.9 METERS (1)	COUNTRY/STATE USA/South Carolina
REFERENCE CODE NUMBERS: ACIC 3231-1	ADOPTED GRAVITY VALUE: g= 979 615.90 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Gravity station is at St. Stephens elementary school, in St. Stephens, S. C. along S. C. 45 (Welch Street) about 0.1 mile east to U. S. Highway 52; at the main entrance, on the west concrete coping; about 2 feet west of the center door, about 1 foot away from the exterior building. (1)



(1)

REFERENCE SOURCE

(1) 03034

ACIC HQ FORM FEB 69 O-415

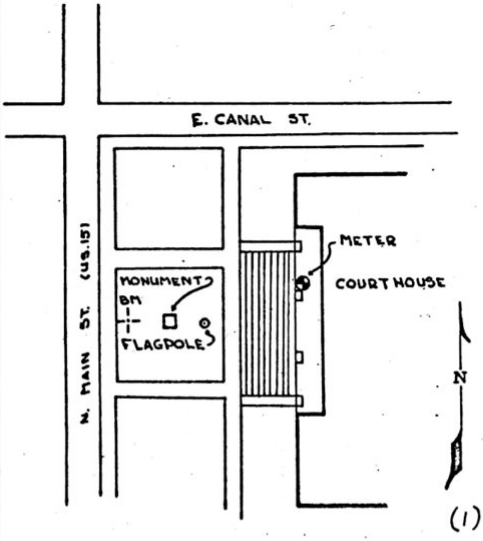
1200

GRAVITY BASE STATION

LATITUDE 33° 55.3'N (1)	STATION DESIGNATION
LONGITUDE 80° 20.4'W (1)	SUMTER
ELEVATION 54.0 METERS (1)	COUNTRY/STATE USA/South Carolina
REFERENCE CODE NUMBERS: ACIC 3232-1	ADOPTED GRAVITY VALUE: g= 979 623.22 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at county courthouse, in Sumter, S. C. along Main Street (U. S. 15); at the intersection of Main Street (U. S. 15) and East Canal Street; at the main entrance, about 15 feet northwest of the door; about 1 foot north of the 2nd south column; on the concrete area of the top step; meter read 8 feet above the level of BM. (1)



(1)

REFERENCE SOURCE

(1) 03034

1201

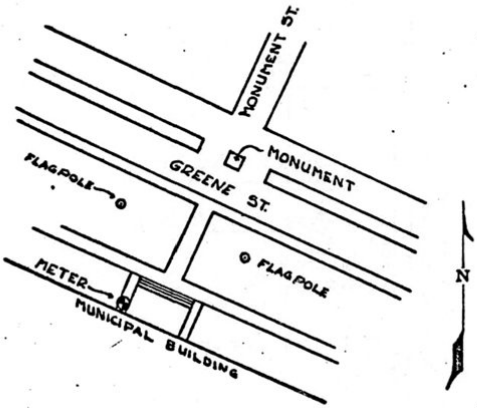
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 33° 28.4'N (1)	STATION DESIGNATION
LONGITUDE 81° 57.7'W (1)	AUGUSTA
ELEVATION 36.6 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 3234-1	ADOPTED GRAVITY VALUE: g= 979 600.37 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at Augusta-Richmond County Municipal Building, in Augusta, Ga., along Green Street; at intersection of Green Street and Monument Street; at the main entrance; about 10 feet northwest of the door, on the marble area; 1 foot away from exterior of building. (1)



(1)

REFERENCE SOURCE

(1) 03033

ACIC HQ FORM FEB 69 O-415

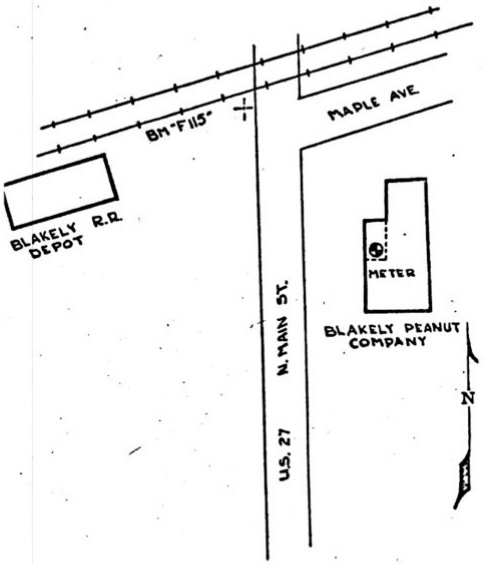
1202

GRAVITY BASE STATION

LATITUDE 31° 22.9'N (1)	STATION DESIGNATION
LONGITUDE 84° 56.0'W (1)	BLAKELY
ELEVATION 78.98 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 3235-1	ADOPTED GRAVITY VALUE: g= 979 425.47 mgals
	ESTIMATED ACCURACY: ± mgals
	DATE: MONTH/YEAR

DESCRIPTION AND/OR SKETCH

Gravity base station is located in Blakely, Georgia, along U. S. Highway No. 27 at the intersection of North Main Street and Maple Avenue; at the Blakely Peanut Company Office Building, on the porch at the southeast corner. (1)



(1)

REFERENCE SOURCE

(1) 03033

1203

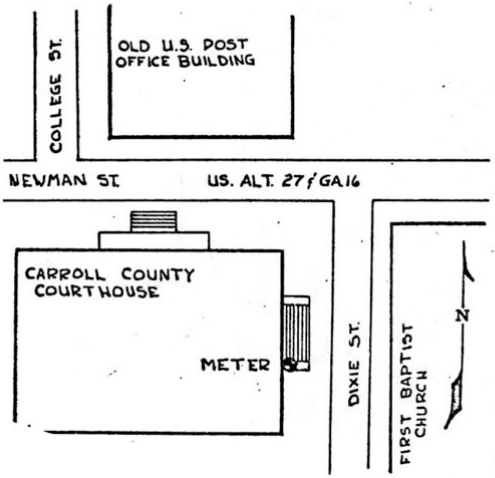
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 33° 34.8'N (1)	STATION DESIGNATION
LONGITUDE 85° 04.4'W (1)	CARROLLTON
ELEVATION METERS	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 3236-1	ADOPTED GRAVITY VALUE: g= 979 521.89 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is located in Carrollton, Georgia along U. S. Alt. Route 27 and Georgia Route 16 at the Carroll County Courthouse at the intersection of Newman and Dixie Streets, at the east entrance of the building on the south coping at the west edge beside the Pilaster. (1)



(1)

REFERENCE SOURCE

(1) 03033

ACIC HQ FORM FEB 69 O-415

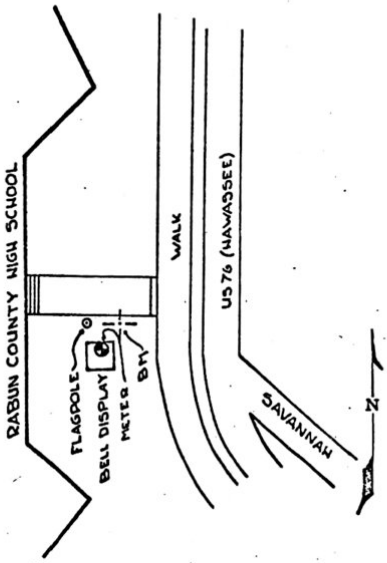
1204

GRAVITY BASE STATION

LATITUDE 34° 52.8'N (1)	STATION DESIGNATION CLAYTON
LONGITUDE 83° 24.3'W (1)	
ELEVATION 578.20 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 3237-1	ADOPTED GRAVITY VALUE: g= 979 547.29 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at Rabun County High School, in Clayton, Georgia; 0.3 mile west-northwest along U. S. 76 (Hiawassee Street) from the junction of U. S. 23, at Hiawassee & Savannah Streets; on the base of the Bell Display Foundation, 43.5 feet northeast of main entrance to school; 8 feet east and 2 feet above the BM. (1)



(1)

REFERENCE SOURCE

(1) 03033

1205

ACIC HQ FORM FEB 69 O-415

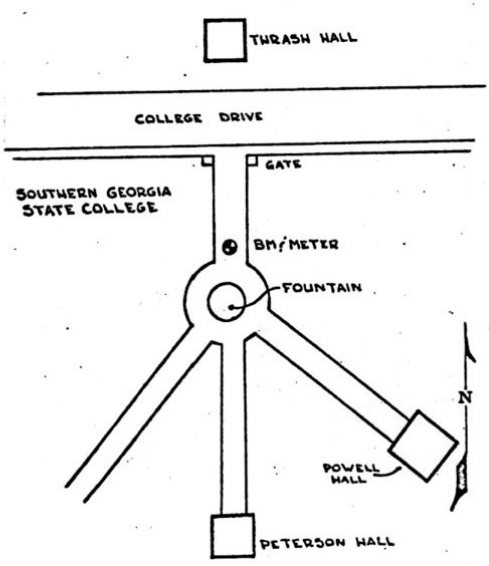
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
31° 29.8'N (1)	
LONGITUDE	
82° 51.5'W (1)	DOUGLAS
ELEVATION	COUNTRY/STATE
76.67 METERS (1)	USA/Georgia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3238-1		g= 979 469.09 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity station is located in Douglas, Georgia at the southern Georgia State College Campus, 0.25 mile west along college drive from its junction with U. S. Highway 441, about 94 feet south on the walk that leads between Thrash Hall and Peterson Hall, 4 feet north of fountain, meters were read next to BM. (1)



(1)

REFERENCE SOURCE

(1) 03033

ACIC HQ FORM FEB 69 0-415

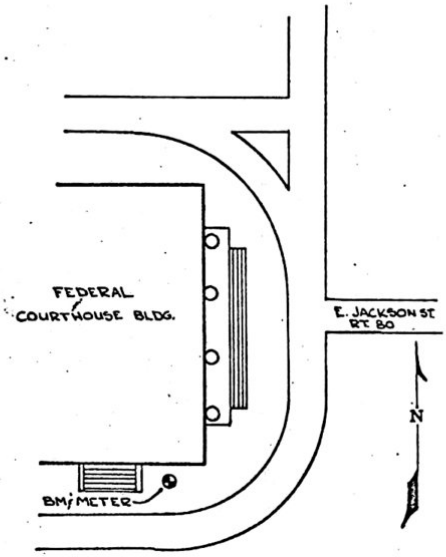
1206

GRAVITY BASE STATION

LATITUDE 32° 33.0'N (1)	STATION DESIGNATION
LONGITUDE 82° 54.5'W (1)	DUBLIN
ELEVATION 69.38 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 3239-1	ADOPTED GRAVITY VALUE: g= 979 521.04 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at the post office in Dublin, Georgia, in the traffic circle, on East Jackson Street; at the south entrance of the Federal & Courthouse Building, on top of a concrete wall around the basement window, 8.6 feet southwest of the southeast corner of the building, 0.4 foot northwest of the southeast corner of the concrete wall and ½ foot above the level of the ground. (1)



(1)

REFERENCE SOURCE

(1) 03033

1207

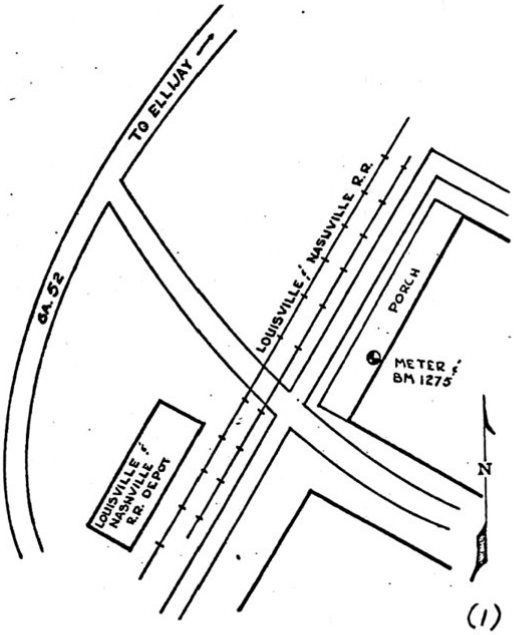
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 34° 41.5'N (1)	STATION DESIGNATION
LONGITUDE 84° 28.4'W (1)	ELLIJAY
ELEVATION 389.01 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 3240-1	ADOPTED GRAVITY VALUE: g= 979 598.67 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is located in Ellijay, Georgia about 0.5 mile southeast from the center of town along Georgia State Highway No. 52 at a building 200 feet east of the Louisville and Nashville Railroad Depot, on the porch directly under BM 1275 (USGS). (1)



REFERENCE SOURCE

(1) 03033

ACIC HQ FORM FEB 69 0-415

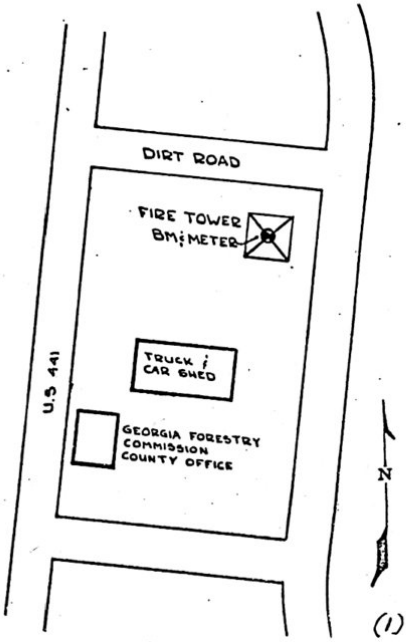
1208

GRAVITY BASE STATION

LATITUDE 30° 41.0'N (1)	STATION DESIGNATION FARGO
LONGITUDE 82° 34.0'W (1)	
ELEVATION 34.86 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 3241-1	ADOPTED GRAVITY VALUE: g= 979 383.21 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is located in Fargo, Georgia, at the St. Regis Paper Company Fire Tower, directly beneath the tower; meter is read on top of BM. (1)



REFERENCE SOURCE

(1) 03033

1209

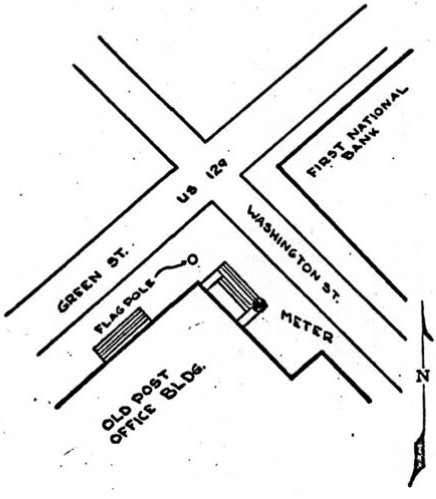
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 34° 18.0'N (1)	STATION DESIGNATION
LONGITUDE 83° 49.6'W (1)	GAINSVILLE
ELEVATION 387.88 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 3242-1	ADOPTED GRAVITY VALUE: g= 979 560.19 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is located in Gainsville, Georgia along U. S. Highway No. 129 at the Old Post Office Building at the intersection of Green Street and Washington Street at the north-northeast entrance on top of the east-southeast end of the bottom step. (1)



(1)

REFERENCE SOURCE

(1) 03033

ACIC HQ FORM FEB 69 0-415

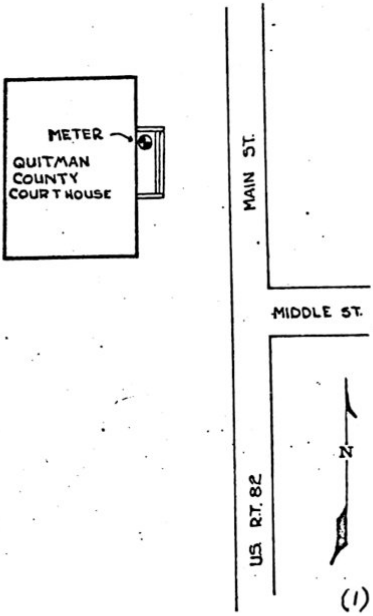
1210

GRAVITY BASE STATION

LATITUDE 31° 54.6'N (1)	STATION DESIGNATION GEORGETOWN
LONGITUDE 85° 06.5'W (1)	
ELEVATION 77.7 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 3243-1	ADOPTED GRAVITY VALUE: g= 979 489.44 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is located in Georgetown, Georgia, along U. S. route 82 at the Quitman County Courthouse on the porch in the middle of the recessed wall north of the main entrance. (1)



REFERENCE SOURCE

(1) 03033

1211

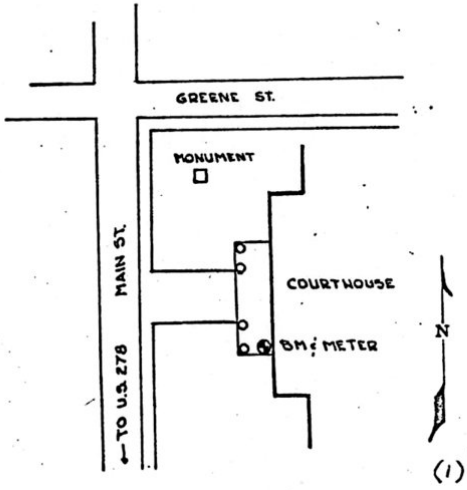
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 33° 34.8'N (1)	STATION DESIGNATION
LONGITUDE 83° 11.0'W (1)	GREENSBORO
ELEVATION 197.03 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 3244-1	ADOPTED GRAVITY VALUE: g= 979 591.81 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at county courthouse, in Greensboro, Ga., along Main Street; at intersection of Main Street and Greene Street; about 0.1 mile south of U. S. Highway 278 & Ga. 44 & 15; at the main entrance; on the southside of the concrete porch area; directly 4 feet below the BM. (1)



REFERENCE SOURCE

(1) 03033

ACIC HQ FORM FEB 69 0-415

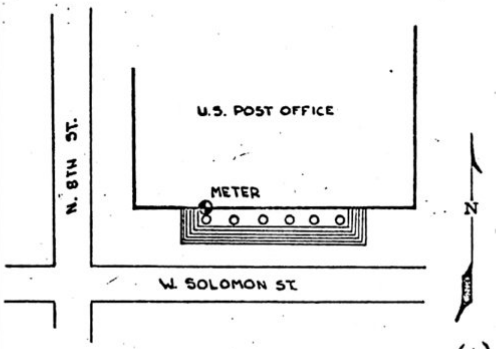
1212

GRAVITY BASE STATION

LATITUDE 33° 15.0'N (1)	STATION DESIGNATION
LONGITUDE 84° 15.7'W (1)	GRIFFIN
ELEVATION 298.20 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: CIC 3245-1	ADOPTED GRAVITY VALUE: g= 979 505.66 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is located in Griffin, Georgia at the U. S. Post Office Building at the intersection of North Eighth Street and West Soloman Street on the west end of the porch behind the far west column and next to the pilaster, on the south face of the building. (1)



(1)

REFERENCE SOURCE

(1) 03033

12/3

ACIC HQ FORM FEB 69 0-415

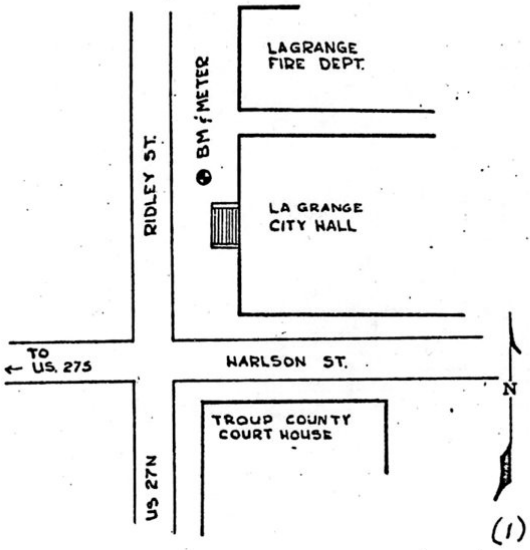
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
33° 02.44'N (1)	
LONGITUDE	
85° 01.8'W (1)	LA GRANGE
ELEVATION	**COUNTRY/STATE**
235.77 METERS (1)	USA/Georgia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3246-1		g= 979 484.41 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is located in LaGrange, Georgia at the City Hall Building, one city block from U. S. Highway No. 27, southeast along Harlson Street at its intersection with Ridley Street, on the front lawn, 14 feet north of centerline of sidewalk, 8 feet west of the west face of building; meter was read on concrete monument benchmark "LaGrange No. 2" 1933. (1)



REFERENCE SOURCE

(1) 03033

ACIC HQ FORM FEB 69 0-415

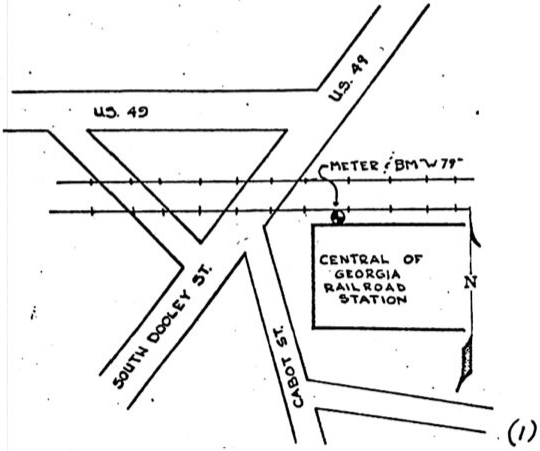
1214

GRAVITY BASE STATION

LATITUDE 32° 15.9'N (1)	STATION DESIGNATION
LONGITUDE 84° 01.2'W (1)	MONTEZUMA
ELEVATION 87.85 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS: ACIC 3247-1	ADOPTED GRAVITY VALUE: g= 979 520.30 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is located in Montezuma, Georgia at the Central of Georgia Railroad Station and Montezuma Police Department, at the intersection of South Dooley and Cabot Streets, at the north side of the station, about 9 feet east from the northwest corner on the walk directly below BM W 79. (1)



REFERENCE SOURCE

(1) 03033

1215

ACIC HQ FORM FEB 69 O-415

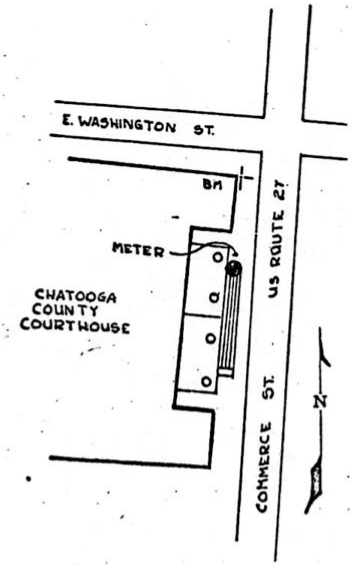
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
34° 28.8'N (1)	
LONGITUDE	
85° 20.7'W (1)	SUMMERVILLE
ELEVATION	COUNTRY/STATE
198.86 METERS (1)	USA/Georgia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3248-1		g= 979 634.67 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is located in Summerville, Georgia at the intersection of East Washington Street and Commerce Street (U. S. route no. 27). (1)



(1)

REFERENCE SOURCE

(1) 03033

ACIC HQ FORM FEB 69 0-415

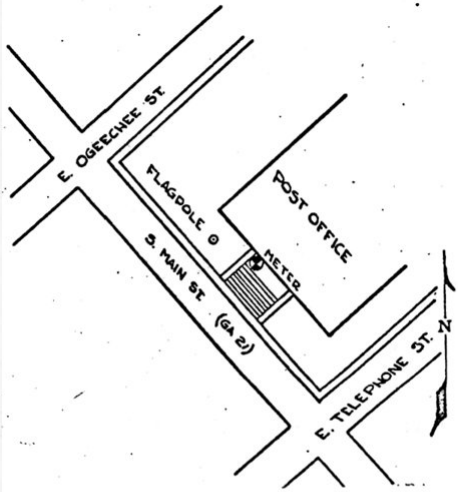
1216

GRAVITY BASE STATION

LATITUDE 32° 45.0'N (1)	STATION DESIGNATION
LONGITUDE 81° 38.3'W (1)	SYLVANIA
ELEVATION 71.99 METERS (1)	COUNTRY/STATE USA/Georgia
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 3249-1	g= 979 539.72 mgals
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at Post Office in Sylvania, Georgia, along Georgia Highway 21 (South Main Street), at the intersection of East Telephone Street, and Main Street; at the main entrance, on the northwest concrete area, about 2 feet from the door, 1 foot away from the exterior building. (1)



(1)

REFERENCE SOURCE

(1) 03033

1217

ACIC HQ FORM FEB 69 O-415

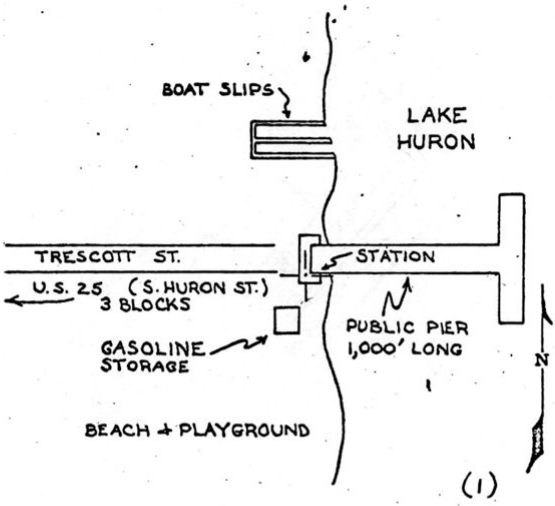
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
43° 50.4'N (1)	
LONGITUDE	
82° 38.8'W (1)	HARBOR BEACH
ELEVATION	COUNTRY/STATE
177.1 METERS (1)	USA/Michigan

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3250-1		g= 980 464.38 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/68

DESCRIPTION AND/OR SKETCH

Station is located at the west end of the 1,000 ft. long public pier at the east end of Trescott St. in Harbor Beach, Michigan. Meter read on top of the concrete wall on the southwest corner of the pier. (1)



REFERENCE SOURCE

(1) 03036

ACIC HQ FORM FEB 69 0-415

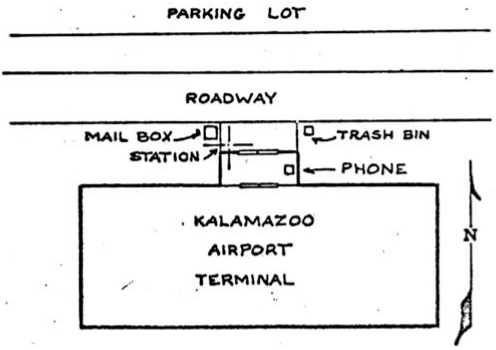
1218

GRAVITY BASE STATION

LATITUDE 42° 15.0'N (1)	STATION DESIGNATION
LONGITUDE 85° 39.0'W (1)	KALAMAZOO
ELEVATION 265.8 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 3251-1	ADOPTED GRAVITY VALUE: g= 980 314.62 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Kalamazoo Municipal Airport, at the north entrance to the terminal building, 5 Ft. west of the centerline of the doubledoors and 4 ft. southeast of a mailbox. (1)



(1)

REFERENCE SOURCE

(1) 03036

1219

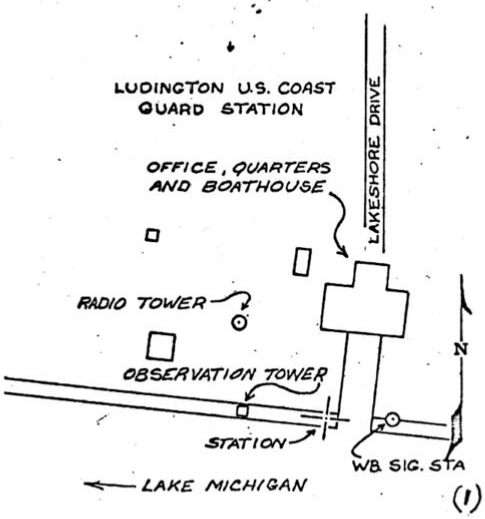
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 57.16'N (1)	STATION DESIGNATION LUDINGTON
LONGITUDE 86° 27.56'W (1)	
ELEVATION 177.4 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS ACIC 3252-2	ADOPTED GRAVITY VALUE g= 980 457.68 mgals
	ESTIMATED ACCURACY ± 0.1 mgals
	DATE MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the U. S. Coast Guard Station in Ludington, Michigan at the south end of Lakeshore Dr. Meter read on the concrete pier wall, 10 ft. west of the boat slip and 40 ft. east of an observation tower. (1)



REFERENCE SOURCE

(1) 03036

ACIC HQ FORM FEB 69 0-415

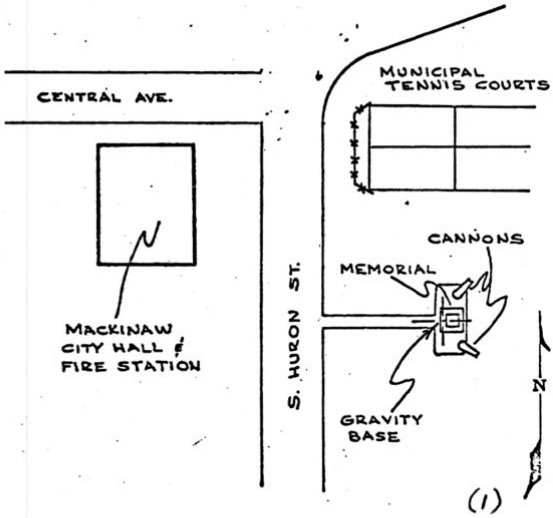
1220

GRAVITY BASE STATION

LATITUDE 45° 46.9'N (1)	STATION DESIGNATION
LONGITUDE 84° 43.5'W (1)	MACKINAC CITY
ELEVATION 179.8 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 3253-1	ADOPTED GRAVITY VALUE: g= 980 652.28 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Mackinaw City, Michigan at the intersection of Central Ave. and S. Huron St. Meter read on the west side of a memorial located on the east side of S. Huron St., across the street from the Mackinaw City hall. (1)



REFERENCE SOURCE

(1) 03036

1221

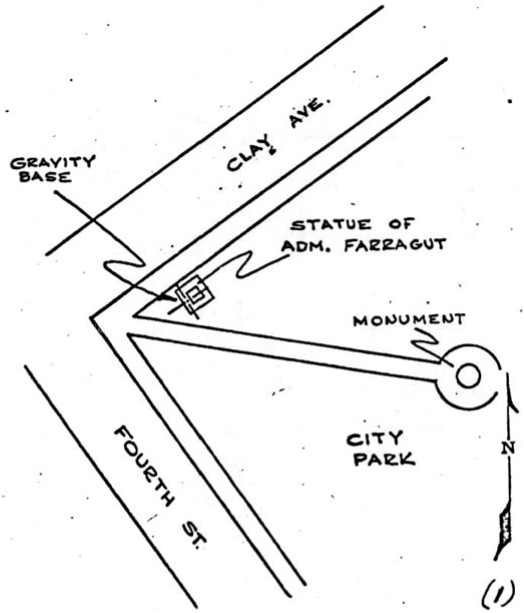
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 14.02'N (1)	STATION DESIGNATION
LONGITUDE 86° 15.20'W (1)	MUSKEGON
ELEVATION 185.9 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 3254-2	ADOPTED GRAVITY VALUE: g = 980 420.23 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in the city of Muskegon, Michigan at the city park, at the intersection of Clay Ave. and Fourth St. Meter read on the west side of the base of a statue of Admiral Farragut, located in the west corner of the park, 70 ft. east of the intersection of Fourth and Clay. (1)



REFERENCE SOURCE

(1) 03036

ACIC HQ FORM FEB 69 0-415

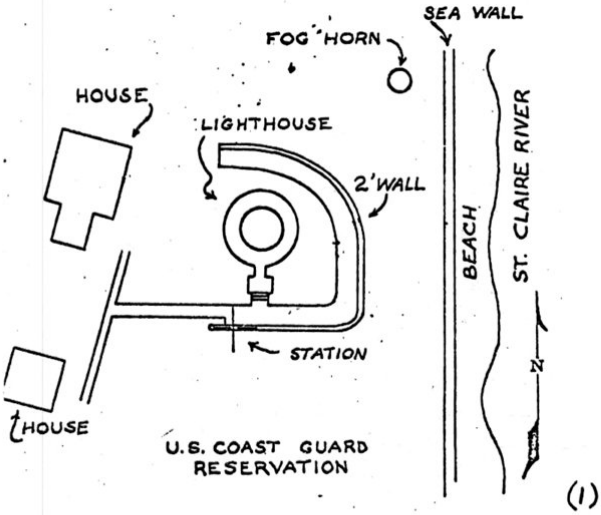
1222

GRAVITY BASE STATION

LATITUDE 43° 00.38'N (1)	STATION DESIGNATION PORT HURON
LONGITUDE 82° 25.35'W (1)	
ELEVATION 178.9 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 3255-1	ADOPTED GRAVITY VALUE: g= 980 389.08 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the U. S. Coast Guard station in Port Huron, Michigan. Meter read on top of 1.5 ft. wall at the southwest side of the Fort Gratiot lighthouse, directly on top of a U. S. Lake Survey Reference Mark disk. (1)



(1)

REFERENCE SOURCE

(1) 03036

1223

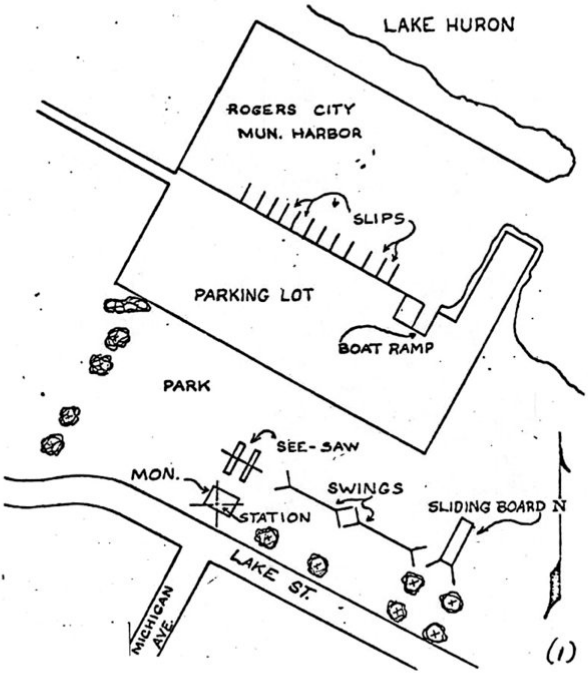
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 45° 25.3'N (1)	STATION DESIGNATION ROGERS CITY
LONGITUDE 83° 48.8'W (1)	
ELEVATION 178.9 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 3256-1	ADOPTED GRAVITY VALUE: g= 980 577.89 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Rogers City, Michigan at the public harbor. Meter read on the concrete base of a monument. Monument is located in the park about 60 ft. northeast of the centerline of Lake St. at the "T" intersection with Michigan Ave. (1)



REFERENCE SOURCE

(1) 03036

ACIC HQ FORM O-415

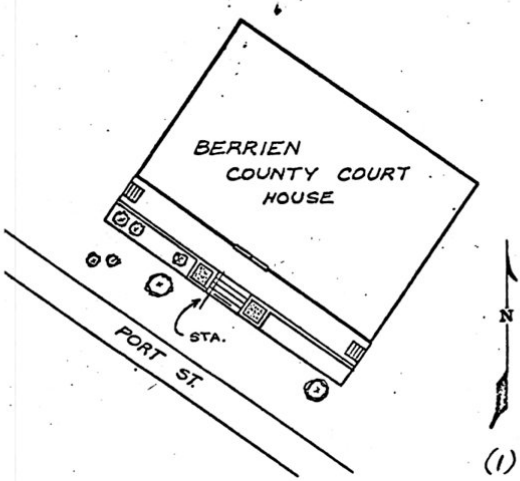
1224

GRAVITY BASE STATION

LATITUDE 42° 06.60'N (1)	STATION DESIGNATION
LONGITUDE 86° 28.62'W (1)	ST. JOSEPH
ELEVATION 190.5 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 3257-2	ADOPTED GRAVITY VALUE: g= 980 299.82 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in St. Joseph, Michigan, at the Berrien County Court House located on the north side of Port St., between Court and Church Streets. Meter read on the northwest end on the bottom step to the court house. (1)



(1)

REFERENCE SOURCE

(1) 03036

1225

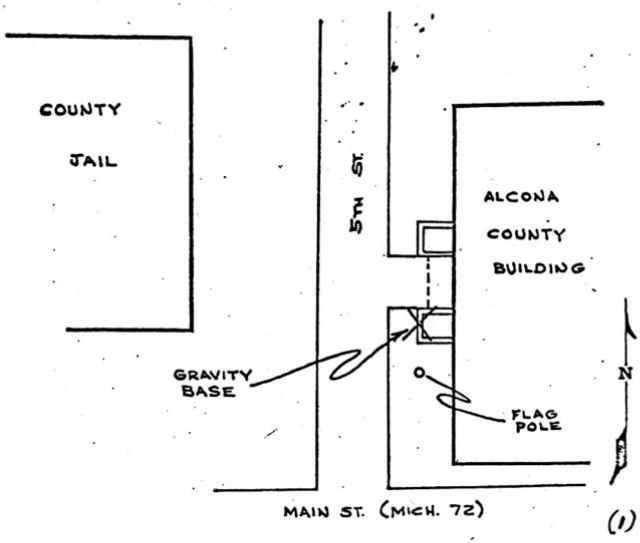
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 44° 39.4'N (1)	STATION DESIGNATION
LONGITUDE 83° 17.8'W (1)	HARRISVILLE
ELEVATION 195.1 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 3258-2	ADOPTED GRAVITY VALUE: g= 980 523.74 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Harrisville, Michigan at the Alcona County building on the northeast corner of the "T" intersection of Main St. (Mich 72) and 5th St. Meter read on top of a 3 ft. wall surrounding a plant box at the west entrance to the building. (1)



REFERENCE SOURCE

(1) 03036

ACIC HQ FORM FEB 69 0-415

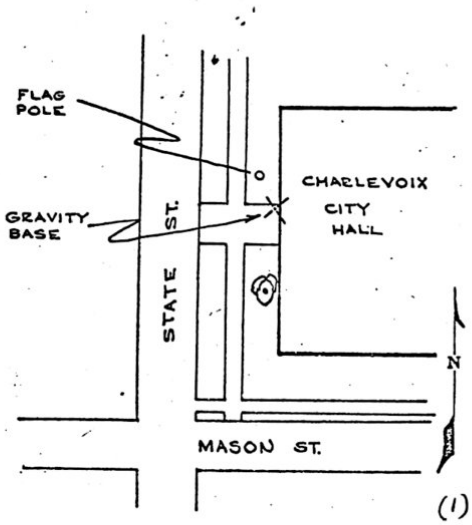
1226

GRAVITY BASE STATION

LATITUDE 45° 19.0'N (1)	STATION DESIGNATION CHARLEVOIX
LONGITUDE 85° 15.6'W (1)	
ELEVATION 185.9 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 3261-1	ADOPTED GRAVITY VALUE: g= 980 598.68 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located on the north end of the concrete porch at the west entrance to the city hall at Charlevoix, Michigan. City hall is located on the northeast corner of the intersection of Mason and State Streets. (1)



REFERENCE SOURCE

(1) 03036

1229

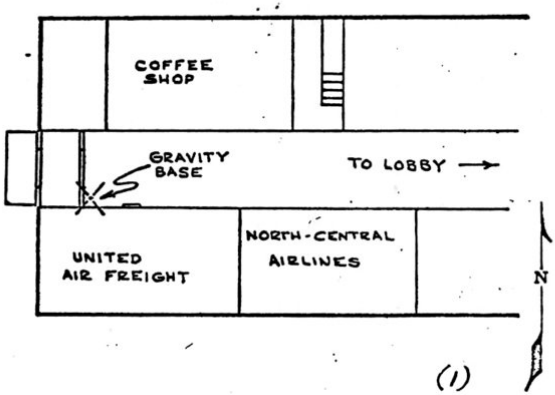
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 58.0'N (1)	STATION DESIGNATION
LONGITUDE 83° 44.5'W (1)	FLINT
ELEVATION 238.0 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 3262-1	ADOPTED GRAVITY VALUE: g = 980 371.32 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Bishop (Flint) Airport Terminal, inside the building at the west end of the hallway. Meter read on the floor, inside the double doors at the west entrance; one ft. north of wall and 4 ft. west of a door. (1)



(1)

REFERENCE SOURCE

(1) 03035

ACIC HQ FORM FEB 69 0-415

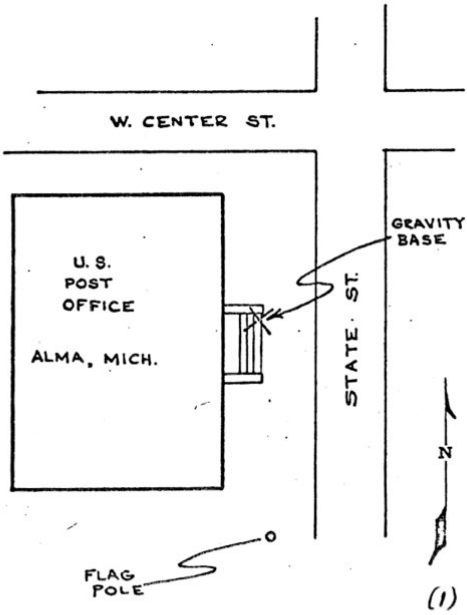
1230

GRAVITY BASE STATION

LATITUDE 43° 22.7'N (1)	STATION DESIGNATION
LONGITUDE 84° 34.7'W (1)	ALMA
ELEVATION 222.5 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 3259-1	ADOPTED GRAVITY VALUE: g= 980 436.98 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the U. S. Post Office in Alma, Michigan at the southwest corner of the intersection of W. Center and State Streets. Meter read on the north side of the bottom step at the east entrance to the post office. (1)



REFERENCE SOURCE

(1) 03036

1227

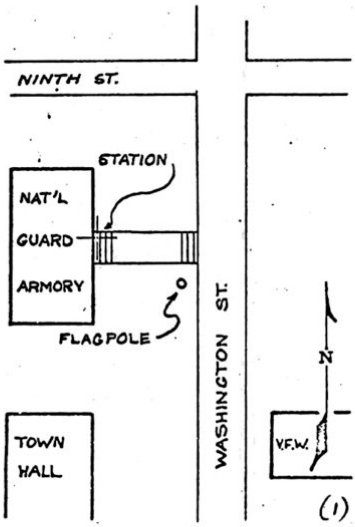
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 35.63'N (1)	STATION DESIGNATION
LONGITUDE 83° 53.32'W (1)	BAY CITY
ELEVATION METERS	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 3260-1	ADOPTED GRAVITY VALUE: g= 980 433.31 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located on the north side of the top step to the east entrance of the National Guard Armory in Bay City, Michigan. Armory is located on the southwest corner of the intersection of Washington and Ninth Streets. (1)



REFERENCE SOURCE

(1) 03036

ACIC HQ FORM FEB 69 0-415

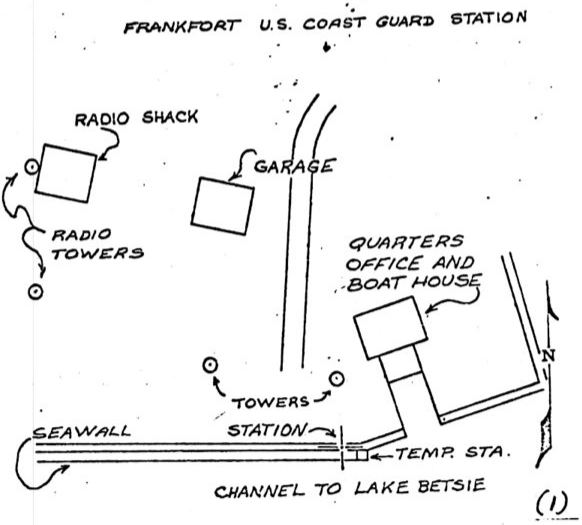
1228

GRAVITY BASE STATION

LATITUDE 44° 37.8'N (1)	STATION DESIGNATION FRANKFORD
LONGITUDE 86° 14.6'W (1)	
ELEVATION 177.7 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 3263-1	ADOPTED GRAVITY VALUE: g= 980 532.78 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the U. S. Coast Guard station in Frankford, Michigan. Meter read on top of an 18" concrete wall at the pier edge about 3 ft. west of a weather temperature station. (1)



REFERENCE SOURCE

(1) 03036

1231.

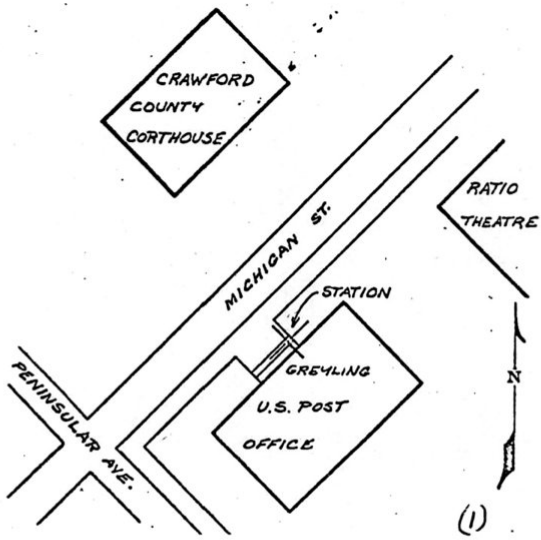
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 44° 39.7'N (1)	STATION DESIGNATION
LONGITUDE 84° 42.8'W (1)	GRAYLING
ELEVATION 347.5 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 3264-1	ADOPTED GRAVITY VALUE: g= 980 490.57 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals / DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located on the north edge of the bottom step to the U. S. Post Office at Grayling, Michigan. The post office is located on the east corner of the intersection of Michigan and Peninsular Streets, one block northeast of Interstate route 75 (Business). (1)



REFERENCE SOURCE

(1) 03036

ACIC HQ FORM FEB 69 0-415

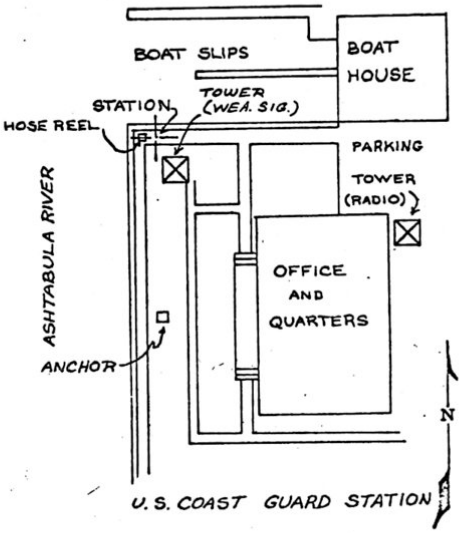
1232

GRAVITY BASE STATION

LATITUDE 41° 54.14'N (1)	STATION DESIGNATION ASHTABULA
LONGITUDE 80° 47.81'W (1)	
ELEVATION 175.9 METERS (1)	COUNTRY/STATE USA/Ohio
REFERENCE CODE NUMBERS: ACIC 3265-1	ADOPTED GRAVITY VALUE: g= 980 278.99 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the U. S. Coast Guard Station at Ashtabula, Ohio on the East bank of the Ashtabula River, at the northwest end of Front Avenue. Meter read on the concrete walk at the southwest corner of the Coast Guard boat slips, 2 feet east of a water hose rack and 4 feet north of the northwest leg of the weather signal tower. (1)



(1)

REFERENCE SOURCE

(1) 03036

1233

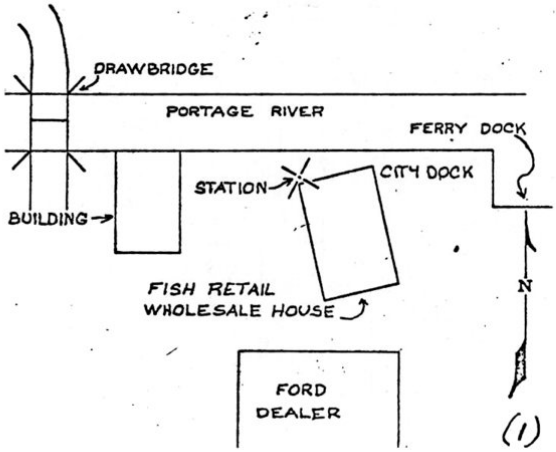
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 41° 30.88'N (1)	STATION DESIGNATION PORT CLINTON
LONGITUDE 82° 57.20'W (1)	
ELEVATION 175.3 METERS (1)	COUNTRY/STATE USA/Ohio
REFERENCE CODE NUMBERS: ACIC 3266-1	ADOPTED GRAVITY VALUE: g= 980 227.05 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Port Clinton, Ohio at the city dock about 150 feet west of the ferry boat landing. Meter road at the northwest corner of a fish retail house, on the concrete ground, 3 feet north of the north wall and 15 feet south of the dock's edge. (1)



REFERENCE SOURCE

(1) 03036

ACIC HQ FORM FEB 69 0-415

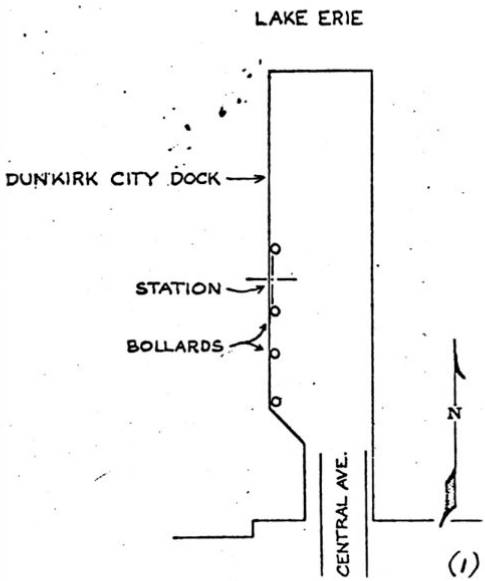
1234

GRAVITY BASE STATION

LATITUDE 42° 29.35'N (1)	STATION DESIGNATION DUNKIRK
LONGITUDE 79° 20.18'W (1)	
ELEVATION 175.6 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3267-1	ADOPTED GRAVITY VALUE: g = 980 316.28 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located in the city of Dunkirk, New York at the Dunkirk city dock at the north end of Central Avenue. Meter read on the concrete walk at the west side of the dock, midway between the third and fourth bollards from the south end of the dock. (1)



REFERENCE SOURCE

(1) 03036

1235

ACIC HQ FORM FEB 69 0-415

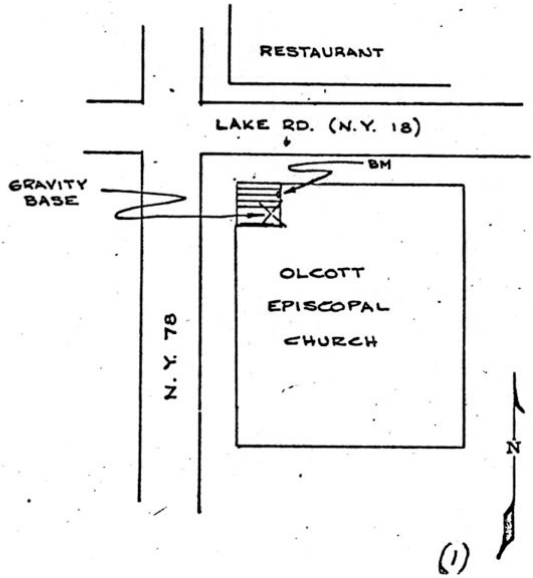
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
43° 20.3'N (1)	
LONGITUDE	
78° 42.9'W (1)	OLCOTT
ELEVATION	COUNTRY/STATE
84.52 METERS (1)	USA/New York

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3268-1		g= 980 425.88 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Olcott, New York at the Olcott Episcopal Church on the southeast corner of the jct. of state routes 18 and 78. Meter read on the top step to the north entrance of the church. (1)



REFERENCE SOURCE

(1) 03036

ACIC HQ FORM FEB 69 O-415

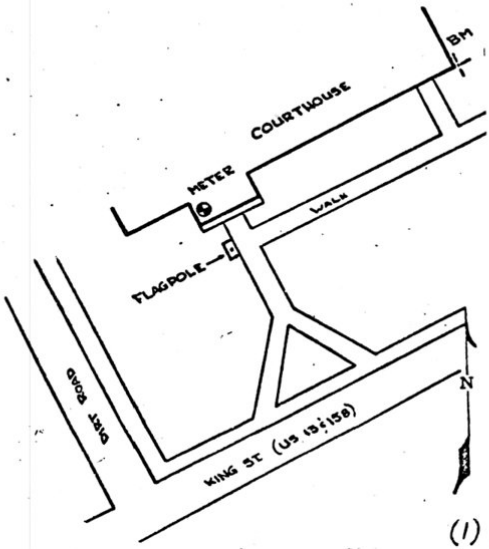
1236

GRAVITY BASE STATION

LATITUDE 36° 23.8'N (1)	STATION DESIGNATION WINTON
LONGITUDE 76° 55.9'W (1)	
ELEVATION 13.6 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3270-1	ADOPTED GRAVITY VALUE: g= 979 861.73 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at the courthouse in Winton, N. C., along U. S. 158 & 13, about 0.2 mile northeast of Chowen River; at main entrance; 6 feet southwest of door. BM is northeast corner of the building. (1)



(1)

REFERENCE SOURCE

(1) 03032

1237

ACIC HQ FORM FEB 69 0-415

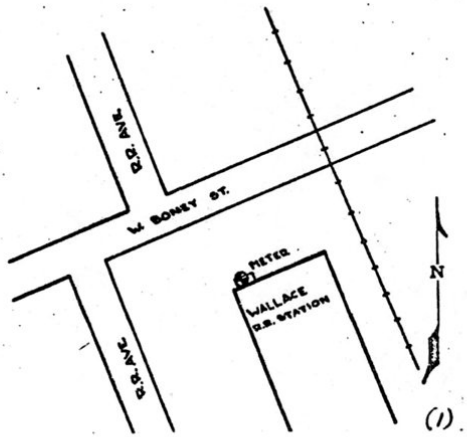
GRAVITY BASE STATION

LATITUDE 34° 44.1'N (1)	STATION DESIGNATION
LONGITUDE 77° 59.8'W (1)	WALLACE
ELEVATION 18.3 METERS (1)	COUNTRY/STATE USA/North Carolina

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3271-1		g= 979 698.66 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at railroad station in Wallace, N. C., 0.2 mile west along Railroad Street from the junction of U. S. 117, at Boney Street to South Railroad Street, at north entrance, or the first on bottom concrete step. (1)



(1)

REFERENCE SOURCE

(1) 03032

ACIC HQ FORM FEB 69 0-415

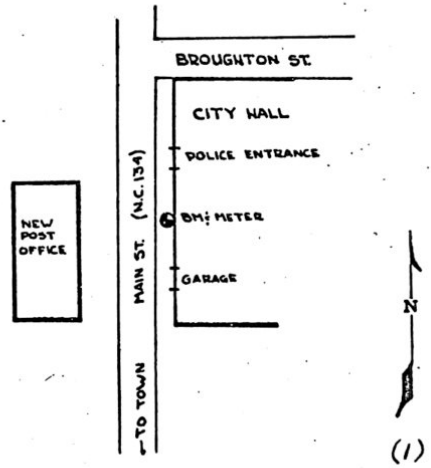
1238

GRAVITY BASE STATION

LATITUDE 35° 21.9'N (1)	STATION DESIGNATION
LONGITUDE 79° 53.7'W (1)	TROY
ELEVATION 190.58 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3272-1	ADOPTED GRAVITY VALUE: g= 979 746.50 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at Troy, on Main Street (N. C. 134), at the front wall of the city hall, 20 feet south of main entrance to Police Office. BM is set vertically about 2 feet above the sidewalk; meter read on concrete sidewalk. (1)



(1)

REFERENCE SOURCE

(1) 03034

1239

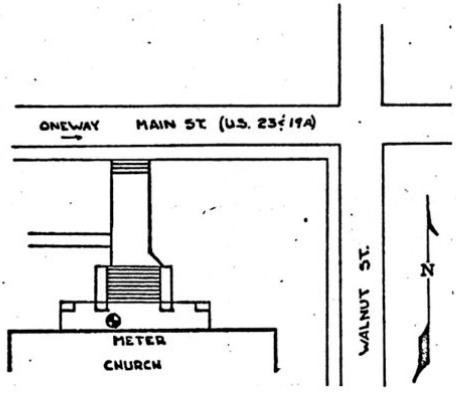
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 35° 22.4'N (1)	STATION DESIGNATION
LONGITUDE 83° 13.5'W (1)	SYLVA
ELEVATION 634.0 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3273-1	ADOPTED GRAVITY VALUE: g= 979 593.79 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at First Baptist Church, in Sylva, N. C. along Main Street (U. S. Highway 23 & 19A); at intersection of Main Street & Walnut Street; at the main entrance door; about 1 foot west of door, and on the concrete porch area. (1)



(1)

REFERENCE SOURCE

(1) 03032

ACIC HQ FORM FEB 69 0-415

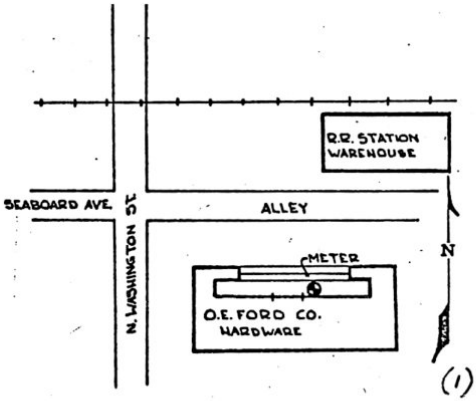
1240

GRAVITY BASE STATION

LATITUDE 35° 17.9'N (1)	STATION DESIGNATION
LONGITUDE 81° 32.2'W (1)	SHELBY
ELEVATION 259.7 METERS (1)	COUNTRY/STATE US./North Carolina
REFERENCE CODE NUMBERS: ACIC 3275-1	ADOPTED GRAVITY VALUE: g= 979 672.02 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at O. E. Ford Co. (Builders Supplies) across the alley to former railroad station (now warehouse) in Shelby, N. C., 0.1 mile east along Seaboard Avenue from the junction of N. C. 18 (North Lafayette), at North Washington Street & Seaboard Avenue; at north entrance to Ford Supplies, 9 feet east of the door, 1 foot away from the exterior wall, on the concrete area. (1)



REFERENCE SOURCE

(1) 03032

1241

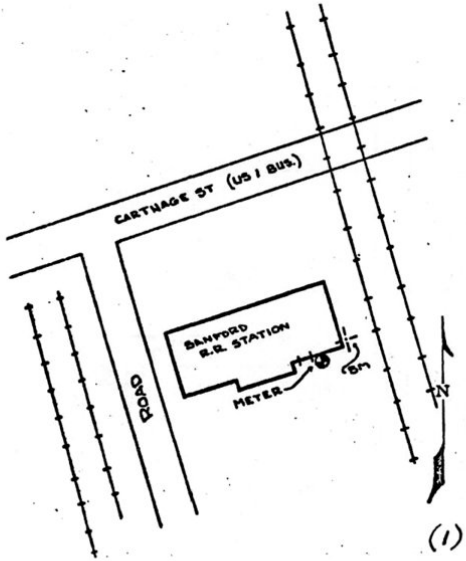
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 35° 29.0'N (1)	STATION DESIGNATION
LONGITUDE 79° 10.7'W (1)	SANFORD
ELEVATION 111.59 METERS	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3276-1	ADOPTED GRAVITY VALUE: g= 979 775.09 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at railroad station in Sanford, N. C. along U. S. Highway 1 (Business) (Carthage Street), 12 feet east of southeast entrance to waiting room on the concrete entrance walk to the Western Union. BM is on east side of building, and is 9 feet east of the gravity station. (1)



(1)

REFERENCE SOURCE

(1) 03032

ACIC HQ FORM FEB 49 0-415

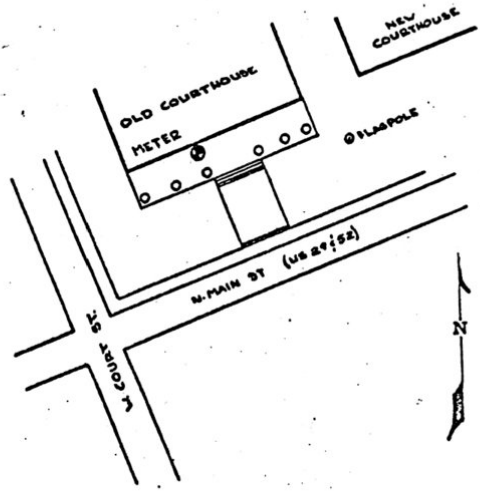
1242

GRAVITY BASE STATION

LATITUDE 35° 40.1'N (1)	STATION DESIGNATION SALISBURY
LONGITUDE 80° 28.1'W (1)	
ELEVATION 232.9 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3277-1	ADOPTED GRAVITY VALUE: g= 979 747.15 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at old courthouse, in Salisbury, N. C., at the intersection of North Main Street (U. S. Highway 29 & 52) and Council Street, about 5 feet southwest of the entrance, 1 foot away from the exterior wall of the building, and on the concrete area. BM destroyed. (1)



(1)

REFERENCE SOURCE

(1) 03032

1243

ACIC HQ FORM FEB 69 0-415

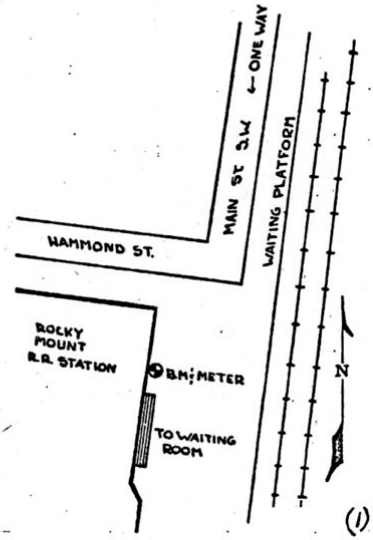
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
35° 56.3'N (1)	
LONGITUDE	
77° 47.9'W (1)	ROCKY MOUNT
ELEVATION	COUNTRY/STATE
35.68 METERS (1)	USA/North Carolina

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3278-1		g= 979 792.84 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is directly 4 feet below the level of BM, at Rocky Mount, The Atlantic Coast Line Railroad passenger station, at Main Street southwest, and Hammond Street, 10 feet north of the east doorway to the white waiting room, 2 feet away from the exterior wall, on the concrete walk. (1)



REFERENCE SOURCE

(1) 03032

ACIC HQ FORM FEB 69 O-415

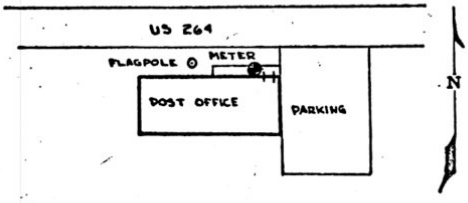
1244

GRAVITY BASE STATION

LATITUDE 35° 35.3'N (1)	STATION DESIGNATION
LONGITUDE 76° 39.5'W (1)	PANTEGO
ELEVATION 3.4 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3280-1	ADOPTED GRAVITY VALUE: g= 979 792.34 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at Pantego Post Office, N. C.; 0.3 mile east along U. S. Highway 264 from junction of N. C. Highway 99, 6 feet west of the entrance, on the concrete walk. (1)



(1)

REFERENCE SOURCE

(1) 03032

1245

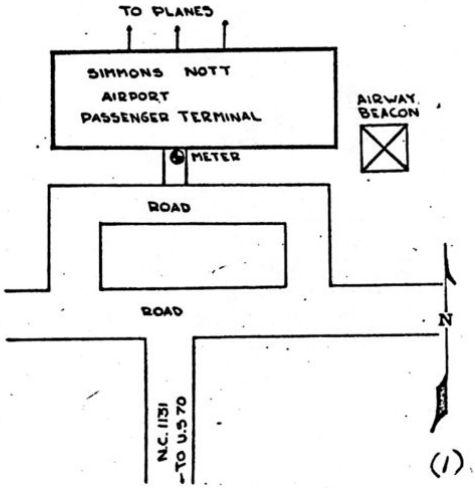
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 35° 04.5'N (1)	STATION DESIGNATION
LONGITUDE 77° 02.4'W (1)	NEW BERN
ELEVATION 5.5 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3281-1	ADOPTED GRAVITY VALUE: g= 979 727.86 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

New E. C. C. L. Station is at Simmons-Nott Ap in New Bern, N. C. 0.8 mile west along county road 1131 from the junction of U. S. Highway 70; at east (street) entrance 3 feet north of the door and 1 foot away from the exterior wall of the building. (1)



REFERENCE SOURCE

(1) 03032

ACIC HQ FORM FEB 69 0-415

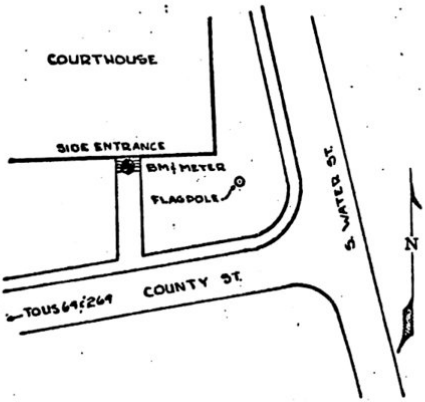
1246

GRAVITY BASE STATION

LATITUDE 35° 54.6'N (1)	STATION DESIGNATION MANTEO
LONGITUDE 75° 40.2'W (1)	
ELEVATION 1.5 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3282-1	ADOPTED GRAVITY VALUE: g= 979 789.25 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is on top of BM at courthouse in Manteo, about 0.4 mile east along County Street from the junction of U. S. 64 & 264; at County Street and South Water Street; at south entrance, on the east end of the 1st step. (1)



(1)

REFERENCE SOURCE

(1) 03032

1247

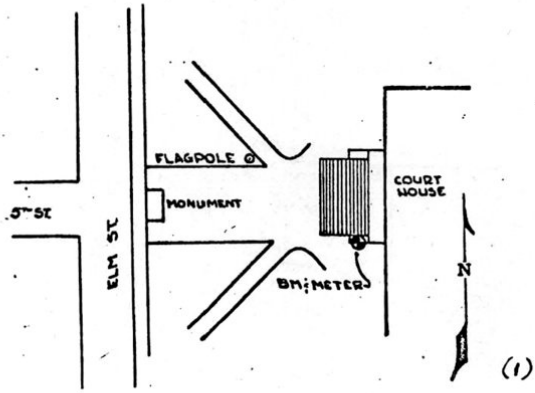
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 34° 37.3'N (1)	STATION DESIGNATION LUMBERTON
LONGITUDE 79° 37.3'W (1)	
ELEVATION 43.51 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3284-1	ADOPTED GRAVITY VALUE: g = 979 676.51 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at the courthouse, in Lumberton, N. C.; at Elm Street and 5th Street; at the west entrance to the county courthouse, in the top of the coping at the south end of the front steps, and at the base of the southernmost column supporting the canopy over the entrance. Meter read on the top of BM. (1)



REFERENCE SOURCE

(1) 03032

ACIC HQ FORM FEB 69 O-415

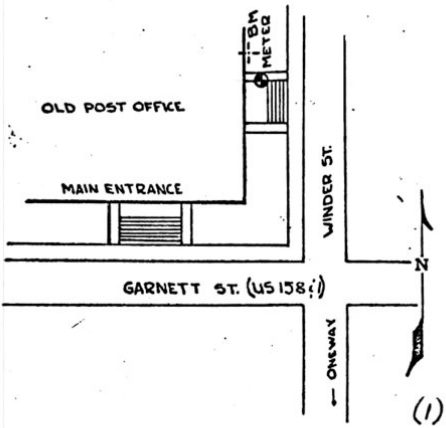
1248

GRAVITY BASE STATION

LATITUDE 36° 19.6'N (1)	STATION DESIGNATION HENDERSON
LONGITUDE 78° 24.3'W (1)	
ELEVATION 155.79 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3287-1	ADOPTED GRAVITY VALUE: g = 979 813.04 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at the northeast corner of the retaining wall; in the east side entrance of the old (formerly) post office building in Henderson, N. C. BM is about 10 feet north from the meter, on the base of a pilaster and about 4 feet higher than the ground. Old Post Office is at intersection of Garnett Street (U. S. 158 and U. S. 1) and Winder Street. (1)



REFERENCE SOURCE

(1) 03032

1249

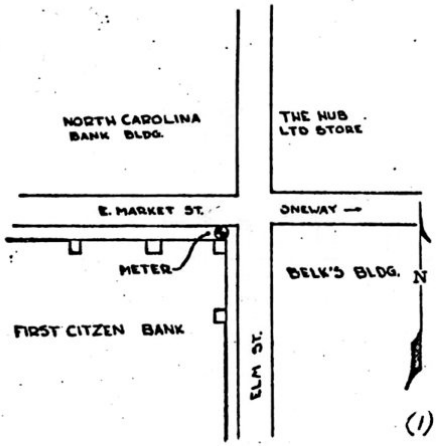
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 36° 04.4'N (1)	STATION DESIGNATION GREENSBORO
LONGITUDE 79° 47.4'W (1)	COUNTRY/STATE USA/North Carolina
ELEVATION 255.4 METERS (1)	
REFERENCE CODE NUMBERS: ACIC 3289-1	ADOPTED GRAVITY VALUE: g= 979 801.96 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at First Citizen Bank Plaza in Greensboro, at West Market Street and 9 feet southwest of the southwest corner of the curb, 1 foot away from the column, on the sidewalk. (1)



REFERENCE SOURCE

(1) 03032

ACIC HQ FORM FEB 69 0-415

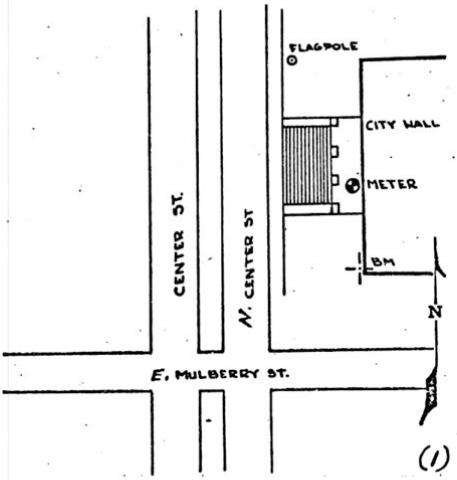
1250

GRAVITY BASE STATION

LATITUDE 35° 23.3'N (1)	STATION DESIGNATION
LONGITUDE 78° 00.0'W (1)	GOLDSBORO
ELEVATION 34.76 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3290-1	ADOPTED GRAVITY VALUE: g= 979 761.31 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is 15 feet north of BM, at the City Hall in Goldsboro, N. C., 0.2 mile south along East Mulberry Street from the junction of U. S. 117 and 70, at East Mulberry Street and North Center Street, 5 feet south of entrance to the City Hall. (1)



REFERENCE SOURCE

(1) 03032

1251

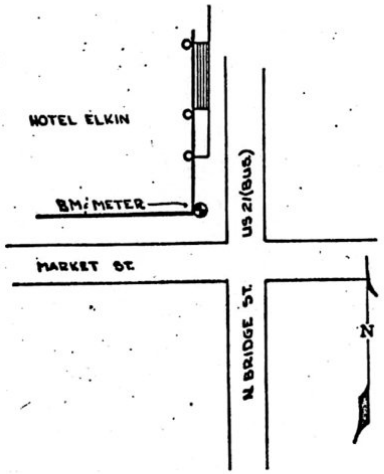
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 36° 14.7'N (1)	STATION DESIGNATION
LONGITUDE 80° 50.9'W (1)	ELKIN
ELEVATION 282.06 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3291-1	ADOPTED GRAVITY VALUE: g= 979 699.20 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is directly 3.5 feet below the level of BM at Hotel Elkin in Elkin, N. C. along U. S. 21 (Business Route) South and N. C. 268, at North Bridge Street and Market Street; at southeast corner of the hotel, on the concrete walk. (1)



(1)

REFERENCE SOURCE

(1) 03032

ACIC HQ FORM FEB 69 0-415

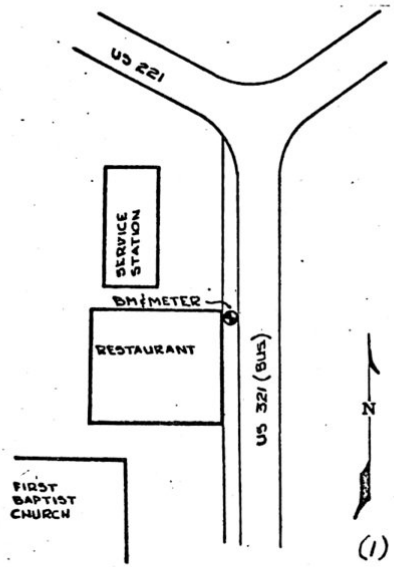
1252

GRAVITY BASE STATION

LATITUDE 36° 08.1'N (1)	STATION DESIGNATION BLOWING ROCK
LONGITUDE 81° 40.7'W (1)	
ELEVATION 1089.7 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3293-1	ADOPTED GRAVITY VALUE: g= 979 528.93 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at Parkway Restaurant (formerly post office) in Blowing Rock, N. C. at U. S. (business route) 321 and 150 feet south of the junction of U. S. 221; 6 feet north of the door, on the concrete walk. Gravity station is directly 3.5 feet below the level of BM. (1)



REFERENCE SOURCE

(1) 03032

1253

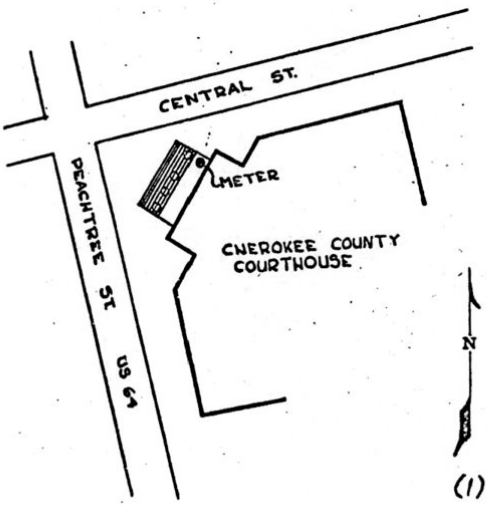
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 35° 05.2'N (1)	STATION DESIGNATION
LONGITUDE 84° 02.0'W (1)	MURPHY
ELEVATION METERS	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 3320-1	ADOPTED GRAVITY VALUE: g= 979 609.10 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is located in Murphy, North Carolina along U. S. Highway 64 at the Cherokee County Courthouse at the intersection of Peachtree Street and Central Street on the porch at the northeast corner in front of the pilasters. (1)



(1)

REFERENCE SOURCE

(1) 03033

ACIC HQ FORM FEB 69 O-415

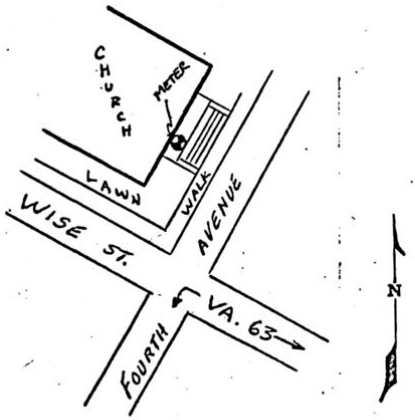
1254

GRAVITY BASE STATION

LATITUDE 36° 54.4'N (1)	STATION DESIGNATION
LONGITUDE 82° 18.7'W (1)	ST. PAUL
ELEVATION 463.3 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 3321-1	ADOPTED GRAVITY VALUE: g= 979 752.25 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located in St. Paul, Va. on the northwest corner of the intersection of Wise St. and Fourth Ave. (Va 63). Meter read on the top step, 3 ft. southwest of the main entrance. (1)



(1)

REFERENCE SOURCE

(1) 02750

1255

ACIC HQ FORM FEB 69 O-415

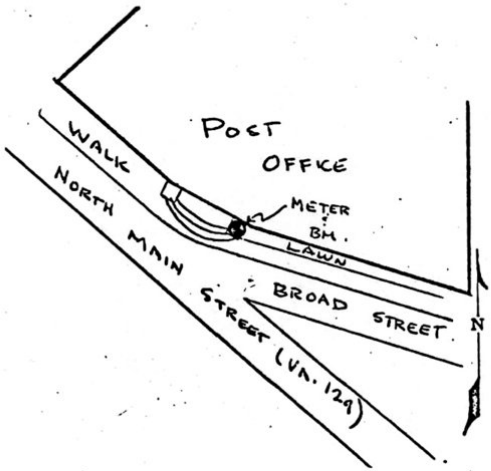
GRAVITY BASE STATION

LATITUDE 36° 42.0'N (1)	STATION DESIGNATION
LONGITUDE 78° 54.0'W (1)	SOUTH BOSTON
ELEVATION 124.11 METERS (1)	COUNTRY/STATE USA/Virginia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3323-1		g= 979 875.22 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in South Boston, Va. at the U. S. Post Office at the "Y" junction of N. Main St. (Va 129) and Broad St. Meter read directly on top of the BM Disk located on top of the southeast portico, 21 ft. southeast of the main entrance to the post office. (1)



(1)

REFERENCE SOURCE

(1) 02750

ACIC HQ FORM FEB 69 0-415

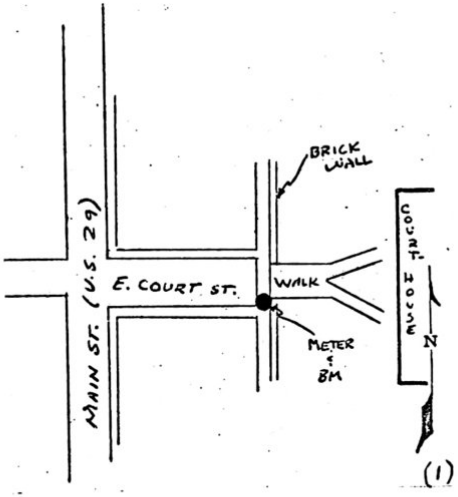
1256

GRAVITY BASE STATION

LATITUDE 37° 35.1'N (1)	STATION DESIGNATION AMHERST
LONGITUDE 79° 03.1'W (1)	
ELEVATION 233.42 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 3325-1	ADOPTED GRAVITY VALUE: g= 979 892.51 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is in the town of Amherst, Va. at the county courthouse, 0.1 mile east along Court St. from the junction of U. S. highway 29 (Main St.). Meter read directly over BM disk embedded in the sidewalk, 80 ft. west of the front door to the courthouse, and 4 inches west of a brick wall at the south side of the courthouse yard entrance. (1)



REFERENCE SOURCE

(1) 02750

1257

ACIC HQ FORM FEB 69 0-415

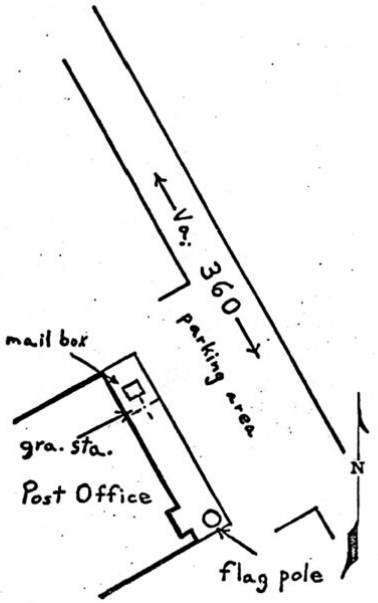
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
37° 53.0'N (1)	
LONGITUDE	
76° 20.8'W (1)	BURGESS
ELEVATION	COUNTRY/STATE
30.5 METERS (1)	USA/Virginia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3326-1		g= 979 964.13 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located on concrete walk outside U. S. Post Office in Burgess, Virginia on state route 360, at north corner of the building; 1 foot southeast of a mail box and 3 feet northeast of the wall. (1)



(1)

REFERENCE SOURCE

(1) 02750

ACIC HQ FORM FEB 69 0-415

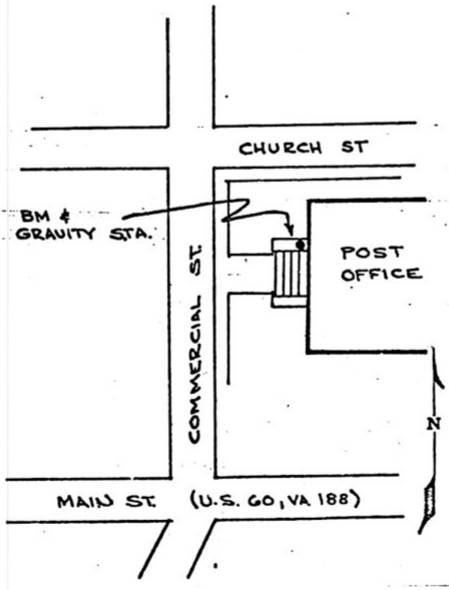
1258

GRAVITY BASE STATION

LATITUDE 37° 49.0'N (1)	STATION DESIGNATION
LONGITUDE 79° 49.6'W (1)	CLIFTON FORGE
ELEVATION 328.96 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 3329-1	ADOPTED GRAVITY VALUE: g= 979 847.03 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Clifton Forge, Va. at the U. S. Post Office on Commercial St., 0.1 mile north on intersection with U. S. highway 60. Meter read on the BM disk on top of the northeast end of the granite coping at the main entrance to the building. (1)



(1)

REFERENCE SOURCE

(1) 02750

1259

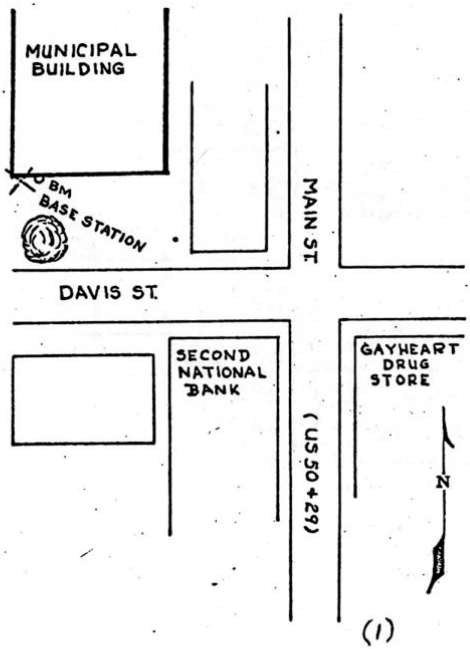
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 38° 28.4'N (1)	STATION DESIGNATION CULPEPER
LONGITUDE 77° 59.8'W (1)	
ELEVATION 129.60 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 3330-1	ADOPTED GRAVITY VALUE: g= 980 024.27 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located on the concrete ground at the southwest corner of the municipal building in Culpeper, Virginia, 150 ft. west-north-west of the intersection of Main (U. S. 50 & 29) and Davis Streets. Meter read on the ground 4.75 ft. below BM set in the face of the building. (1)



(1)

REFERENCE SOURCE

(1) 02750

ACIC HQ FORM FEB 69 0-415

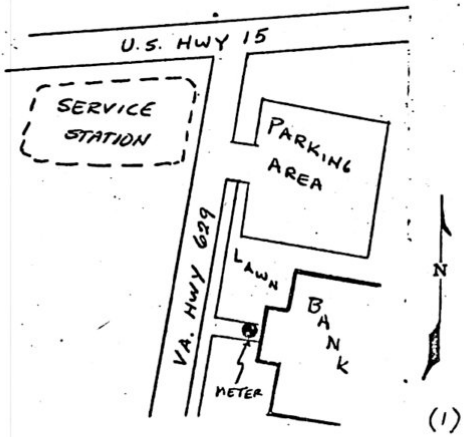
1260

GRAVITY BASE STATION

LATITUDE 37° 33.2'N (1)	STATION DESIGNATION
LONGITUDE 78° 29.1'W (1)	DILLWYN
ELEVATION 198.12 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 3331-1	ADOPTED GRAVITY VALUE: g= 979 940.53 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Dillwyn, Va. at the Virginia National Bank, 0.1 mile south along Va. 629 from the junction of U. S. 15. Meter read on the concrete walk, 2 ft. northwest of the main entrance and 1 ft. west of the wall. (1)



(1)

REFERENCE SOURCE

(1) 02750

1261

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

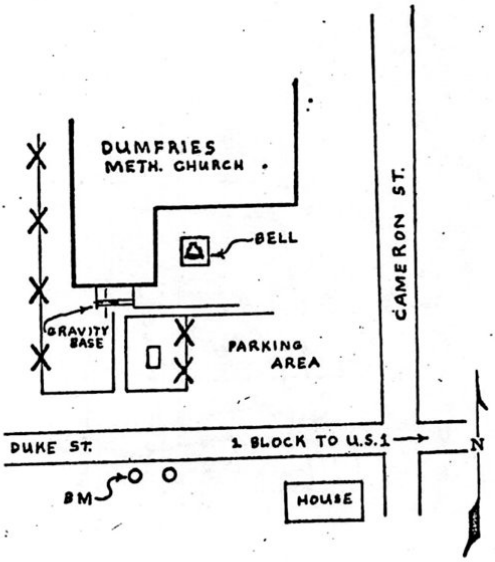
LATITUDE 38° 34.1'N (1)	STATION DESIGNATION DUMFRIES
LONGITUDE 77° 19.8'W (1)	COUNTRY/STATE USA/Virginia
ELEVATION 21.00 METERS (1)	

REFERENCE CODE NUMBERS	
ACIC 3332-1	

ADOPTED GRAVITY VALUE	
g= 980 067.70 mgals	
ESTIMATED ACCURACY	DATE
± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located on the west end of the top step to Dumfries Methodist Church, at Dumfries, Virginia, on the northwest corner of the intersection of Duke and Cameron St., one block west of U. S. 1. (1)



(1)

REFERENCE SOURCE

(1) 02750

ACIC HQ FORM FEB 69 0-415

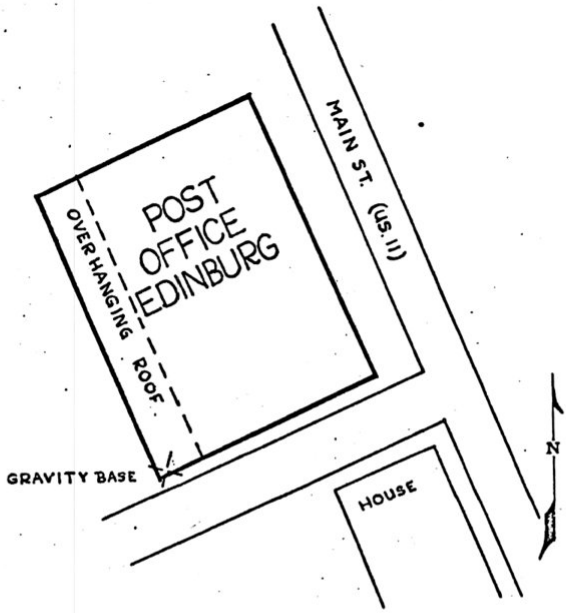
1262

GRAVITY BASE STATION

LATITUDE 38° 49.2'N (1)	STATION DESIGNATION
LONGITUDE 78° 33.9'W (1)	EDINBURG
ELEVATION 243.8 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 3333-1	ADOPTED GRAVITY VALUE: g= 979 963.29 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the rear of the U. S. Post Office in Edinburg, Virginia, along U. S. 11. Meter read on the concrete loading platform next to the southern-most pillar. (1)



(1)

REFERENCE SOURCE

(1) 02750

1263

ACIC HQ FORM FEB 69 0-415

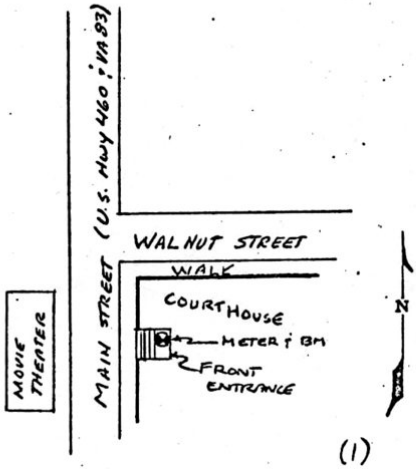
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
37° 16.7'N (1)	
LONGITUDE	
82° 05.9'W (1)	GRUNDY
ELEVATION	COUNTRY/STATE
320.0 METERS (1)	USA/Virginia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3335-1		g= 979 820.56 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Gravity base station is at the courthouse, in Grundy, Va; along U. S. Highway 460 & Va 83 (Main Street), at the junction of Walnut Street and Main Street; on the top step of the main entrance to the building, gravimeter read on the top of BM. (1)



(1)

REFERENCE SOURCE

(1) 02750

ACIC HQ FORM FEB 69 0-415

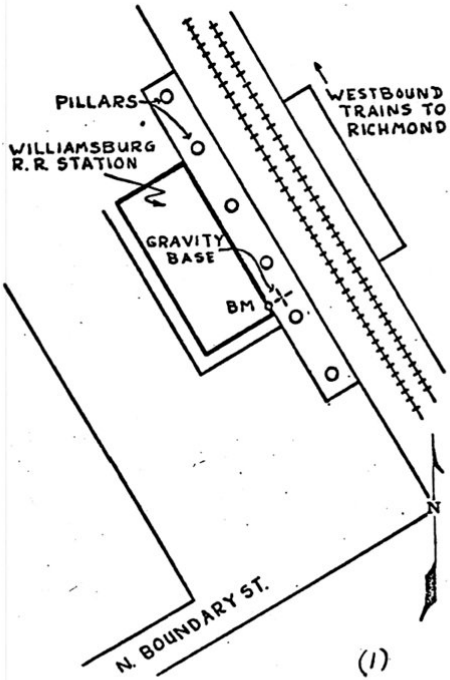
1264

GRAVITY BASE STATION

LATITUDE 37° 16.6'N (1)	STATION DESIGNATION WILLIAMSBURG
LONGITUDE 76° 42.5'W (1)	
ELEVATION 23.93 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 3336-1	ADOPTED GRAVITY VALUE: g= 979 927.58 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Railroad Station in Williamsburg, Virginia. Meter read on the brick platform, at the east corner of the building, 4 ft. below the USC & GS BM set vertically in the brick wall. (1)



(1)

REFERENCE SOURCE

(1) 02750

1265

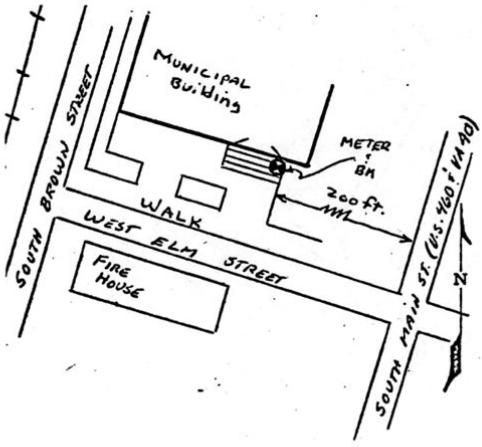
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 37° 04.8'N (1)	STATION DESIGNATION BLACKSTONE
LONGITUDE 77° 59.9'W (1)	
ELEVATION 130.25 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 3338-1	ADOPTED GRAVITY VALUE: g= 979 912.78 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Blackstone, Va. at the Municipal Building on West Elm St. at the junction with US 460, Va 40. Meter read directly on BM disk on the west end of the top step to the south entrance to the building. (1)



(1)

REFERENCE SOURCE

(1) 02750

ACIC HQ FORM FEB 69 O-415

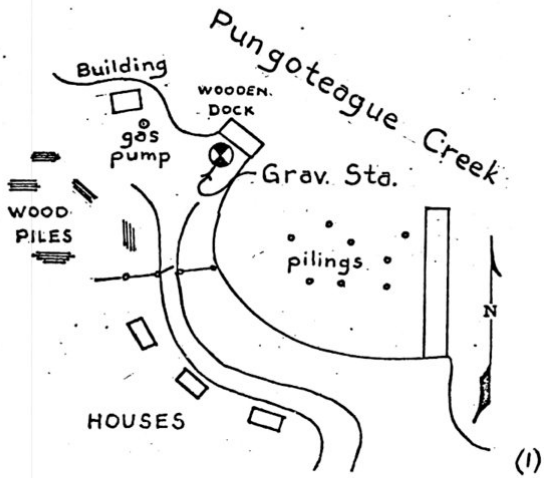
1266

GRAVITY BASE STATION

LATITUDE 37° 40.0'N (1)	STATION DESIGNATION HARBORTON
LONGITUDE 75° 49.9'W (1)	
ELEVATION 1.4 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 3339-1	ADOPTED GRAVITY VALUE: g= 979 964.79 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

The station is located in Harborton, Virginia, off Route 180 at Pungoteague Creek, on private property, at a wood yard, 25 feet from the end of a wooden dock. (1)



(1)

REFERENCE SOURCE

(1) 02750

1267

ACIC HQ FORM FEB 69 0-415

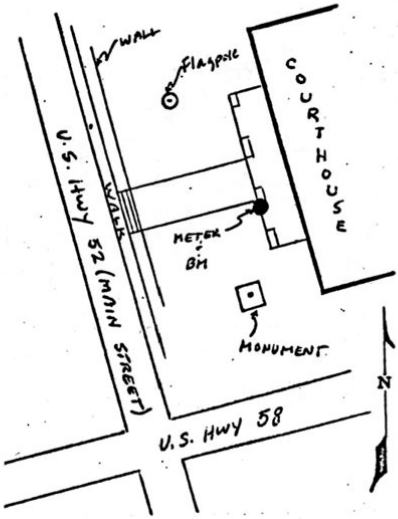
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
36° 46.0'N (1)	
LONGITUDE	
80° 44.2'W (1)	HILLSVILLE
ELEVATION	COUNTRY/STATE
781.8 METERS (1)	USA/Virginia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3340-1		g= 979 660.81 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the county courthouse in Hillsville, Va. on the northeast corner of the intersection of U. S. 52 (Main St.) and U. S. 58 (Cherry St.). Meter read directly over USGS BM disk located on the concrete base of the second column from the south on the west side of the courthouse. (1)



(1)

REFERENCE SOURCE

(1) 02750

ACIC HQ FORM FEB 69 0-415

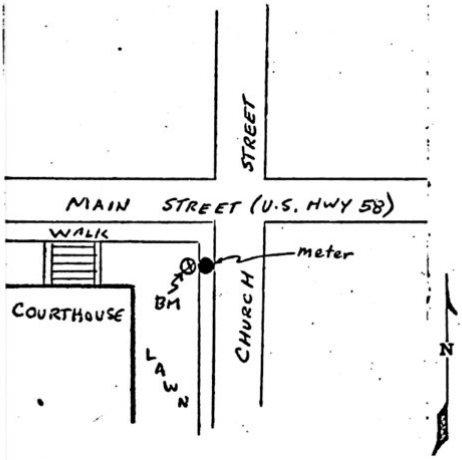
1268

GRAVITY BASE STATION

LATITUDE 36° 41.3'N (1)	STATION DESIGNATION JONESVILLE
LONGITUDE 83° 06.6'W (1)	
ELEVATION 466.22 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 3342-1	ADOPTED GRAVITY VALUE: g= 979 746.34 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Jonesville, Va. on the southwest corner of the intersection of Main St. (US 58) and Church St. at the county courthouse. Meter read on the concrete sidewalk, one ft. east of the BM which is located in the northeast corner of the courthouse lawn. (1)



(1)

REFERENCE SOURCE

(1) 02750

1269

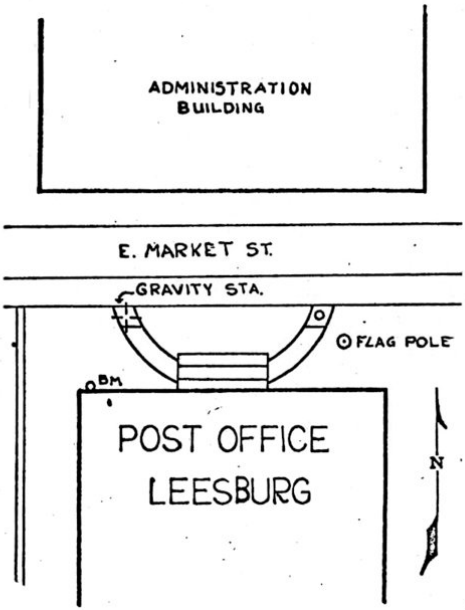
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 39° 06.9'N (1)	STATION DESIGNATION
LONGITUDE 77° 33.8'W (1)	LEESBURG
ELEVATION 32.10 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 5343-1	ADOPTED GRAVITY VALUE: g= 980 086.26 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the northwest end of the concrete steps to the U. S. Post Office at Leesburg, Va. along Va. route #7. Meter read on top of a two-foot high wall, 8 ft. northeast of a USC & GS BM set vertically in the wall at the northwest corner of the post office. (1)



(1)

REFERENCE SOURCE

(1) 02750

ACIC HQ FORM FEB 69 0-415

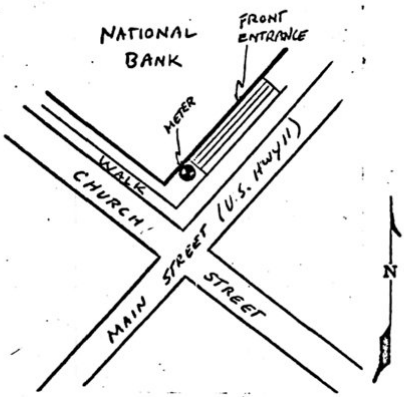
1270

GRAVITY BASE STATION

LATITUDE 36° 50.0'N (1)	STATION DESIGNATION
LONGITUDE 81° 31.2'W (1)	MARION
ELEVATION 662.78 METERS (1)	COUNTRY/STATE USA/virginia
REFERENCE CODE NUMBERS: ACIC 3344-1	ADOPTED GRAVITY VALUE: g= 979 695.43 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Marion, Va. at the First National Exchange Bank on the north corner of the intersection of Main St. (US 11) and Church St. Meter read on the concrete sidewalk at the southwest edge of the steps leading to the main entrance of the bank. (1)



(1)

REFERENCE SOURCE

(1) 02750

1271

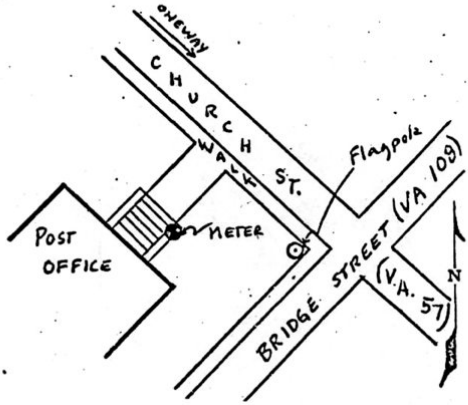
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 36° 41.5'N (1)	STATION DESIGNATION MARTINSVILLE
LONGITUDE 79° 52.4'W (1)	
ELEVATION 94.22 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 3345-1	ADOPTED GRAVITY VALUE: g= 979 781.78 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the U. S. Post Office in Martinsville, Va. on the west corner of the intersection of Church St. (Va 57) and Bridge St. (Va 108). Meter read directly over former location of USGS trav. station disk on top of the east stone portico at the northeast entrance to the post office. (1)



(1)

REFERENCE SOURCE

(1) 02750

ACIC HQ FORM FEB 69 0-415

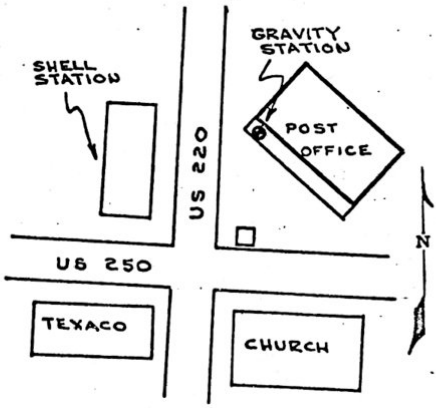
1272

GRAVITY BASE STATION

LATITUDE 38° 24.7'N (1)	STATION DESIGNATION
LONGITUDE 79° 34.8'W (1)	MONTEREY
ELEVATION 816.9 METERS (1)	COUNTRY/STATE USA/Virginia
REFERENCE CODE NUMBERS: ACIC 3346-1	ADOPTED GRAVITY VALUE: g= 979 795.32 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Monterey, Va. at the U. S. Post Office on the northeast corner of the junction of US highways 250 and 220. Meter read on the concrete walk, 12 ft. NW of the main entrance and 3 ft. south of a mail box. (1)



(1)

REFERENCE SOURCE

(1) 02750

1273

ACIC HQ FORM FEB 69 O-415

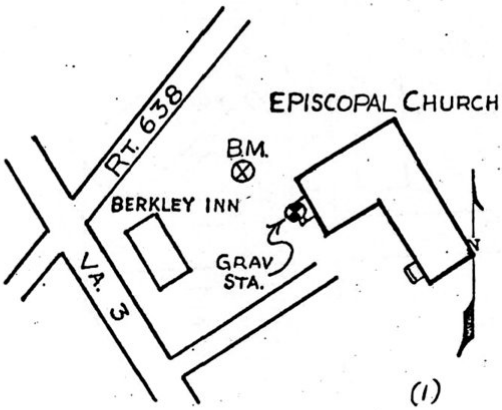
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
38° 10.9'N (1)	
LONGITUDE	
76° 59.8'W (1)	OAK GROVE
ELEVATION	COUNTRY/STATE
21.48 METERS	USA/Virginia

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3347-1		g= 980 005.19 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

The gravity station is located west of the junction of Virginia Highway 3 and Virginia Highway 638, at the west end of the bottom step of the Episcopal Church, about 30 feet east of a USGS Bench Mark. (1)



REFERENCE SOURCE

(1) 02750

ACIC HQ FORM FEB 69 0-415

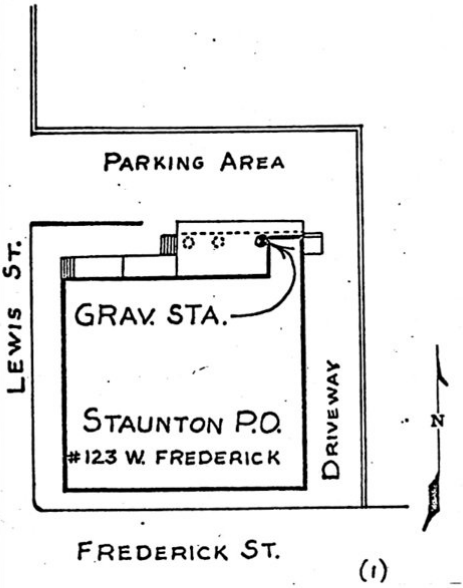
1274

GRAVITY BASE STATION

LATITUDE 38° 09.0'N (1)	STATION DESIGNATION STAUNTON
LONGITUDE 79° 04.5'W (1)	COUNTRY/STATE USA/Virginia
ELEVATION 457.2 METERS (1)	ADOPTED GRAVITY VALUE g= 979 871.89 mgals
REFERENCE CODE NUMBERS: ACIC 3349-1	ESTIMATED ACCURACY ± 0.1 mgals; DATE MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

The gravity base station is located at the main post office in Staunton, Virginia, 0.2 mile west along Va. highway 254 (West Frederick Street) from the junction of US 250 & 11; in the rear of the post office on the loading platform, 25 feet west of the northeast corner of the building. (1)



REFERENCE SOURCE

(1) 02750

1275

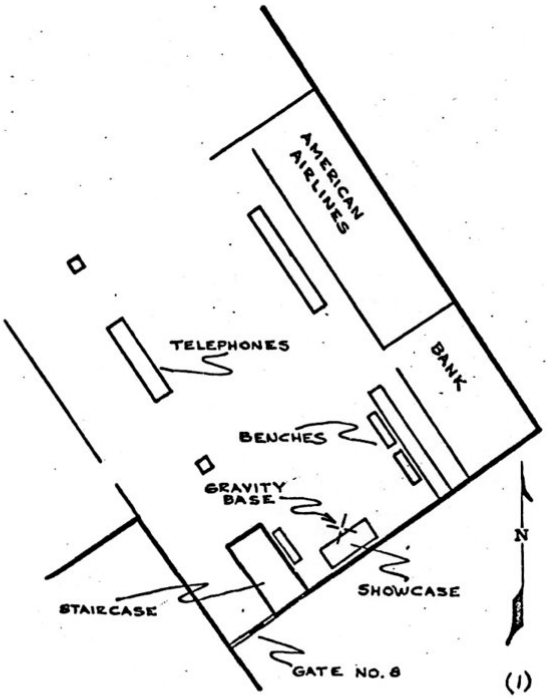
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 44.8'N (1)	STATION DESIGNATION
LONGITUDE 73° 48.6'W (1)	ALBANY
ELEVATION 85.34 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3351-1	ADOPTED GRAVITY VALUE: g= 980 352.58 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located inside of the main terminal building at the Albany County Airport. Meter read on the floor at the southeast end of the terminal in front of a showcase, and opposite an airport bank. (1)



(1)

REFERENCE SOURCE

(1) 03037

ACIC HQ FORM FEB 69 O-415

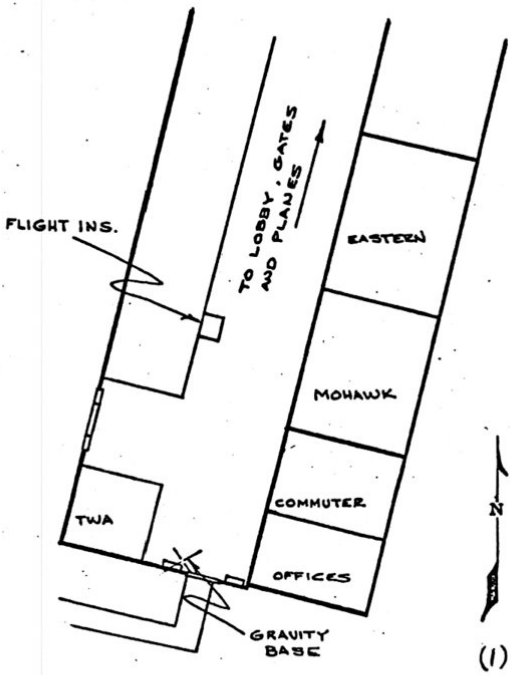
1276

GRAVITY BASE STATION

LATITUDE 42° 12.5'N (1)	STATION DESIGNATION
LONGITUDE 75° 59.0'W (1)	BINGHAMTON
ELEVATION 487.7 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3352-1	ADOPTED GRAVITY VALUE: g= 980 221.39 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the south wall inside the Broomes County (Binghamton) Airport terminal. Meter read on the marble floor directly in front of a radiator and 2 ft. northwest of the south entrance to the terminal. Airport is located about 6 miles northwest of Binghamton, N. Y. (1)



(1)

REFERENCE SOURCE

(1) 03037

1277

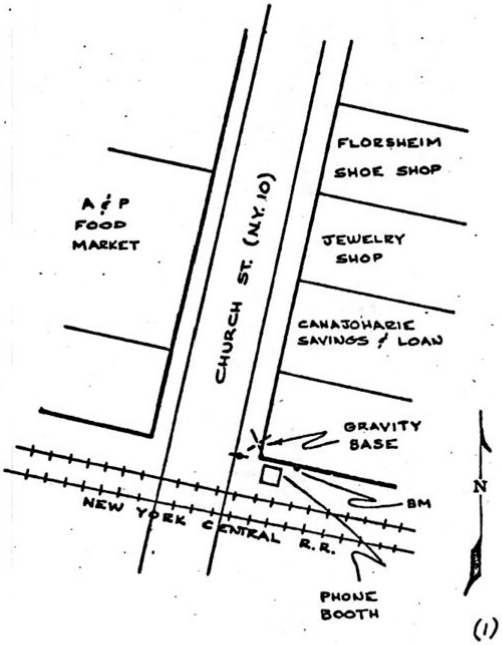
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 54.3'N (1)	STATION DESIGNATION
LONGITUDE 74° 34.3'W (1)	CANAJOHARIE
ELEVATION 93.38 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3353-1	ADOPTED GRAVITY VALUE: g= 980 372.23 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Canajoharie, New York on the east side of Main St. (N. Y. 10) at the junction with the New York Central Railroad tracks. Meter read on the concrete sidewalk at the southwest corner of a building (formerly the Canajoharie Nat'l Bank) and next to a phone booth. (1)



REFERENCE SOURCE

(1) 03037

ACIC HQ FORM FEB 69 0-415

1278

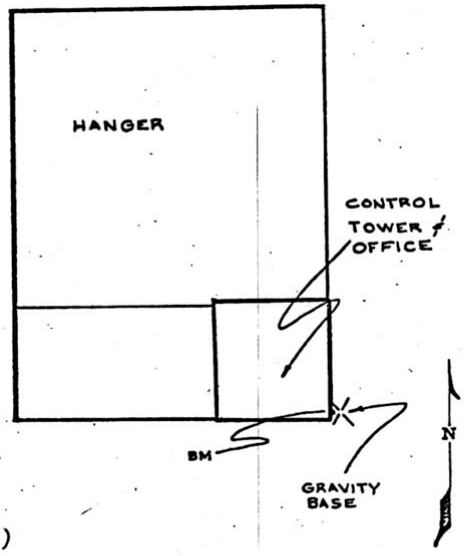
GRAVITY BASE STATION

LATITUDE 42° 34.5'N (1)	STATION DESIGNATION
LONGITUDE 77° 42.9'W (1)	DANSVILLE
ELEVATION 199.2 METERS (1)	COUNTRY/STATE USA/New York

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3354-1		g= 980 313.69 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Dansville Airport along N. Y. state route 36 at the city line on southeast corner of the hanger which also serves as the terminal office. Meter read on the concrete ground 1.5 ft southeast of southeast corner of bldg. A USC & GS BM is set vertically in east wall 3.5 ft above the gravity base. (1)



(1)

REFERENCE SOURCE

(1) 03037

1279

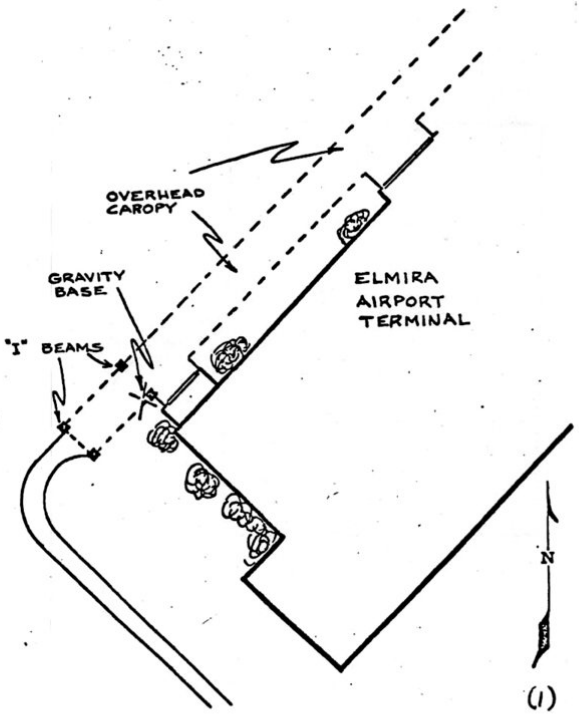
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 09.7'N (1)	STATION DESIGNATION
LONGITUDE 76° 53.8'W (1)	ELMIRA
ELEVATION 289.6 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3355-1	ADOPTED GRAVITY VALUE: g= 980 269.36 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Elmira (Chemung County) Airport, at the street side of the terminal near the southwest entrance. Meter read on the concrete walk next to an "I" beam supporting an overhead canopy, about 6 ft northwest of the entrance. (1)



(1)

REFERENCE SOURCE

(1) 03037

ACIC HQ FORM FEB 69 O-415

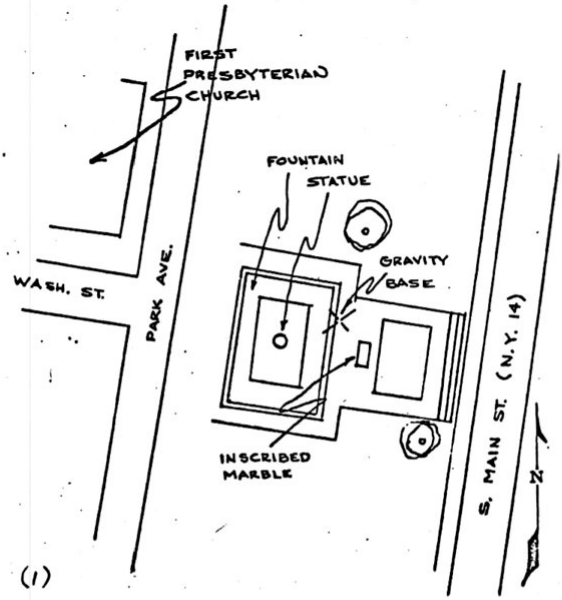
1280

GRAVITY BASE STATION

LATITUDE 42° 51.9'N (1)	STATION DESIGNATION
LONGITUDE 76° 59.1'W (1)	GENEVA
ELEVATION 160.0 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3356-1	ADOPTED GRAVITY VALUE: g= 980 356.06 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located at Geneva, N. Y. at a small park along Main St. (N. Y. 14), 15 ft east of a statue of a nude lady. Meter read on red brick ground which surrounds the fountain statue is on. (1)



(1)

REFERENCE SOURCE

(1) 03037

1281

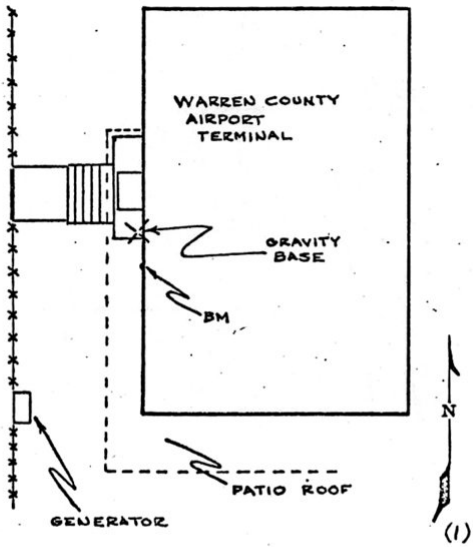
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 20.5'N (1)	STATION DESIGNATION
LONGITUDE 73° 36.3'W (1)	GLENS FALLS
ELEVATION 99.37 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3357-1	ADOPTED GRAVITY VALUE: g= 980 414.93 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Warren County Airport, 2.5 miles northeast of Glens Falls, New York. Meter read on the concrete porch on the west side of the terminal building, 4 ft south of the door and 1 ft west of the wall. (1)



(1)

REFERENCE SOURCE

(1) 03037

ACIC HQ FORM FEB 69 O-415

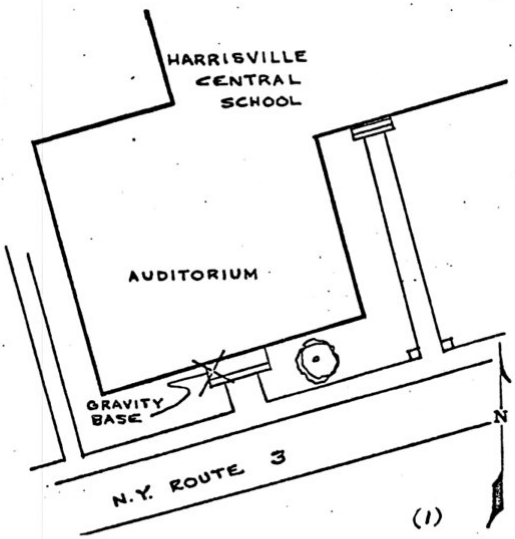
1282

GRAVITY BASE STATION

LATITUDE 44° 08.9'N (1)	STATION DESIGNATION HARRISVILLE
LONGITUDE 75° 19.2'W (1)	
ELEVATION 259.1 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3358-1	ADOPTED GRAVITY VALUE: g = 980 473.16 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located on top of the second step to the south auditorium entrance at the Harrisville Central school on north side of N. Y. state route 3 in Harrisville, N. Y. (1)



REFERENCE SOURCE

(1) 03037

1283

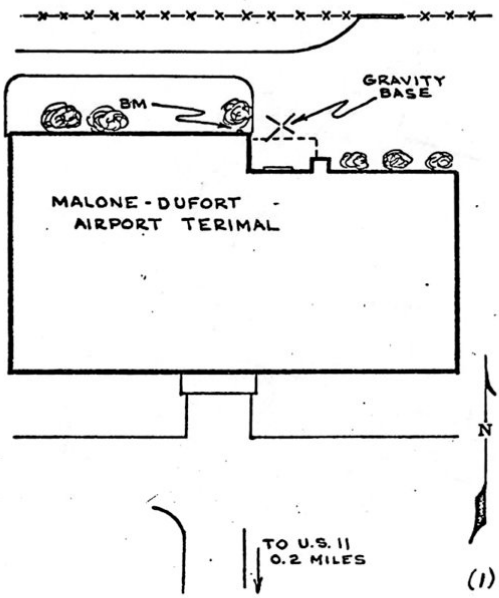
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 44° 51.0'N (1)	STATION DESIGNATION
LONGITUDE 74° 19.7'W (1)	MALONE
ELEVATION 238.94 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3359-1	ADOPTED GRAVITY VALUE: g= 980 566.07 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Malone-Dufort Airport, about 1.8 miles west of Malone, N. Y. along US 11. Meter read on the concrete ground 8 ft north of the field entrance to the terminal building, 5 ft east-north-east of BM set vertically in the brick wall of the terminal. (1)



REFERENCE SOURCE

(1) 03037

ACIC HQ FORM FEB 69 0-415

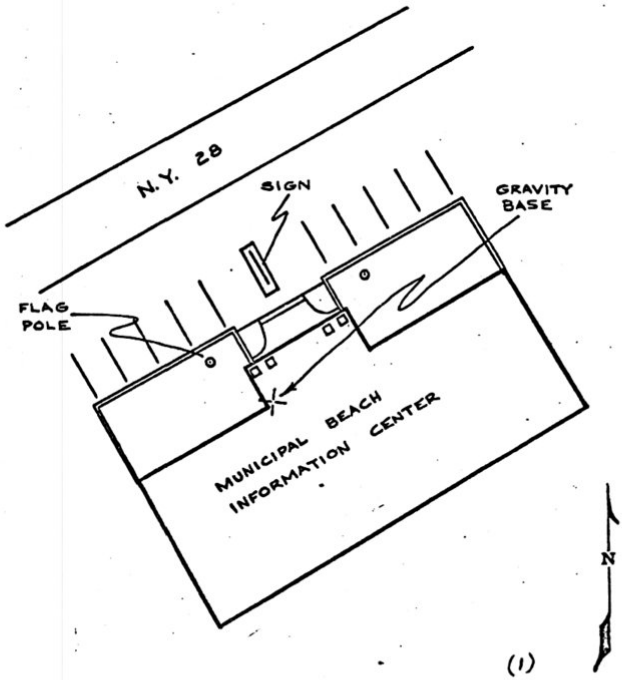
1284

GRAVITY BASE STATION

LATITUDE 43° 42.7'N (1)	STATION DESIGNATION
LONGITUDE 74° 58.2'W (1)	OLD FORGE
ELEVATION 521.2 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3360-1	ADOPTED GRAVITY VALUE: g= 980 376.58 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located in Old Forge, New York at the Municipal Beach Information Center on the east side of state route 28, 100 ft south of highway bridge over the Moose River. Meter read on the concrete floor 5 ft southeast of the wooden pillars at the northwest entrance to the information center. (1)



REFERENCE SOURCE

(1) 03037

1285

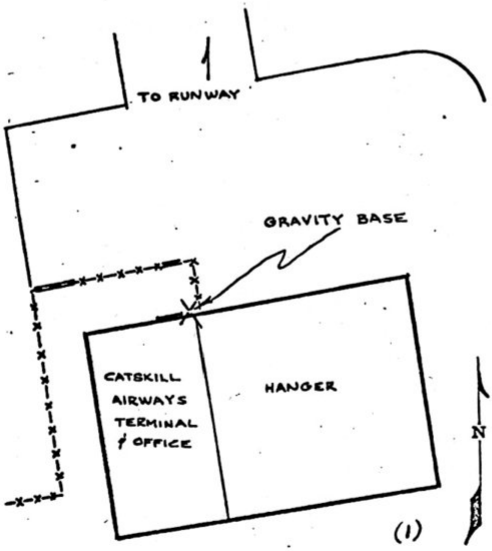
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 42° 31.0'N (1)	STATION DESIGNATION
LONGITUDE 75° 04.2'W (1)	ONEONTA
ELEVATION 538.0 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3361-1	ADOPTED GRAVITY VALUE: g= 980 249.56 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Oneonta Airport, 6 miles north of Oneonta, N. Y. Meter read on the concrete ground at the north side of the terminal, 2 ft east of the door to the lobby. (1)



REFERENCE SOURCE

(1) 03037

ACIC HQ FORM FEB 69 O-415

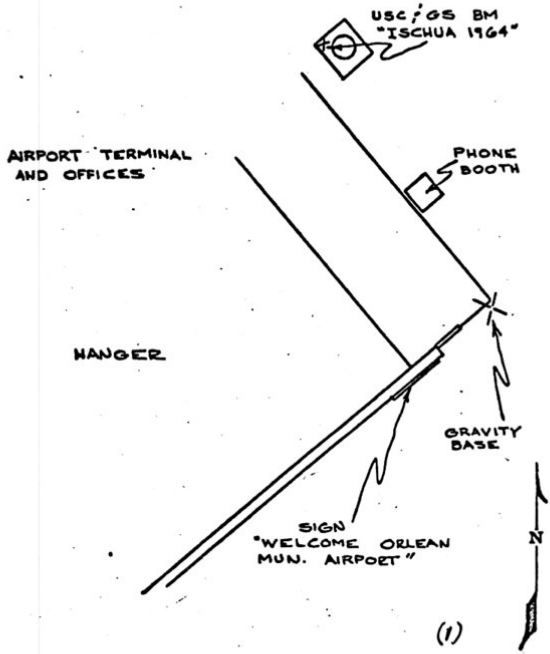
1286

GRAVITY BASE STATION

LATITUDE 42° 14.5'N (1)	STATION DESIGNATION
LONGITUDE 78° 22.4'W (1)	ORLEAN
ELEVATION 645.6 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3362-1	ADOPTED GRAVITY VALUE: g= 980 211.23 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Orlean Municipal Airport, about 11 miles north of Orlean, N. Y. on state route 16. Meter read on the concrete ground at east corner of the terminal building, 4 ft northeast of doorway. A USC & GS BM "Ischua 1964" is located on the northwest corner of a concrete drain about 40 ft northwest of the gravity base and 1 ft lower. (1)



REFERENCE SOURCE

(1) 03037

1287

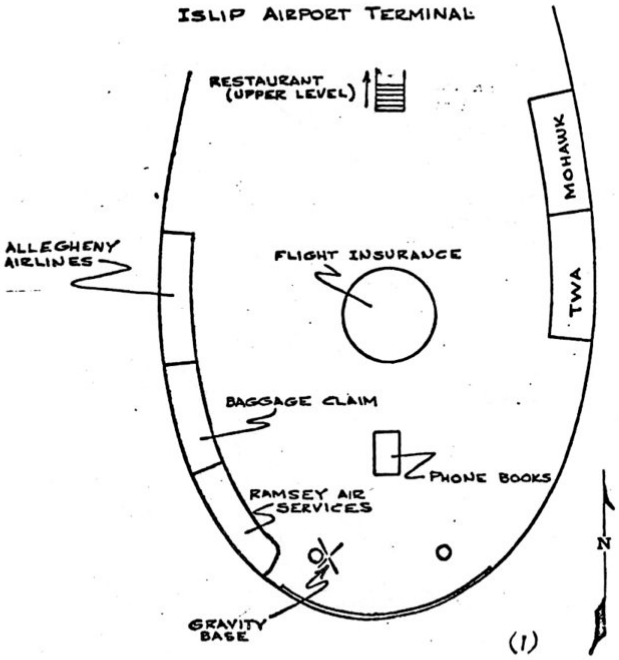
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 40° 47.4'N (1)	STATION DESIGNATION
LONGITUDE 73° 05.9'W (1)	PATCHOGUE
ELEVATION 24.4 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3363-1	ADOPTED GRAVITY VALUE: g= 980 263.70 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in the Islip (MacAuthur) Airport terminal building, just inside the south entrance. Meter read on the marble floor next to the western-most column. (1)



REFERENCE SOURCE

(1) 03037

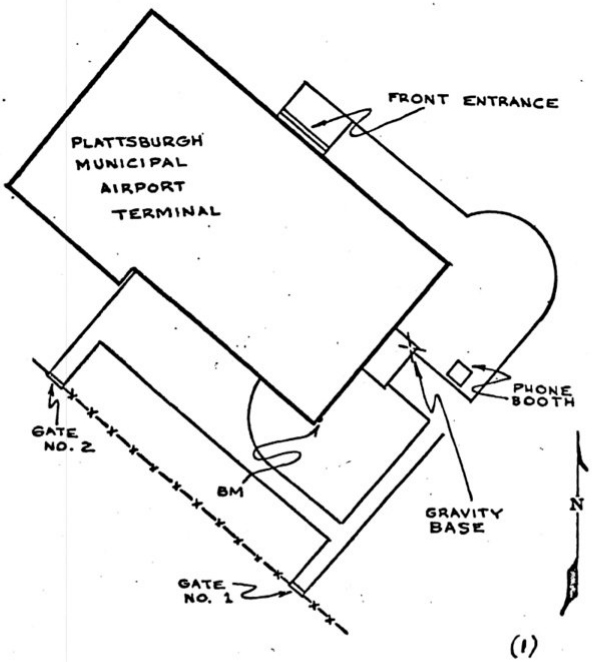
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 44° 41.5'N (1)	STATION DESIGNATION
LONGITUDE 73° 31.3'W (1)	PLATTSBURG
ELEVATION 107.81 METERS	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3364-1	ADOPTED GRAVITY VALUE: g= 980 567.12 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Plattsburg Municipal Airport, about 3 miles west of Plattsburg, N. Y. along N. Y. state route 3. Meter read on the northeast corner of the concrete porch at the east entrance to the terminal building. Station is 14 ft. northeast of BM set vertically in wall at the southeast corner. (1)



REFERENCE SOURCE

(1) 03037

1289

ACIC HQ FORM FEB 69 0-415

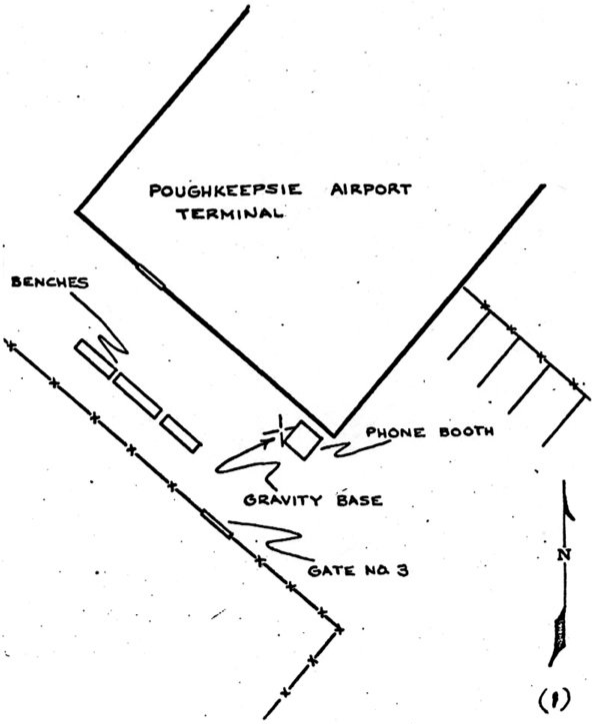
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
41° 37.7'N (1)	
LONGITUDE	
73° 52.7'W (1)	POUGHKEEPSIE
ELEVATION	COUNTRY/STATE
47.2 METERS (1)	USA/New York

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3365-1		g= 980 274.48 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Poughkeepsie (Dutchess County) Airport, along N. Y. route 376, about 6 miles south of Poughkeepsie, New York. Meter read on the concrete ground on southwest side of the terminal building, 5 ft N. W. of the south corner of the building and next to a phone booth. (1)



(1)

REFERENCE SOURCE

(1) 03037

ACIC HQ FORM FEB 69 0-415

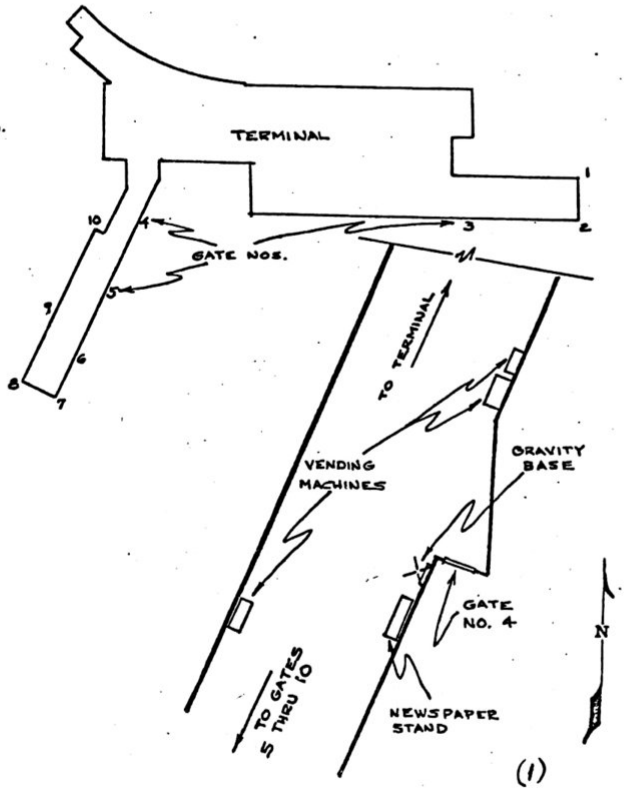
1290

GRAVITY BASE STATION

LATITUDE 43° 07.7'N (1)	STATION DESIGNATION
LONGITUDE 77° 39.9'W (1)	ROCHESTER
ELEVATION 167.6 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3366-1	ADOPTED GRAVITY VALUE: g= 980 372.09 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Rochester (Monroe County) Airport in the main terminal at Gate No. 4 on the marble floor directly under a flight notice board, and next to a newspaper stand. (1)



REFERENCE SOURCE

(1) 03037

1291

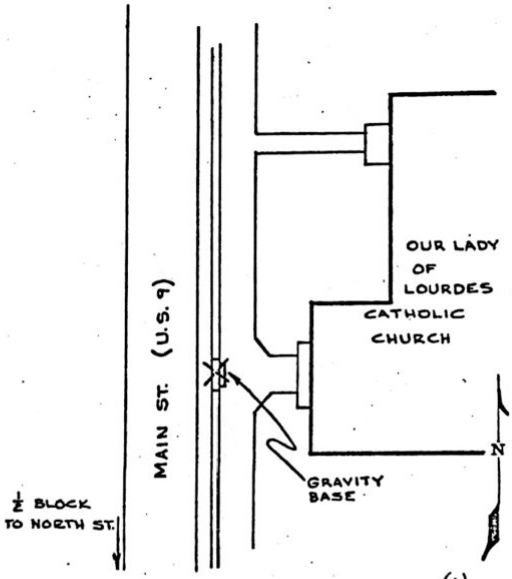
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 43° 50.3'N (1)	STATION DESIGNATION
LONGITUDE 73° 45.7'W (1)	SCHROON LAKE
ELEVATION 265.2 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3367-1	ADOPTED GRAVITY VALUE: g= 980 440.60 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located in front of Our Lady of Lourdes Catholic Church in Schroon Lake, New York along Main St. (U. S. 9), ½ block north of the intersection of North St. Meter read on top of a concrete wall, 18 inches above level of sidewalk and directly in front of the church entrance. (1)



(1)

REFERENCE SOURCE

(1) 03037

ACIC HQ FORM FEB 69 0-415

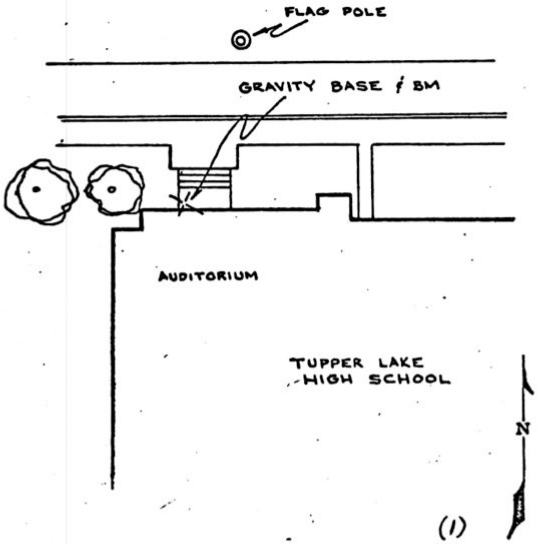
1292

GRAVITY BASE STATION

LATITUDE 44° 13.4'N (1)	STATION DESIGNATION TUPPER LAKE
LONGITUDE 74° 27.7'W (1)	
ELEVATION 497.94 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3368-1	ADOPTED GRAVITY VALUE: g= 980 428.37 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Tupper Lake High School, in Tupper Lake, New York. Meter read directly over BM located in southwest corner of the top step to the school auditorium, on the north side of the building. (1)



REFERENCE SOURCE

(1) 03037

1293

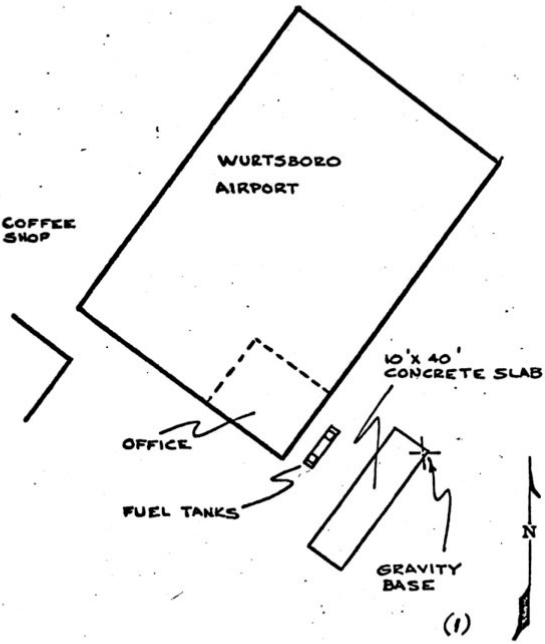
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 35.9'N (1)	STATION DESIGNATION
LONGITUDE 74° 27.7'W (1)	WURTSBORO
ELEVATION 198.1 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3369-1	ADOPTED GRAVITY VALUE: g= 980 237.89 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Wurtsboro Airport, about 2.2 miles north of town along U. S. 209. Meter read on a 40' X 10' concrete slab, located about 50 ft southeast of the airport office. Station is at the east edge of the concrete slab. (1)



REFERENCE SOURCE

(1) 03037

ACIC HQ FORM FEB 69 0-415

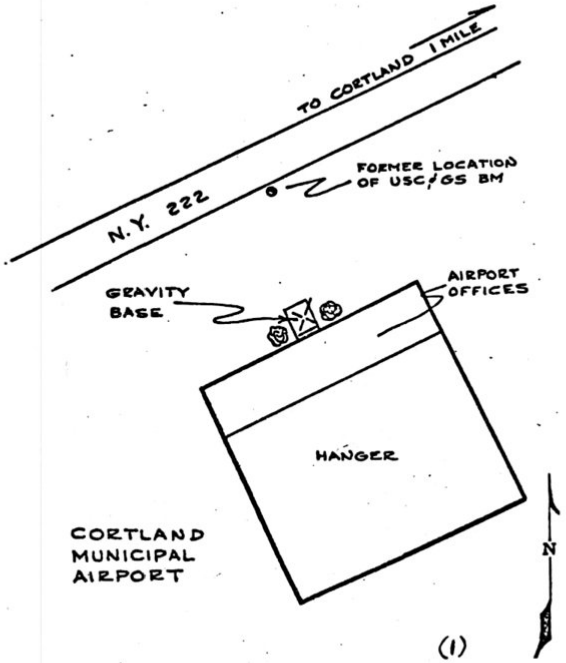
1294

GRAVITY BASE STATION

LATITUDE 42° 35.7'N (1)	STATION DESIGNATION
LONGITUDE 76° 13.0'W (1)	CORTLAND
ELEVATION 358.14 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3370-1	ADOPTED GRAVITY VALUE: g = 980 293.38 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Cortland Municipal Airport on the south side of N. Y. route 222, one mile west of the Cortland city limits. Meter read on the concrete walk 5 ft north of the north entrance to the airport office. (1)



REFERENCE SOURCE

(1) 03037

1295

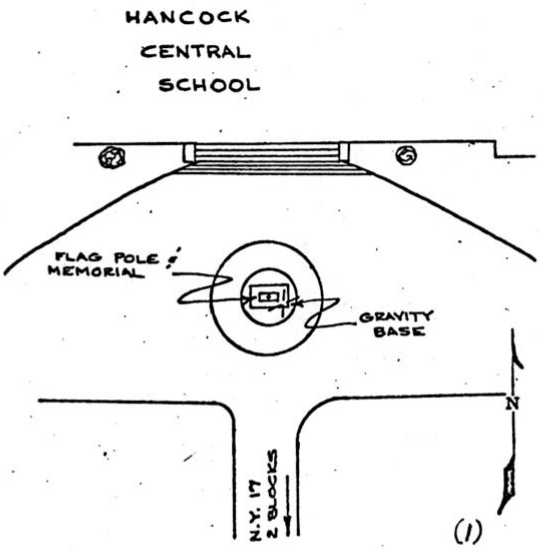
ACIC HQ FORM 0-415

GRAVITY BASE STATION

LATITUDE 41° 57.4'N (1)	STATION DESIGNATION HANCOCK
LONGITUDE 75° 16.9'W (1)	
ELEVATION 280.4 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3371-1	ADOPTED GRAVITY VALUE: g = 980 292.00 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 9/69

DESCRIPTION AND/OR SKETCH

Station is located on the base of a flagpole located approximately 100 ft south of the south entrance to the Hancock Central School in Hancock, New York. School is located two blocks north of N. Y. route 17. (1)



REFERENCE SOURCE

(1) 03037

ACIC HQ FORM FEB 69 O-415

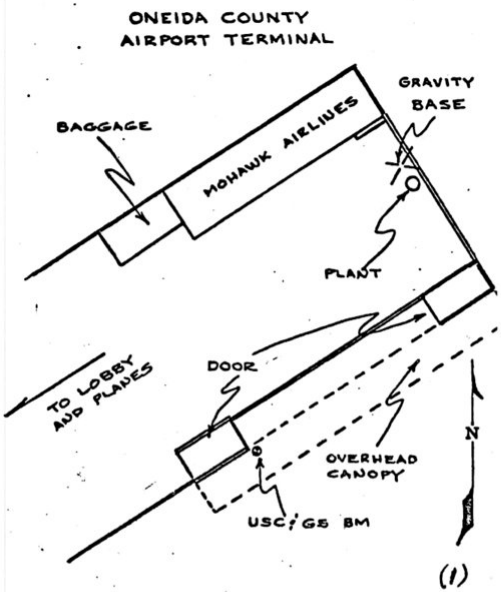
1296

GRAVITY BASE STATION

LATITUDE 43° 08.8'N (1)	STATION DESIGNATION ROME
LONGITUDE 75° 22.8'W (1)	
ELEVATION 217.9 METERS (1)	COUNTRY/STATE USA/New York
REFERENCE CODE NUMBERS: ACIC 3372-1	ADOPTED GRAVITY VALUE: g= 980 366.95 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 9/69

DESCRIPTION AND/OR SKETCH

Station is located at the Oneida County Airport, southeast of Rome, New York. Meter read inside terminal building at the northeast wall, on floor, 2 ft northwest of a large plant. A USC & GS BM is located outside the terminal bldg on the concrete walk, approximately 80 ft southwest of the station and on the same level. (1)



REFERENCE SOURCE

(1) 03037

1297

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 12.8'N (1)	STATION DESIGNATION
LONGITUDE 95° 50.4'W (1)	SHELDON
ELEVATION 432.5 METERS (1)	COUNTRY/STATE USA/Iowa
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 3822-1 TA 71	g= 980 340.85 mgals
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Sheldon Municipal Airport, 1 mile northeast of the town of Sheldon; on the southeast side of the terminal building, on the concrete sidewalk, northeast of the door leading to the ramp; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

ACIC HQ FORM FEB 69 0-415

1298

GRAVITY BASE STATION

LATITUDE 42° 02.0'N (1)	STATION DESIGNATION
LONGITUDE 96° 06.0'W (1)	ONAWA
ELEVATION 321.9 METERS (1)	COUNTRY/STATE USA/Iowa
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
~~ACIC 3823-1~~	g= 980 262.99 mgals
~~IA 67~~	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Onawa Municipal Airport, 1 mile south of the town of Onawa; on the southwest side of the country club house on the concrete slab in front of the outside telephone booth, near the main entrance to the club house; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

1299

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 43° 04.0'N (1)	STATION DESIGNATION
LONGITUDE 94° 16.0'W (1)	ALGONA
ELEVATION 371.6 METERS (1)	COUNTRY/STATE USA/Iowa
REFERENCE CODE NUMBERS: ~~ACIC 3824-1~~, ~~IA 55~~	ADOPTED GRAVITY VALUE: g = 980 340.24 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Algona Municipal Airport, 2 miles west of the town of Algona; in the southeast corner of the airport manager's office; not marked. (1)

REFERENCE SOURCE

(1) 03355

ACIC HQ FORM FEB 69 0-415

1300

GRAVITY BASE STATION

LATITUDE 42° 20.0'N (1)	STATION DESIGNATION
LONGITUDE 95° 27.0'W (1)	IDA GROVE
ELEVATION 381.0 METERS (1)	COUNTRY/STATE USA/Iowa

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3825-1		g= 980 264.07 mgals	
IA 47			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 5/70

DESCRIPTION AND/OR SKETCH

At the Ida Grove Municipal Airport, ½ mile east-southeast of the town of Ida Grove; along the outside of the southwest side of the terminal building, in line with the sidewalk leading from the field; marked with an orange paint spot. (1)

REFERENCE SOURCE

(1) 03355

1301

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 30° 42.41'N (1)	STATION DESIGNATION ELDORADO
LONGITUDE 100° 38.28'W (1)	
ELEVATION 718.1 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3826-1		g= 979 174.97 mgals	
HUS 1124			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

About 10.7 miles southwest of Eldorado, along US Highway 277, at the Schleicher-Sutton County lines, on east side of the highway.

(1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1302

GRAVITY BASE STATION

LATITUDE 30° 20.38'N (1)	STATION DESIGNATION JUNCTION
LONGITUDE 99° 46.55'W (1)	
ELEVATION 524.6 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3828-1		g= 979 227.33 mgals	
HUS 1117			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

In the town of Junction, Texas, on public school property, north side of high school, between elementary and high school buildings;
BM stamping: "1720.538 PRIM TRAV STA #9 1925
TEXAS H94 1924"
BM elevation: 1721 feet. (1)

REFERENCE SOURCE

(1) 04099

1303

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 28° 01.90'N (1)	STATION DESIGNATION ENCINAL
LONGITUDE 99° 21.50'W (1)	
ELEVATION 164.9 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3829-1		g= 979 115.48 mgals	
HUS 1101			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

About 0.6 mile south along US Highway 81 from International and Great Northern railroad station in Encinal, on west side of the highway, approximately 15 feet southwest of Triangulation station. "ENCINAL 2 1957", BM elevation: 540.885 feet. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1304

GRAVITY BASE STATION

LATITUDE 28° 40.06'N (1)	STATION DESIGNATION DILLEY
LONGITUDE 99° 10.08'W (1)	
ELEVATION 171.3 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 3830-1; HUS 1096	ADOPTED GRAVITY VALUE: g= 979 174.37 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

In the town of Dilley, Texas, at the city water tower, 80 feet west of the center line of South Commerce Street, 51 feet south of East Hugo Street, 47.5 feet east of railroad tracks, station is in northwest corner of water tower, about 1.0 foot lower than BM stamping: "B 1077, 1956", BM elevation: 562.925 feet. (1)

REFERENCE SOURCE

(1) 04099

1305

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 31° 11.00'N (1)	STATION DESIGNATION DIBOLL
LONGITUDE 94° 47.18'W (1)	
ELEVATION 69.5 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3833-1		g= 979 388.74 mgals	
HUS 1073			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

In the town of Diboll, 150.0 feet north of the Texas-New Orleans railroad station, 25 feet west of tracks, 2 feet above ground, in concrete base of flag pole in front of Southern Pine Lumber Co office building (Temple Industries Office) is BM stamping:"TEXAS R1, 1926", BM elevation: 230.164 feet. HUS station is at ground level. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1306

GRAVITY BASE STATION

LATITUDE 31° 55.50'N (1)	STATION DESIGNATION MOUNT ENTERPRISE
LONGITUDE 94° 41.00'W (1)	
ELEVATION 161.8 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 3835-1; HUS 1067	ADOPTED GRAVITY VALUE: g= 979 441.86 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: 10/70

DESCRIPTION AND/OR SKETCH

At the intersection of state highway, 0.5 mile north of Mount Enterprise, and State Highway 315, on the west side of Highway 259. (BM here, but can't find level line to describe it) (1)

REFERENCE SOURCE

(1) 04099

1307

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 32° 23.25'N (1)	STATION DESIGNATION KILGORE
LONGITUDE 94° 52.55'W (1)	
ELEVATION 111.9 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3836-1		g= 979 499.11 mgals	
HUS 1063			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

In the town of Kilgore, at the southeast end of the International and Great Northern Railroad Station, at track level. BM stamping: "TTS D4 (USGS) 1934", BM elevation: 365.370 feet. BM not found.

(1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1308

GRAVITY BASE STATION

LATITUDE 34° 55.58'N (1)	STATION DESIGNATION FRANCIS
LONGITUDE 96° 41.00'W (1)	
ELEVATION 262.7 METERS (1)	COUNTRY/STATE USA/Oklahoma

REFERENCE CODE NUMBERS	
ACIC 3840-1	
HUS 1033	

ADOPTED GRAVITY VALUE

g= 979 678.47 mgals

ESTIMATED ACCURACY	DATE
± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 5N, R 6E, S 5,4,8,9 corners

Station is located on west side of State Highway 99 (3), about 0.5 mile south of Canadian River crossing; there is a dirt road to the west leading northwest. (1)

REFERENCE SOURCE

(1) 04099

1309

ACIC HQ FORM FEB 69 O-415

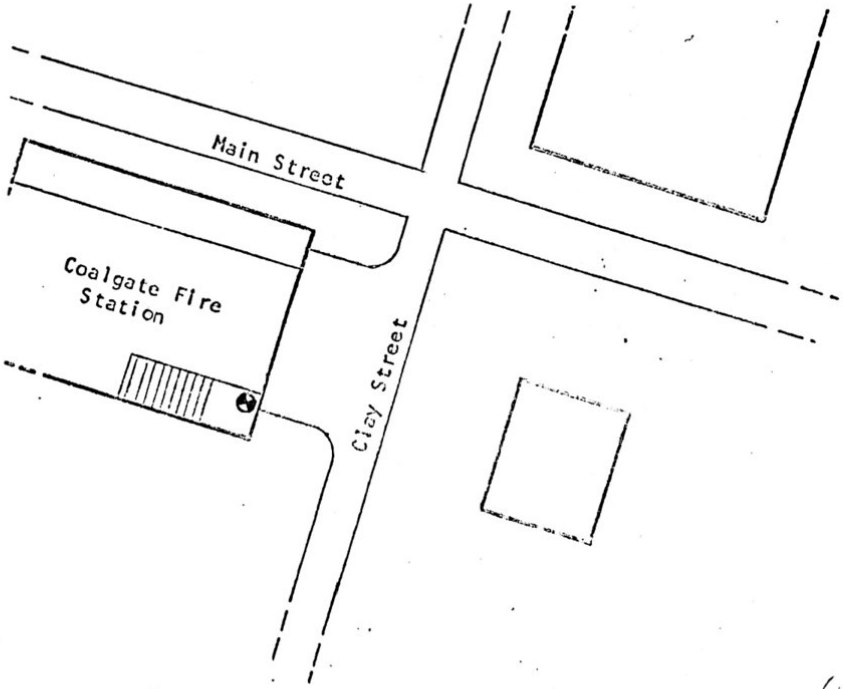
GRAVITY BASE STATION

LATITUDE 34° 32.23'N (1)	STATION DESIGNATION COALGATE
LONGITUDE 96° 13.11'W (1)	
ELEVATION 185.9 METERS (1)	COUNTRY/STATE USA/Oklahoma

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3841-2		g= 979 639.97 mgals	
IGB 11846B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Coalgate, Oklahoma, on the southwest corner of Main and Clay Streets, in the Fire Station, in the northeast corner of the south entryway. The station is a standard "USAF Gravity" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

1310

GRAVITY BASE STATION

LATITUDE 36° 05.40'N (1)	STATION DESIGNATION SILVER CITY
LONGITUDE 96° 31.00'W (1)	
ELEVATION 229.5 METERS (1)	COUNTRY/STATE USA/Oklahoma

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3847-1		g= 979 763.59 mgals	
HUS 1015			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 19N, R 7E, S 25, 36 borders

Along State Highway 51, about 2.0 miles west of Silver City; there is a dirt road leading north here, station is in the southwest corner of this junction. (1)

REFERENCE SOURCE

(1) 04099

1311

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

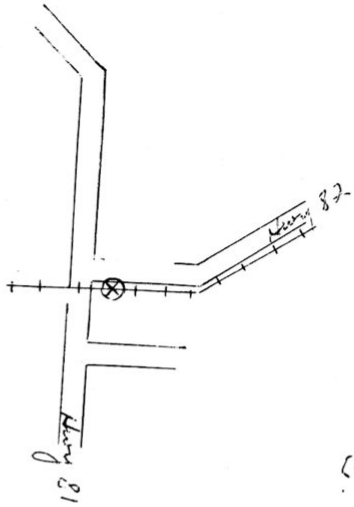
LATITUDE 33° 13.93'N (1)	STATION DESIGNATION HAMBURG
LONGITUDE 91° 47.60'W (1)	
ELEVATION 50.0 METERS (1)	COUNTRY/STATE USA/Arkansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3848-1		g= 979 599.89 mgals	
HUS 1806			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 17N, R 7W

In Hamburg, in the east part of town, at the Missouri Pacific Railroad station, track level. (1)



(1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1312

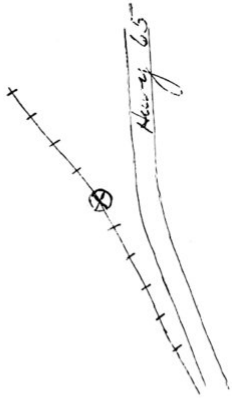
GRAVITY BASE STATION

LATITUDE 33° 42.90'N (1)	STATION DESIGNATION TILLAR
LONGITUDE 91° 27.35'W (1)	
ELEVATION 46.6 METERS (1)	COUNTRY/STATE USA/Arkansas
REFERENCE CODE NUMBERS: ACIC 3849-1; HUS 1801	ADOPTED GRAVITY VALUE: g= 979 631.75 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 11S, R 4W, S 25

In Tillar, in the northern part of town at BM "5-AR, elevation 151 feet" on the east side of the Missouri Pacific railroad tracks. (1)



(1)

REFERENCE SOURCE

(1) 04099

1313

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 34° 09.53'N (1)	STATION DESIGNATION LINWOOD
LONGITUDE 91° 49.38'W (1)	
ELEVATION 60.7 METERS (1)	COUNTRY/STATE USA/Arkansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3850-1		g= 979 676.86 mgals	
HUS 1797			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 6S, R 7W, S 32 (center area)

Along US Highway 65, about 1.5 miles northwest of Linwood, 3.0 miles east-southeast of Cottondale, at the "T" junction of the highway and a road leading north. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1314

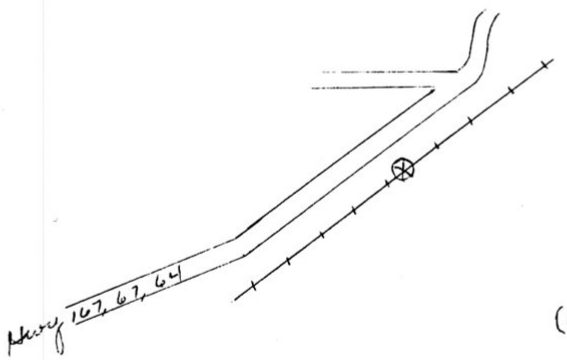
GRAVITY BASE STATION

LATITUDE 35° 18.40'N (1)	STATION DESIGNATION BALD KNOB
LONGITUDE 91° 34.20'W (1)	
ELEVATION 68.6 METERS (1)	COUNTRY/STATE USA/Arkansas
REFERENCE CODE NUMBERS: ACIC 3851-1; HUS 1787	ADOPTED GRAVITY VALUE: g= 979 758.00 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 8N, R 5W, S 20 (NW quarter)

In Bald Knob, at the Missouri Pacific railroad station, track level, about 0.1 mile southeast of US Highway 167 (67, 64) at BM "BALD KNOB-top of the rail"; elevation: 226 feet. (1)



(1)

REFERENCE SOURCE

(1) 04099

1315

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

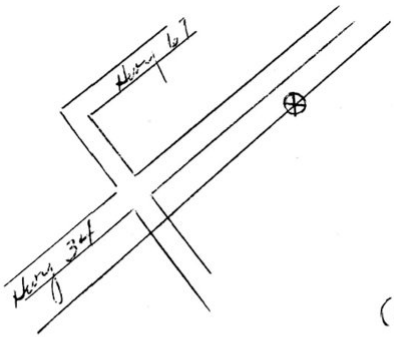
LATITUDE 36° 04.30'N (1)	STATION DESIGNATION WALNUT RIDGE
LONGITUDE 90° 57.03'W (1)	
ELEVATION 82.6 METERS (1)	COUNTRY/STATE USA/Arkansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3852-1		g= 979 819.46 mgals	
HUS 1781			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 17N, R 1E, S 35

In Walnut Ridge, in the northeast section, at the Missouri Pacific Railroad station, track level, on the southeast side of northwest Front Street, at BM "WALNUT RIDGE"; BM elevation: 268 feet. (1)



(1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 0-415

1316

GRAVITY BASE STATION

LATITUDE 30° 13.18'N (1)	STATION DESIGNATION JENNINGS
LONGITUDE 92° 39.45'W (1)	
ELEVATION 10.4 METERS (1)	COUNTRY/STATE USA/Louisiana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3855-1		g= 979 322.70 mgals	
HUS 1563			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 9S, R 3W, S 34 (SE quarter)

In the town of Jennings, at the Southern Pacific Railroad station, track level, at BM "C 2" Elevation 34 feet, on the northeast side of the tracks. (1)

REFERENCE SOURCE

(1) 04099

1317

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 32° 26.20'N (1)	STATION DESIGNATION MONROE
LONGITUDE 92° 06.30'W (1)	
ELEVATION 22.6 METERS (1)	COUNTRY/STATE USA/Louisiana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3856-1		g= 979 528.82 mgals	
HUS 1811			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 17N, R 4E, S 30 (NW quarter)

Station located at the junction of Highway 165 and side road (to the east) to Fellowship Baptist Church, 2.0 miles south of Monroe. On the east side of the highway at a railroad crossing, at track level. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1318

GRAVITY BASE STATION

LATITUDE 32° 00.10'N (1)	STATION DESIGNATION CLARKS
LONGITUDE 92° 08.70'W (1)	
ELEVATION 51.5 METERS (1)	COUNTRY/STATE USA/Louisiana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3857-1		g= 979 502.88 mgals	
HUS 1814			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 12N, R 3E, S 22 (SE 1/4)

Along US Highway 165, about 2.0 miles south of Clarks, at the junction of the highway and a side road to the southeast, at USC & GS marker; "124, 1949". (1)

REFERENCE SOURCE

(1) 04099

1319

ACIC HQ FORM FEB 69 O-415

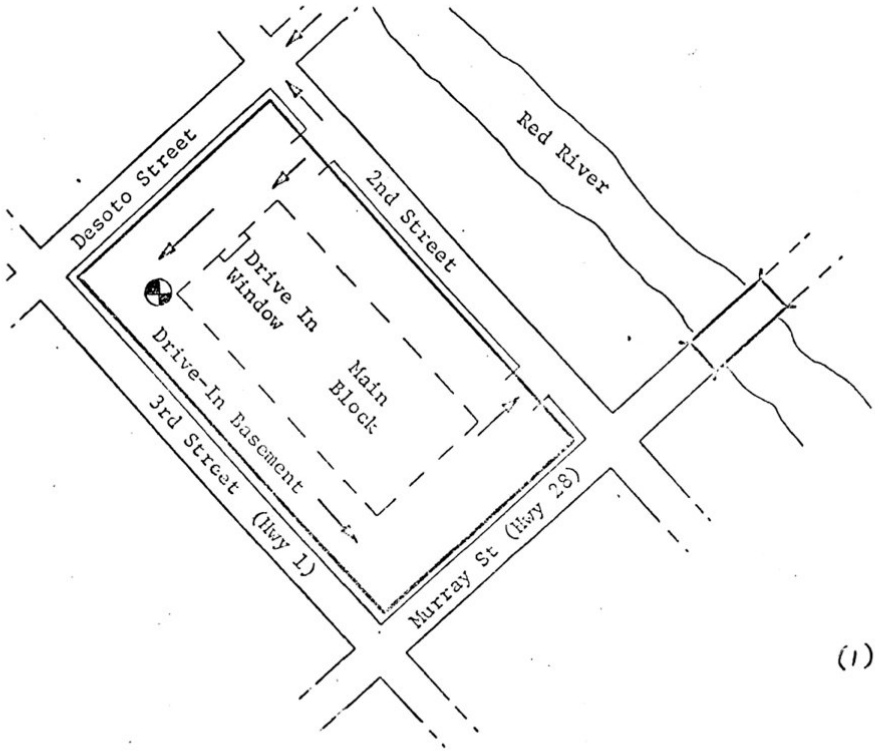
GRAVITY BASE STATION

LATITUDE 31° 18.70'N (1)	STATION DESIGNATION ALEXANDRIA
LONGITUDE 92° 26.70'W (1)	
ELEVATION 24.1 METERS (1)	COUNTRY/STATE USA/Louisiana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3858-2		g= 979 429.64 mgals	
IGB 11812B			
U 144		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Alexandria, Louisiana, at the new City Hall, on the corner of Third (Highway 1) and Murray Street (Highway 28), in the basement parking lot below the City Hall, in the west corner of the main part of the building (on the outside), on the sidewalk and below and water faucet. The station is monumented with a "USAF Gravity" disc. (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

1320

GRAVITY BASE STATION

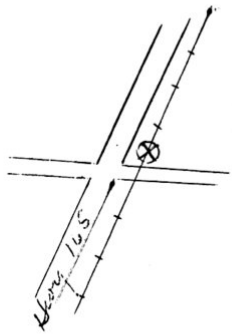
LATITUDE	STATION DESIGNATION
30° 48.83'N (1)	OAKDALE
LONGITUDE	
92° 39.88'W (1)	
ELEVATION	**COUNTRY/STATE**
35.7 METERS (1)	USA/Louisiana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3859-1			
HUS 1823		g= 979 379.21 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 3S, R 3W, S 10

In Oakdale, at the Missouri Pacific Railroad station "BM EFS 1 #1" elevation = 115 feet at BM, just east of US Highway 165, on west side of tracks. (1)



(1)

REFERENCE SOURCE

(1) 04099

1321

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 45° 22.60'N (1)	STATION DESIGNATION LINCOLN CENTER
LONGITUDE 68° 27.75'W (1)	
ELEVATION 89.3 METERS (1)	COUNTRY/STATE USA/Maine

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3860-1		g= 980 623.72 mgals	
HUS 1399			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Along Highway 6, about 1.8 miles southeast of Lincoln Center, at the "T" intersection of the highway and (north-west) Frost Street, in the northwest corner set in a boulder, at BM "293". (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1322

GRAVITY BASE STATION

LATITUDE 45° 55.90'N (1)	STATION DESIGNATION HAYNESVILLE
LONGITUDE 67° 59.60'W (1)	
ELEVATION 191.1 METERS (1)	COUNTRY/STATE USA/Maine
REFERENCE CODE NUMBERS: ACIC 3861-1; HUS 1403	ADOPTED GRAVITY VALUE: g= 980 652.42 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 3, R 2, Wels (Forkstown) Area

Along US Highway Alt 2, about 7.5 miles north of Haynesville, about 7.5 miles south of Linneus, 1.0 mile south of town line, at BM "627" on the west side of the highway in very dense underbrush, deserted houses on quadrangle. (1)

REFERENCE SOURCE

(1) 04099

1323

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 44° 46.45'N (1)	STATION DESIGNATION SKOWHEGAN
LONGITUDE 69° 37.20'W (1)	
ELEVATION 87.2 METERS (1)	COUNTRY/STATE USA/Maine

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3862-1		g= 980 558.04 mgals	
HUS 1393			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Along US Highway 2, about 5.0 miles east of Skowhegan, at the "T" intersection of the highway and East Ridge Road, in the southeast corner of the intersection, at BM "286". (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 0-415

1324

GRAVITY BASE STATION

LATITUDE 44° 49.85'N (1)	STATION DESIGNATION PHILLIPS
LONGITUDE 70° 22.45'W (1)	
ELEVATION 298.4 METERS (1)	COUNTRY/STATE USA/Maine

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3863-1		g= 980 511.58 mgals	
HUS 1390			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Along State Highway 4, about 5.0 miles east-southeast of Madrid, about 1.5 miles northwest of Phillips, at the "T" intersection of State Highways 142 and 4, on the north side of the "T" at: Witness Mark "979". (1)

REFERENCE SOURCE

(1) 04099

1325

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 44° 18.60'N (1)	STATION DESIGNATION LAKE CITY
LONGITUDE 85° 12.90'W (1)	
ELEVATION 379.2 METERS (1)	COUNTRY/STATE USA/Michigan

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3864-1		g= 980 489.97 mgals	
HUS 1671			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 22N, R 7W, (W border area), S 7 (SW quarter)

Along State Highway 66, 55, about 0.5 mile south of Lake City, at the intersection of the highway and an east-west road, in the northeast corner of the intersection, at "TTS 12S (USGS)"; elevation 1.244.125 feet. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 0-415

1326

GRAVITY BASE STATION

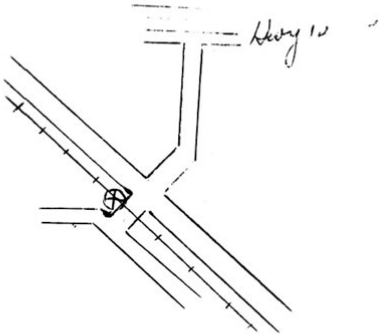
LATITUDE 43° 45.49'N (1)	STATION DESIGNATION COLEMAN
LONGITUDE 84° 35.35'W (1)	
ELEVATION 232.3 METERS (1)	COUNTRY/STATE USA/Michigan

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3867-1		g= 980 434.79 mgals	
HUS 1666			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 16N, R 2W, S 19 (SE quarter)

In the west section of Coleman, at the Chesapeake, Ohio Railroad station at BM "T 40" elevation 762 feet. (1)



(1)

REFERENCE SOURCE

(1) 04099

1327

ACIC HQ FORM FEB 68 O-415

GRAVITY BASE STATION

LATITUDE 29° 43.40'N (1)	STATION DESIGNATION APALACHICOLA
LONGITUDE 85° 05.75'W (1)	
ELEVATION 4.3 METERS (1)	COUNTRY/STATE USA/Florida

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3868-1		g= 979 312.87 mgals	
HUS 1532			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Along US Highway 98 (State Highway 10), about 4.0 miles southwest of Apalachicola Airport, about 1.5 miles northeast of Nine Mile, at the intersection of highway and road leading south to St Vincent Sound Gulf, in the center of the highway. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1328

GRAVITY BASE STATION

LATITUDE 30° 43.33'N (1)	STATION DESIGNATION CYPRESS
LONGITUDE 85° 04.75'W (1)	
ELEVATION 43.3 METERS (1)	COUNTRY/STATE USA/Florida

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3869-1		g= 979 342.13 mgals	
HUS 1523			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 4N, R 9W, S 25 (NE quarter near the east border)

Along US Highway 90, at the intersection of the highway and a north-south section road leading about 0.6 mile south to Cypress, in the southwest corner of the intersection at BM "142". (1)

REFERENCE SOURCE

(1) 04099

1329

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
30° 23.90'N (1)	PARADISE BEACH
LONGITUDE	
87° 23.50'W (1)	
ELEVATION	**COUNTRY/STATE**
6.7 METERS (1)	USA/Florida

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3870-1			
HUS 1542		g= 979 352.92 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 2S, R 31W, S 26

Along State Highway 298, about 1.5 miles east of Paradise Beach, about 2.5 miles southeast of Alabama-Florida state line, about 1.0 mile west of intersection of State Highways 298 and 297, on the north side of the highway, at BM "22". (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1330

GRAVITY BASE STATION

LATITUDE 30° 19.40'N (1)	STATION DESIGNATION POINT WASHINGTON
LONGITUDE 86° 02.95'W (1)	
ELEVATION 12.8 METERS (1)	COUNTRY/STATE USA/Florida

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3871-1		g= 979 340.92 mgals	
HUS 1537			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 3S, R 18W, S 16 (NW quarter)

Along US Highway 98 (Gulf Coast Highway), about 5.0 miles south-southeast of Point Washington, at "T" intersection of highway and road leading northeast, in the southeast corner of the intersection at BM "42". (1)

REFERENCE SOURCE

(1) 04099

1331

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 36° 14.70'N (1)	STATION DESIGNATION GRIMSLEY
LONGITUDE 85° 00.10'W (1)	
ELEVATION 548.6 METERS (1)	COUNTRY/STATE USA/Tennessee

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3872-1		g= 979 721.03 mgals	
HUS 1608			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Along State Highway 28 (Alvin C. York Highway), about 2.3 miles southwest of Grimsley, about 14.0 miles south of Jamestown, at the "T" intersection of US Highway 28 and 85, on the east side of the "T", at BM "25-22-14". BM elevation: 1800 feet. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

132

GRAVITY BASE STATION

LATITUDE 35° 29.40'N (1)	STATION DESIGNATION PIKESVILLE
LONGITUDE 85° 18.15'W (1)	
ELEVATION 234.1 METERS (1)	COUNTRY/STATE USA/Tennessee

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3873-1		g= 979 695.12 mgals	
HUS 1603			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Along State Highway 28, about 11.0 miles south of Pikesville, about 4.0 miles northeast of Bledsoe-Sequatchie county lines, about 0.1 mile east of the highway, at the intersection of Nashville, Chattanooga and St Louis railroad tracks and an east-west road (which intersects with Highway 28 further west) at BM "Z 39" elevation 768 feet. South of Pond Creek crossing. (1)

REFERENCE SOURCE

(1) 04099

333

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
37° 21.78'N (1)	DOG WALK
LONGITUDE	
84° 30.13'W (1)	
ELEVATION	**COUNTRY/STATE**
375.8 METERS (1)	USA/Kentucky

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3874-1		g= 979 858.95 mgals	
HUS 1618			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Along State Highway 39, 2.0 miles north of the Lincoln-Pulaski County lines, about 0.2 mile south of Harness Branch crossing, at the intersection of the highway and an east-west road. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 38° 23.43'N (1)	STATION DESIGNATION CYNTHIANA
LONGITUDE 84° 17.78'W (1)	
ELEVATION 221.9 METERS (1)	COUNTRY/STATE USA/Kentucky

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3875-1		g= 979 919.76 mgals	
HUS 1626			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

In the town of Cynthiana, at the Municipal Building about 1/2 block east of US Highway 27, on the west side of the railroad tracks at BM "723". BM elevation: 723 feet. (1)

REFERENCE SOURCE

(1) 04099

1335

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 31° 36.30'N (1)	STATION DESIGNATION ELLISVILLE
LONGITUDE 89° 11.80'W (1)	
ELEVATION 75.9 METERS (1)	COUNTRY/STATE USA/Mississippi

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3878-1		g= 979 470.57 mgals	
HUS 1572			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 7N, R 12W, S 3 (NW quarter)

In the town of Ellisville, at the Southern Railroad Station, track level, BM "ELLISVILLE" on the southeast side of US Highway 11, elevation = 246 feet. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 0-415

1336

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
30° 31.56'N (1)	PICAYUNE
LONGITUDE	
89° 40.78'W (1)	
ELEVATION	**COUNTRY/STATE**
20.1 METERS (1)	USA/Mississippi

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3879-1		g= 979 357.97 mgals	
HUS 1567			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 6S, R 17W, S14 (W border area)

In the town of Picayune, on the west side of US Highway 11 (State 43) at the Southern Railroad Station, track level. (1)

REFERENCE SOURCE

(1) 04099

337

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 30° 22.00'N (1)	STATION DESIGNATION PASCAGOULA
LONGITUDE 88° 33.20'W (1)	
ELEVATION 4.9 METERS (1)	COUNTRY/STATE USA/Mississippi

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3880-1		g= 979 336.74 mgals	
HUS 1546			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

In Pasacagoula, at the railroad station, track level, about 0.3 mile south of US Highway 90, on the south side of the railroad tracks, about 0.3 mile west of BM "189"; elevation BM: 16 feet. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1338

GRAVITY BASE STATION

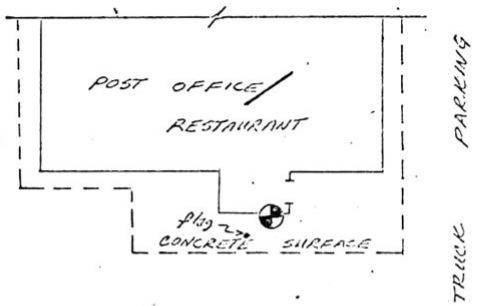
LATITUDE	STATION DESIGNATION
35° 00.6'N (1)	CLINES CORNER
LONGITUDE	
105° 40.1'W (1)	
ELEVATION	**COUNTRY/STATE**
2161.0 METERS (1)	USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3883-2		g= 979 122.79 mgals	
IGB 11955B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Clines Corner, New Mexico; at post office/restaurant combination; on concrete surface of walkway at east corner of masonry facade at entrance to building, approximately 3 ft south of door entrance, and approximately 10 feet northeast of flag pole.

Station site located at area known as Lines Corner Truck Stop. (1)



(1)

REFERENCE SOURCE

(1) 03390

1339

ACIC HQ FORM FEB 69 O-415

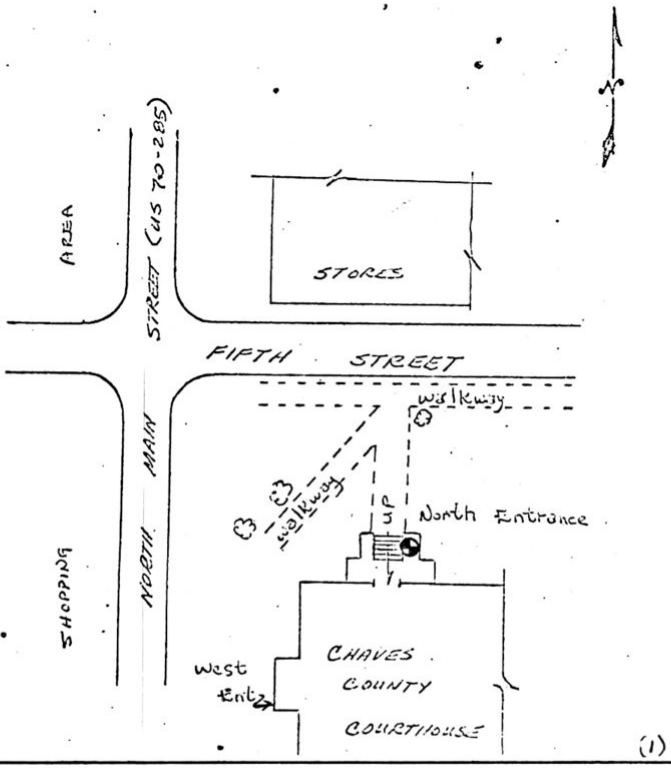
GRAVITY BASE STATION

LATITUDE 33° 23.83'N (1)	STATION DESIGNATION ROSWELL
LONGITUDE 104° 31.28'W (1)	
ELEVATION 1089.1 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 3885-2; IGB 11934B	ADOPTED GRAVITY VALUE: g= 979 252.56 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Roswell, New Mexico at north entrance to Chaves County Courthouse, on top surface of east retaining wall of steps leading to entrance at BM site.

To reach from main intersection of US route 380 (East 2nd Street) and US 70-285 (North-South Main), travel north along North Main Street to 5th Street; turn east (right) to north entrance of courthouse and station site on right. (1)



REFERENCE SOURCE

(1) 03390

ACIC HQ FORM FEB 69 0-415

1340

GRAVITY BASE STATION

LATITUDE 32° 39.85'N (1)	STATION DESIGNATION HATCH
LONGITUDE 107° 09.15'W (1)	
ELEVATION 1236.3 METERS (1)	COUNTRY/STATE USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3888-1		g= 979 145.10 mgals	
HUS 387			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 19S, R 3W, S9

In the town of Hatch, in the Atchison-Topeka and Santa Fe railway yards, at the James Dick Company Wholesale House, in the east wall, 3 feet above the ground BM stamping: "K 81, 1934". (1)

REFERENCE SOURCE

(1) 04099

1341

ACIC HQ FORM FEB 69 O-415

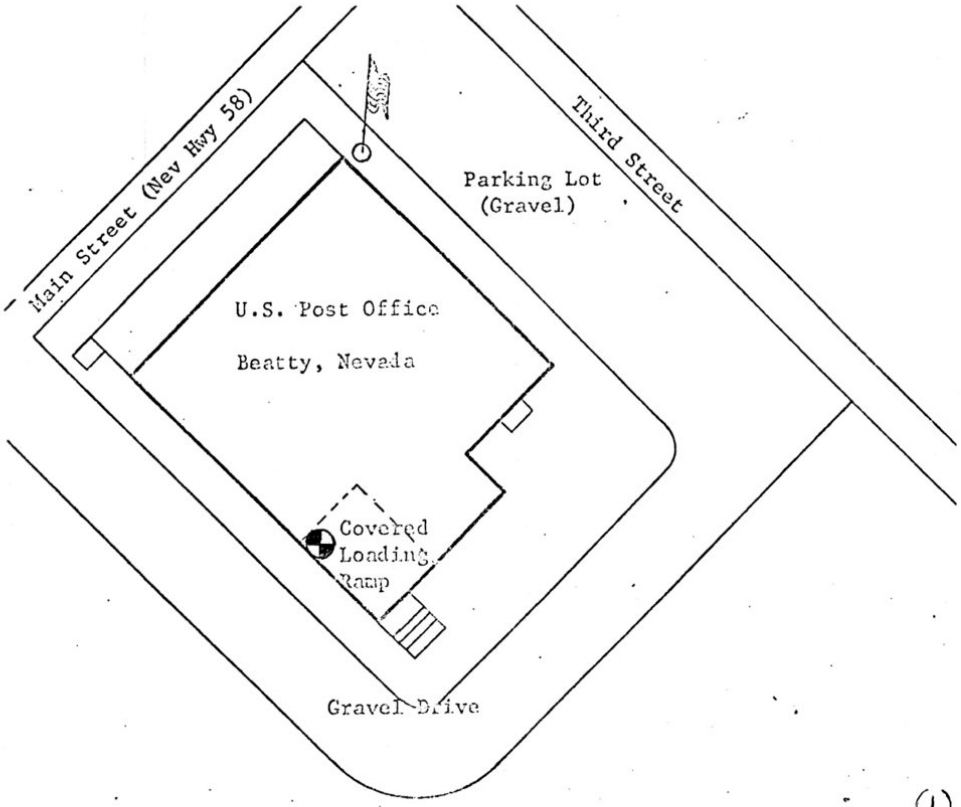
GRAVITY BASE STATION

LATITUDE 36° 54.40'N (1)	STATION DESIGNATION BEATTY
LONGITUDE 116° 45.60'W (1)	
ELEVATION 1005.8 METERS (1)	COUNTRY/STATE USA/Nevada

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3898-2		g = 979 580.20 mgals	
IGB 12066B			
NHO 32.46		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in downtown Beatty, Nevada, about one block southwest of the junction of US Highway 95 and Nevada Highway 58 (Main Street), at the US Post Office on the west corner of the covered loading ramp which is on the south corner of the building, about 2 feet above the ground. The station is marked with a standard USAF Gravity disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

1342

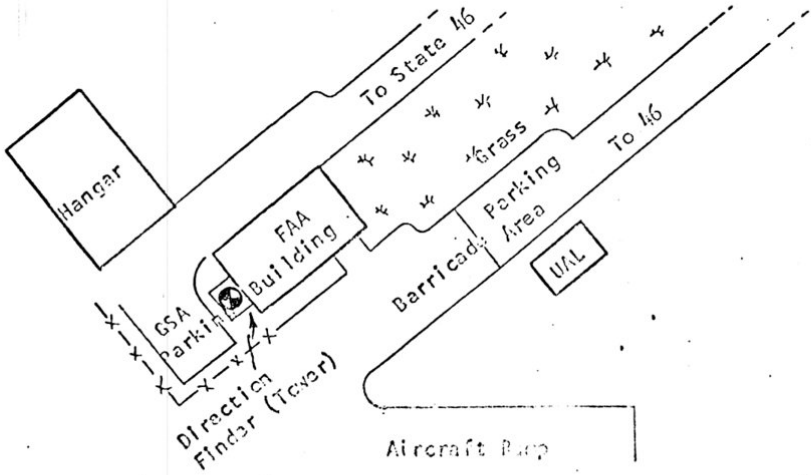
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
40° 49.66'N (1)	ELKO
LONGITUDE 115° 46.78'W (1)	
ELEVATION 1546.77 METERS (1)	**COUNTRY/STATE** USA/Nevada

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3899-2		g= 979 753.91 mgals	
ICB 15605J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

This station is located at the Elko Airport under the Federal Aviation Agency Aircraft Direction Finder, and is centered in the concrete slab that supports the Aircraft Direction Finder. To reach from the intersection of US Highway 40 and Nevada State Highway 46 going south from Elko, go southwest on US 40 for 0.8 mile, turn right northwest; go 0.3 mile on State 46 North, turn left, southwest for 0.1 mile to the far end of the FAA building and station. The station is marked by a standard USC & GS disc stamped "Z 298 Reset 1967". (1)



(1)

REFERENCE SOURCE

(1) 03405

1343

ACIC HQ FORM FEB 69 O-415

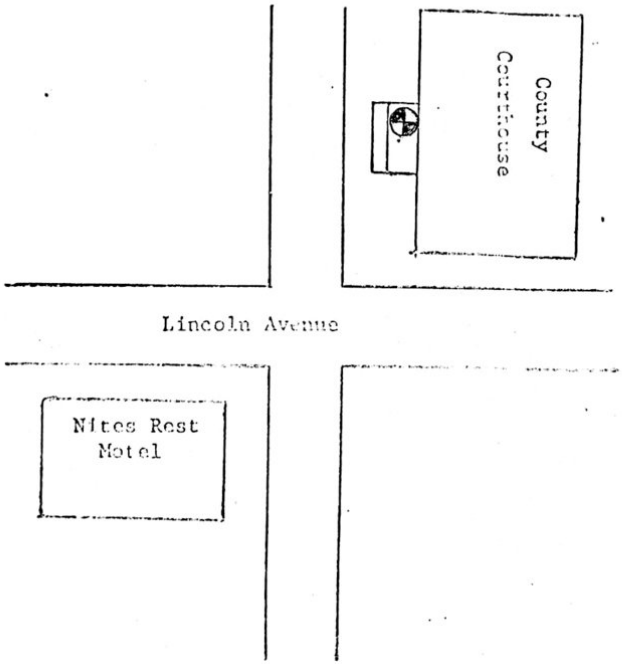
GRAVITY BASE STATION

LATITUDE 40° 29.75'N (1)	STATION DESIGNATION STEAMBOAT SPRINGS
LONGITUDE 106° 49.54'W (1)	
ELEVATION 2040.60 METERS (1)	COUNTRY/STATE USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3903-2		g= 979 590.34 mgals	
IGB 15506B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Steamboat Springs, on Lincoln Avenue at the County Courthouse, on the west side of the building on the cement step. The station is monumented with a USAF disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

1344

GRAVITY BASE STATION

LATITUDE 39° 17.02'N (1)	STATION DESIGNATION ALMA
LONGITUDE 106° 03.72'W (1)	
ELEVATION 3155.3 METERS (1)	COUNTRY/STATE USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3904-1		g= 979 187.22 mgals	
HUS 1901			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

In the village of Alma, Colorado, at creek crossing, in the south end of village. Station is at BM level, BM "H 6, 1927". Reset 1967 USGS BM is in northwest corner of bridge. (1)

REFERENCE SOURCE

(1) 04099

1345

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
39° 24.35'N (1)	BAILEY
LONGITUDE	
105° 28.60'W (1)	
ELEVATION	**COUNTRY/STATE**
2358.5 METERS (1)	USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3905-1		g= 979 436.27 mgals	
HUS 1911			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 7S, R 72W, S 29

On the south side of Highway 285, in the town of Bailey, at bureau of reclamation BM "M 14 Datum 7737.944". Station is at BM level, BM is on south end of culvert. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 0-415

1346

GRAVITY BASE STATION

LATITUDE 40° 36.70'N (1)	STATION DESIGNATION PIERCE
LONGITUDE 104° 44.53'W (1)	
ELEVATION 1520.6 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 3906-1; HUS 614	ADOPTED GRAVITY VALUE: g= 979 749.03 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 8, 7N, borders R 66W, S 35, 2 borders

Along US Highway 85, about 1.75 miles south of Pierce, at a graveled road crossing, southwest of BM "4990 Denver 1908"; BM elevation: 4987.959 feet. (1)

REFERENCE SOURCE

(1) 04099

1347

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 37° 24.00'N (1)	STATION DESIGNATION AQUILAR
LONGITUDE 104° 37.83'W (1)	
ELEVATION 1946.5 METERS (1)	COUNTRY/STATE USA/Colorado

REFERENCE CODE NUMBERS	
ACIC 3909-1	
HUS 643	

ADOPTED GRAVITY VALUE	
g= 979 347.12 mgals	
ESTIMATED ACCURACY	DATE
± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 30S, R 65W, S 26 (SE quarter)

Station is located on east side of US Highway 85, 87, approximately 1.2 miles south of Aquilar. At the intersection of the highway and road (leading to St Anthony's Cemetary), at Triangulation Station "AQUILAR 1949" BM elevation: 6391 feet. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1348

GRAVITY BASE STATION

LATITUDE 37° 50.81'N (1)	STATION DESIGNATION POPE ARROYO
LONGITUDE 104° 50.01'W (1)	
ELEVATION 1809.0 METERS (1)	COUNTRY/STATE USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3916-1		g= 979 436.19 mgals	
HUS 639			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 25S, R 67W, S 24

Station is located on west side of US Highway 85, 87, 25 feet from the north end of bridge crossing Pope Arroyo and BM "L 025-145-718+ 83.3"; elevation: 5935 feet. (1)

REFERENCE SOURCE

(1) 04099

1349

ACIC HQ FORM FEB 69 O-415

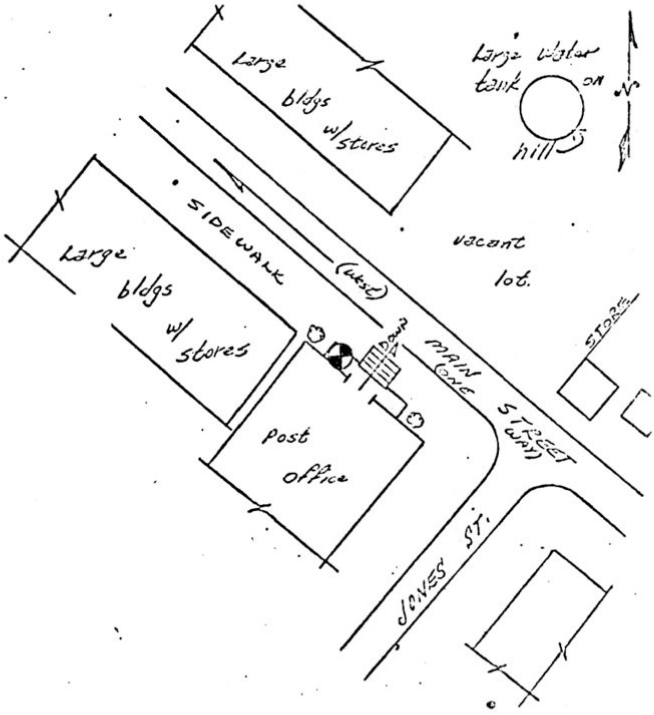
GRAVITY BASE STATION

LATITUDE 33° 07.80'N (1)	STATION DESIGNATION TRUTH OR CONSEQUENCES
LONGITUDE 107° 15.16'W (1)	
ELEVATION 1296.9 METERS (1)	COUNTRY/STATE USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3918-1		g= 979 168.06 mgals	
IGB 11937B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 06/70

DESCRIPTION AND/OR SKETCH

At the Post Office, on concrete surface at entrance to building, approximately 3.0 feet Northwest (right) of main doors, outside of building. Station site located at street intersection of Main Street (northwest-southeast paved) and Jones Street, ('T' Street south-southwest). (1)



(1)

REFERENCE SOURCE

(1) 03390

ACIC HQ FORM FEB 69 O-415

1350

GRAVITY BASE STATION

LATITUDE 44° 48.6'N (1)	STATION DESIGNATION GRANITE FALLS
LONGITUDE 95° 32.7'W (1)	
ELEVATION 279.69 METERS (1)	COUNTRY/STATE USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3926-2		g= 980 533.89 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Granite Falls, Yellow Medicine County, across the street from the county courthouse, in the southwest corner of the southwest wing of a public school, about 30 feet west of the center line of the doorway at the west entrance and 8.4 feet below the horizontal stone ledge around the building. A standard USC & GS disk, stamped "920.139 Granite Falls 1933" and set vertically. Gravity station is located on concrete retaining wall 21 inches southwest of BM (29 inches south along retaining wall from wall of school.) (1)

REFERENCE SOURCE

(1) 03409

351

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 44° 46.2'N (1)	STATION DESIGNATION GLENCOE
LONGITUDE 94° 09.1'W (1)	
ELEVATION 305.4 METERS (1)	COUNTRY/STATE USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3927-2		g= 980 512.05 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Glencoe, McLeod County west of the courthouse, at the community building, and on the west side of the front entrance in the southwest corner of the concrete porch. A standard USC & GS disk stamped "U 123 1934". Gravity station is on top of BM. (1)

REFERENCE SOURCE

(1) 03409

ACIC HQ FORM FEB 69 0-415

1352

GRAVITY BASE STATION

LATITUDE 47° 48.19'N (1)	STATION DESIGNATION FISHER
LONGITUDE 96° 47.96'W (1)	
ELEVATION 260.0 METERS (1)	COUNTRY/STATE USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3930-1		g= 980 799.15 mgals	
HUS 1252			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 150N, R 48W, S 22 (NW quarter)

In north portion of Fisher, at the Great Northern Railroad station, track level, about 0.06 mile south of BM stamping: "Y 6"; BM elevation: 853.122 feet. (1)

REFERENCE SOURCE

(1) 04099

1353

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 44° 58.75'N (1)	STATION DESIGNATION TAMARACK
LONGITUDE 116° 22.15'W (1)	
ELEVATION 1261.6 METERS (1)	COUNTRY/STATE USA/Idaho

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3934-1		g= 980 221.96 mgals	
HUS 136			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 19N, R 1E, S 17

Along Highway 95, 195 feet northwest of bridge 91, 45 feet southeast of the centerline of Highway 95, stamping: "M 27 1933" elevation: 4143.578 feet. Station (HUS 136) is across (west side) the highway from the BM. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 0-415

1354

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
45° 22.35'N (1)	RIGGINS
LONGITUDE	
116° 21.40'W (1)	
ELEVATION	**COUNTRY/STATE**
608.3 METERS (1)	USA/Idaho

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3935-1		g= 980 377.73 mgals	
HUS 139			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 24N, R 1E, S 32

Station is 5 feet lower than BM and 4.3 miles south along US Highway 95 from the public school at Riggins, 510 feet south of the concrete bridge over Rapid River, 130 feet north of the northeast corner of a frame house, 88 feet west of the centerline of Highway 95, 9.5 feet south of the centerline of a road leading to the frame house, stamping: "C 10 1921" elevation: 2001.548. (1)

REFERENCE SOURCE

(1) 04099

1355

ACIC HQ FORM FEB 69 O-415

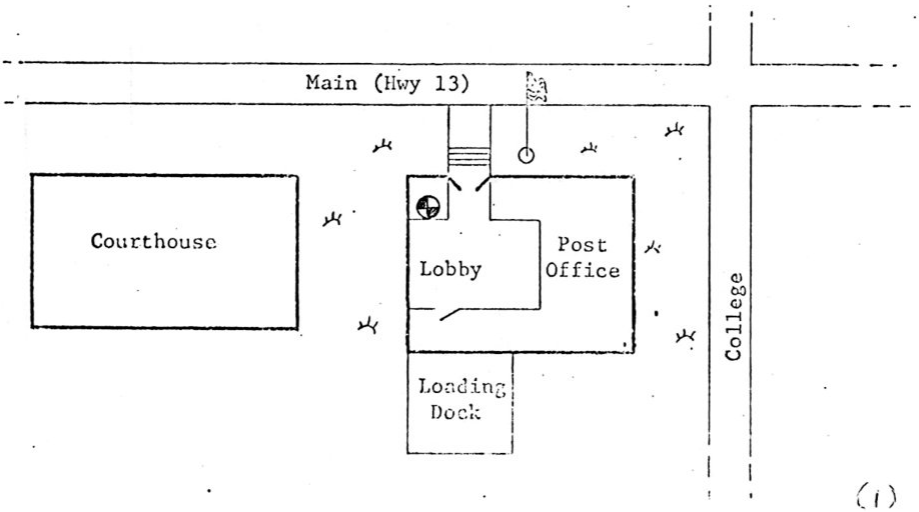
GRAVITY BASE STATION

LATITUDE 45° 55.57'N (1)	STATION DESIGNATION GRANGEVILLE
LONGITUDE 116° 07.30'W (1)	
ELEVATION 1036.32 METERS (1)	COUNTRY/STATE USA/Idaho

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3936-2		g= 980 396.20 mgals	
IGB 15656B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Grangeville, at the US Post Office, inside the main entrance, three feet west of the doors, next to a wall heater. The station is monumented with a USAF Gravity Base Station disc. (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

1356

GRAVITY BASE STATION

LATITUDE 46° 28.45'N (1)	STATION DESIGNATION UNION TOWN
LONGITUDE 117° 02.30'W (1)	
ELEVATION 810.5 METERS (1)	COUNTRY/STATE USA/Washington

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3937-1		g = 980 522.19 mgals	
HUS 151			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 36N, R 6W, S 12
(Washington-Idaho border)

5.0 miles south along US Highway 195, from the Community Building at Union town, Washington; 0.3 mile east along Highway 95, at the Washington-Idaho state line. At a point where a powerline crosses the highway, 22 feet northwest of the center line of the highway. Set in concrete post, 1.1 feet above the ground. (1)

REFERENCE SOURCE

(1) 04099

1357

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 43° 49.63'N (1)	STATION DESIGNATION SAGE JUNCTION
LONGITUDE 112° 07.95'W (1)	
ELEVATION 1470.4 METERS (1)	COUNTRY/STATE USA/Idaho

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3939-1		g= 980 089.67 mgals	
HUS 224			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 6N, R 37E, S 20

Station is 25 feet west of railroad, northeast of BM "Q 90, 1959". BM is 44.5 feet south of the centerline of Highway 88, about 3.0 miles east of Sage Junction. elevation: 4824 feet. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1358

GRAVITY BASE STATION

LATITUDE 44° 29.60'N (1)	STATION DESIGNATION GILMORE
LONGITUDE 113° 15.75'W (1)	
ELEVATION 2065.0 METERS (1)	COUNTRY/STATE USA/Idaho
REFERENCE CODE NUMBERS: ACIC 3940-1; HUS 216	ADOPTED GRAVITY VALUE: g= 980 089.67 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: 10/70

DESCRIPTION AND/OR SKETCH

T 14N, R 27E, S 32

Station is on east side of State Highway 28, 400 feet south of BM stamping: "M 33" BM elevation: 6783.523 feet. (1)

REFERENCE SOURCE

(1) 04099

1354

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 45° 07.32'N (1)	STATION DESIGNATION WYOLA
LONGITUDE 107° 23.73'W (1)	
ELEVATION 1135.7 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3941-1		g= 980 263.52 mgals	
HUS 574			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 3S, R 35E, S 23

Along US Highway 87, about 0.35 mile south of Wyola, on the west side of highway, 40 feet east of railroad crossing, at the intersection of the highway and a blacktop road (leading west) at Triangulation Station: "SID Azimuth 1957" BM elevation: 3725.373 feet. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1360

GRAVITY BASE STATION

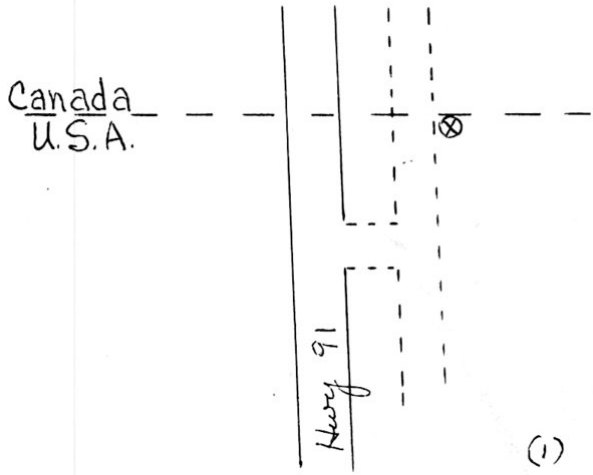
LATITUDE 48° 59.90'N (1)	STATION DESIGNATION SWEETGRASS
LONGITUDE 111° 57.45'W (1)	
ELEVATION 1057.0 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3942-1		g= 980 690.66 mgals	
HUS 174			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 37N, R 3W, S 2

At the US-Canada border, in the concrete base of the US-Canada Boundary Monument 334, (Sweetgrass, Montana). Stamping: "DATUM" (H12) elevation: 3467.001 feet. (1)



(1)

REFERENCE SOURCE

(1) 04099

1361

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 45° 40.78'N (1)	STATION DESIGNATION DUNMORE
LONGITUDE 107° 30.28'W (1)	
ELEVATION 902.5 METERS (1)	COUNTRY/STATE USA/Montana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3943-1		g= 980 407.41 mgals	
HUS 570			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 2S, R 34E, S 3, 10 border

Station is located at Dunmore exit, 100 feet east of a railroad crossing (the road), on the north corner of old US Highway 87.

(1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1362

GRAVITY BASE STATION

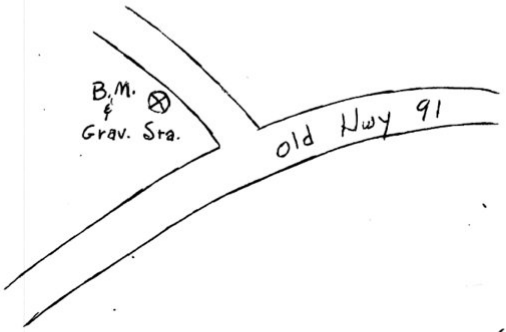
LATITUDE 45° 00.30'N (1)	STATION DESIGNATION GRANT
LONGITUDE 113° 12.50'W (1)	
ELEVATION 1842.2 METERS (1)	COUNTRY/STATE USA/Montana
REFERENCE CODE NUMBERS: ACIC 3945-1; HUS 212	ADOPTED GRAVITY VALUE: g= 980 058.19 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 9S, R 13W, S 33

Station is located on north side of a light duty road, 0.15 of a mile northwest of a road junction, about 1.0 mile west of entrance to an airstrip. BM stamping: "R 5" BM elevation: 6044 feet.

(1)



(1)

REFERENCE SOURCE

(1) 04099

1363

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 47° 27.35'N (1)	STATION DESIGNATION UNDERWOOD
LONGITUDE 101° 08.08'W (1)	
ELEVATION 617.5 METERS (1)	COUNTRY/STATE USA/North Dakota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3946-1		g= 980 679.39 mgals	
HUS 1271			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 146N, R 82W, S21

In town of Underwood, North Dakota, about 7.5 miles southeast of Coleharbor, at the Soo Line railroad station, on the southwest side of the tracks, track level. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 0-415

1364

GRAVITY BASE STATION

LATITUDE 40° 42.00'N (1)	STATION DESIGNATION WELLFLEET
LONGITUDE 100° 41.33'W (1)	
ELEVATION 894.9 METERS (1)	COUNTRY/STATE USA/Nebraska

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3948-1		g= 979 972.70 mgals	
HUS 1315			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T9, 8N borders, R 30W, S 36, 2 borders

Along US Highway 83, at the Lincoln-Frontier County lines, about 4.0 miles south of Wellfleet. (1)

REFERENCE SOURCE

(1) 04099

1365

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 51.77'N (1)	STATION DESIGNATION THEDFORD
LONGITUDE 100° 33.47'W (1)	
ELEVATION 894.6 METERS (1)	COUNTRY/STATE USA/Nebraska

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3949-1		g= 980 084.01 mgals	
HUS 1308			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T.22N, R.28W, S21

Along US Highway 83, about 8.5 miles South of Thedford, at the junction of the highway and an east-northwest cross road, about 6.2 miles North of Dismal River crossing the highway, on the east side of the highway. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1366

GRAVITY BASE STATION

LATITUDE 41° 32.85'N (1)	STATION DESIGNATION BLAIR
LONGITUDE 96° 08.11'W (1)	
ELEVATION 331.0 METERS (1)	COUNTRY/STATE USA/Nebraska

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3950-1		g= 980 174.14 mgals	
HUS 1192			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T18N, R.11E, S12

In the town of Blair, Nebraska, about 0.15 mile Southeast of junction of US Highway 30 and US Highway 73, at Blair railroad station (Chicago and Northwestern), at track level. (1)

REFERENCE SOURCE

(1) 04099

1367

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 40° 02.94'N (1)	STATION DESIGNATION FALLS CITY
LONGITUDE 95° 36.09'W (1)	
ELEVATION 274.6 METERS (1)	COUNTRY/STATE USA/Nebraska

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3951-1		g= 980 078.09 mgals	
HUS 1182			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T.1N, R.16E, S15

At the railroad station in Falls City, at track level. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 0-415

1368

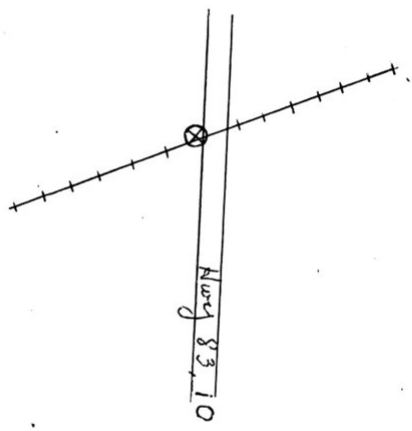
GRAVITY BASE STATION

LATITUDE 45° 49.96'N (1)	STATION DESIGNATION HERREID
LONGITUDE 100° 04.13'W (1)	
ELEVATION 513.0 METERS (1)	COUNTRY/STATE USA/South Dakota
REFERENCE CODE NUMBERS: ACIC 3952-1; HUS 1282	ADOPTED GRAVITY VALUE: g= 980 560.54 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 127N, R 76W, S .7

In the town of Herreid, South Dakota, in the southern part of town, at the Soo Line railroad station, track level, at BM stamping: "X 66" elevation 1683 feet. (1)



(1)

REFERENCE SOURCE

(1) 04099

1369

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 58.73'N (1)	STATION DESIGNATION EGAN
LONGITUDE 96° 43.71'W (1)	
ELEVATION 506.3 METERS (1)	COUNTRY/STATE USA/South Dakota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3953-1		g= 980 378.79 mgals	
HUS 1207			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 106N, R 49W, S 20 (NE quarter)

Station is west of a "T" intersection of US Highway 77 and State Highway 34, about 4.0 miles southwest of Egan, about 3.0 miles east of the junction of US 77 and South Dakota 34, at Lone Tree, in the southwest corner of the "T" intersection. (1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 0-415

1370

GRAVITY BASE STATION

LATITUDE 42° 49.30'N (1)	STATION DESIGNATION JUNCTION CITY
LONGITUDE 96° 48.37'W (1)	
ELEVATION 375.2 METERS (1)	COUNTRY/STATE USA/South Dakota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3954-1		g= 980 343.20 mgals	
HUS 1201			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 92N, R 50W, S 6 (NW quarter)

Along US Highway 77, about 2.5 miles northwest of Junction City, 1.0 mile west of US 77, and 1.0 mile northwest of Walnut Grove School, east of the Clay-Union County lines, in the northwest section corner. (1)

REFERENCE SOURCE

(1) 04099

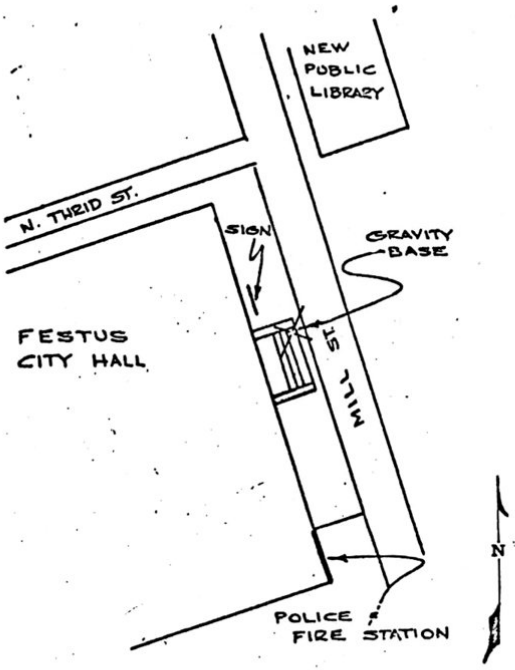
1371 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 38° 13.3'N (1)	STATION DESIGNATION FESTUS
LONGITUDE 90° 23.6'W (1)	
ELEVATION 146.3 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 3957-2	ADOPTED GRAVITY VALUE: g= 979 990.16 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located on the north end of bottom step to the main entrance to the city hall at Festus, Missouri. The city hall is at the intersection of Mill and North 3rd Street, two blocks north of State Route 21A. (1)



(1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 69 O-415

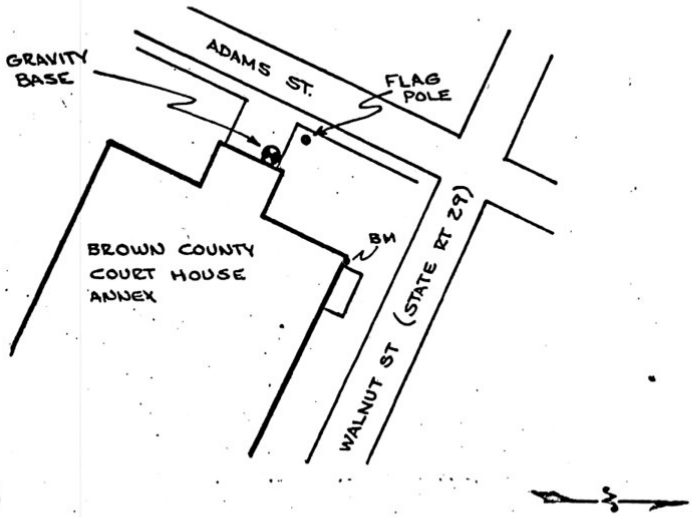
1372

GRAVITY BASE STATION

LATITUDE 44° 30.8'N (1)	STATION DESIGNATION GREEN BAY
LONGITUDE 88° 00.85'W (1)	
ELEVATION 179.5 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS: ACIC 3961-2; IGB 15348B	ADOPTED GRAVITY VALUE: g= 980 506.92 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located at Green Bay, near the intersection of Adams and Walnut (State Route 29) Streets, at the Brown County Court House Annex (Formerly US Post Office), at the northwest entrance fronting on Adams Street, northeast of the door, at the corner on the sidewalk. To reach station from junction of State Route 29, 32, and US Route 41, 141, follow State Route 29, 32 (Walnut Street) southeast for approximately 1.5 miles. (1)



(1)

REFERENCE SOURCE

(1) 03447

1373 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 45°22.25'N (1)	STATION DESIGNATION WAUSAUKEE
LONGITUDE 87°57.14'W (1)	
ELEVATION 226.8 METERS (1)	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3962-1		g= 980 569.32 mgals	
HUS 1704			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	MONTH/YEAR Oct 1970

DESCRIPTION AND/OR SKETCH

T.34N., R.20E., S.36 (SW quarter)

In the southeast part of Wausaukee, at the Chicago, Milwaukee, St. Paul and Pacific railroad station, just west of US highway #141.

(1)

REFERENCE SOURCE

(1) 04099

ACIC HQ FORM FEB 69 O-415

1374

GRAVITY BASE STATION

LATITUDE 46° 00.44'N (1)	STATION DESIGNATION DANBURY
LONGITUDE 92° 21.81'W (1)	
ELEVATION 284.4 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS: ACIC 3963-1; HUS 1229	ADOPTED GRAVITY VALUE: g= 980 716.34 mgals
	ESTIMATED ACCURACY: ± 0.3 mgals
	DATE — MONTH/YEAR: Oct 1970

DESCRIPTION AND/OR SKETCH

T.41N., R.16 W., S-28

In the eastern outskirts of Danbury, at the "T" junction of state highways #77 and #35, about 0.25 mile N of highway #35 crossing Yellow River, and on the W side of highway #35, at BM stamping: BM elevation: 933 feet. (1)

REFERENCE SOURCE

(1) 04099

1375 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

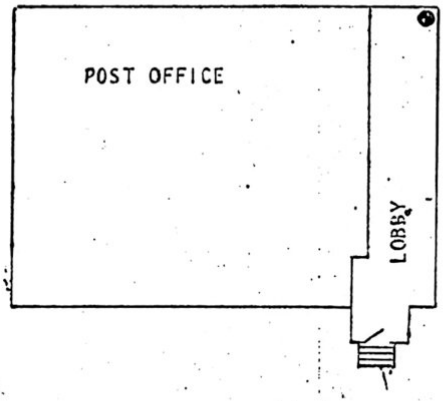
LATITUDE 32° 46.20'N (1)	STATION DESIGNATION SILVER CITY
LONGITUDE 108° 16.68'W (1)	
ELEVATION 1797.7 METERS (1)	COUNTRY/STATE USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3968-1		g= 979 020.30 mgals	
IGB 11928B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Silver City, inside the post office, in the lobby containing the post office boxes, in the northeast corner, on the terrazzo floor. The station is monumented with a standard "USAF Gravity Station" disk.

(1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

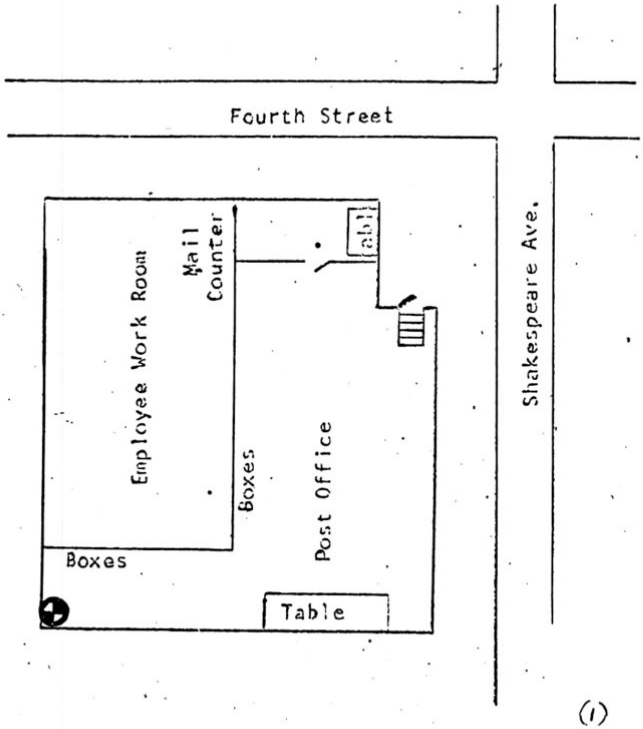
1376

GRAVITY BASE STATION

LATITUDE 32°18.52'N (1)	STATION DESIGNATION LORDSBURG
LONGITUDE 108°41.90'W (1)	
ELEVATION 1296.6 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 3969-1; IGB 11928C	ADOPTED GRAVITY VALUE: g= 979 122.51 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located at Lordsburg, inside the new Post Office in the far back of the public mail box section on the floor in the west corner of the building, monumented with a USAF Gravity Disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

1377

ACIC HQ FORM FEB 69 0-415

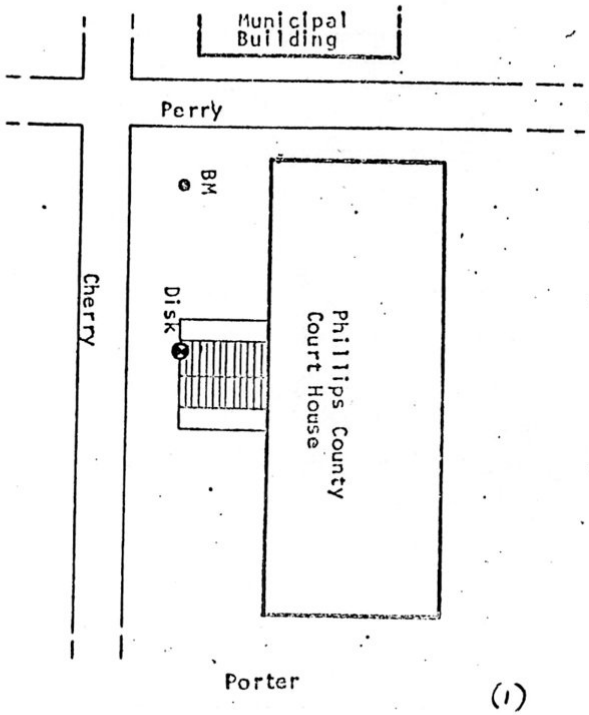
GRAVITY BASE STATION

LATITUDE 34° 31.73'N (1)	STATION DESIGNATION HELENA
LONGITUDE 90° 35.14'W (1)	
ELEVATION 57.91 METERS (1)	COUNTRY/STATE USA/Arkansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3970-1		g= 979 683.30 mgals	
IGB 11840B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Helena, Arkansas, (at the southeast corner of Cherry and Perry Streets) at the Phillips County Court House, at the main entrance, on the north side of the bottom step, next to a cement railing. The station is monumented with a USAF Gravity disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

1378

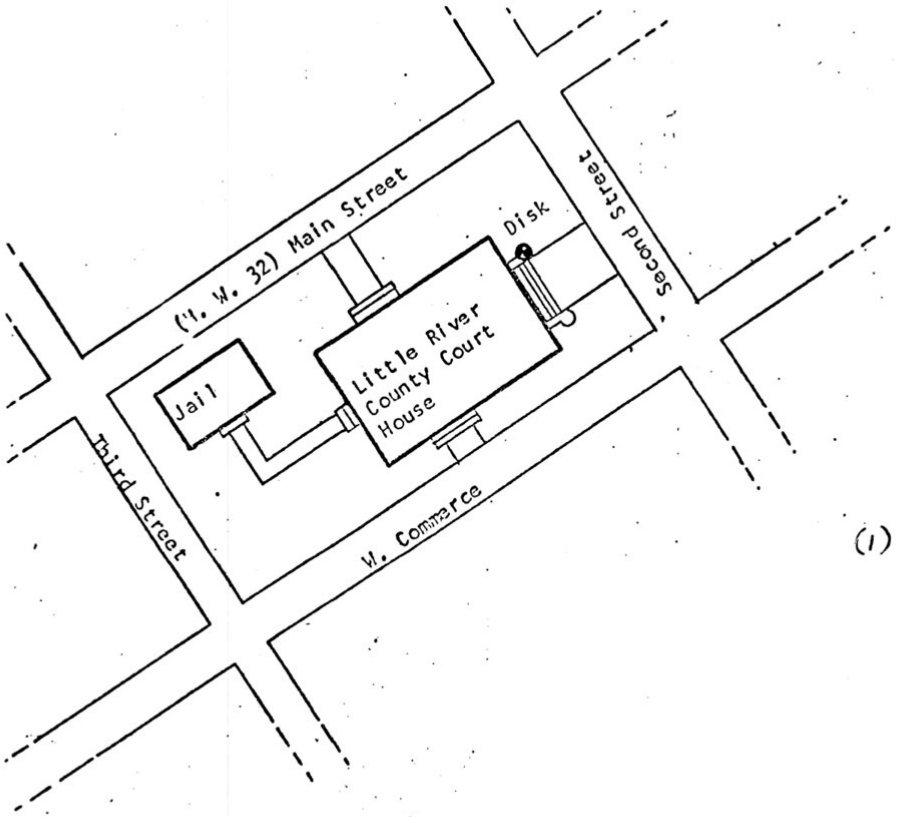
GRAVITY BASE STATION

LATITUDE 33° 40.35'N (1)	STATION DESIGNATION ASHDOWN
LONGITUDE 94° 07.97'W (1)	
ELEVATION 100.58 METERS (1)	COUNTRY/STATE USA/Arkansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3971-1		g= 979 610.42 mgals	
IGB 11834B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Ashdown, Arkansas, on 2nd Street between West Commerce and Main Street, at the Little River County Court House, on top of the north concrete railing. The station is monumented with a "USAF Gravity" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

1379

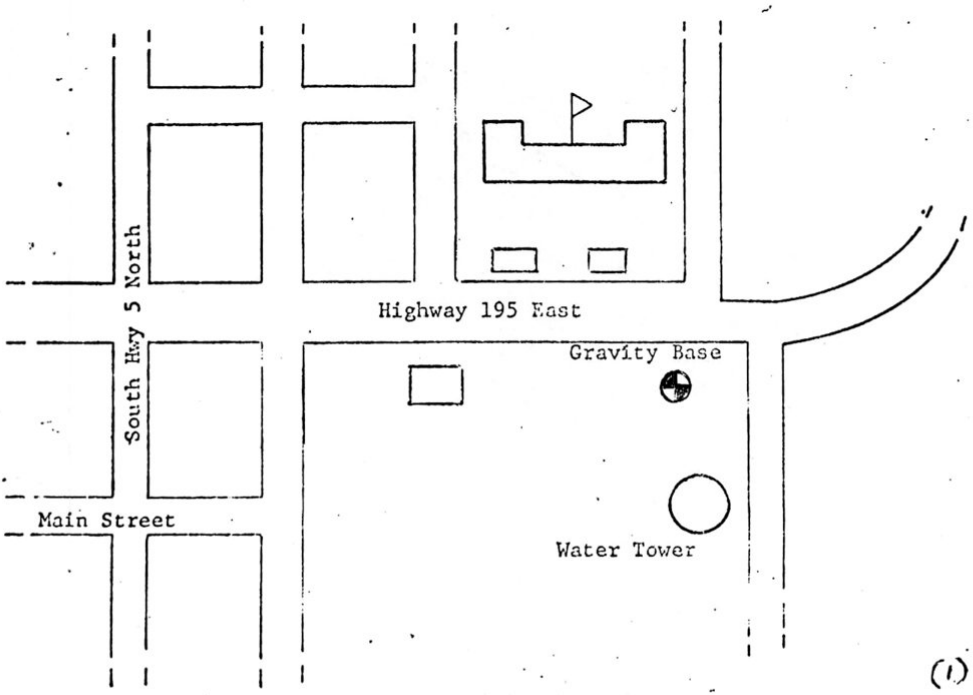
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 34° 13.65'N (1)	STATION DESIGNATION HALEYVILLE
LONGITUDE 87° 36.97'W (1)	
ELEVATION 299.62 METERS (1)	COUNTRY/STATE USA/Alabama
REFERENCE CODE NUMBERS: ACIC 3972-1; IGB 11747J	ADOPTED GRAVITY VALUE: g= 979 636.37 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Haleyville, at the city water tower, 43 feet south of the centerline of Highway 195, 46.5 feet east of a white house, 17 feet north of the tower, 12 feet west of a water main. The station is marked with bronze disc stamped "Haleyville 1939". (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

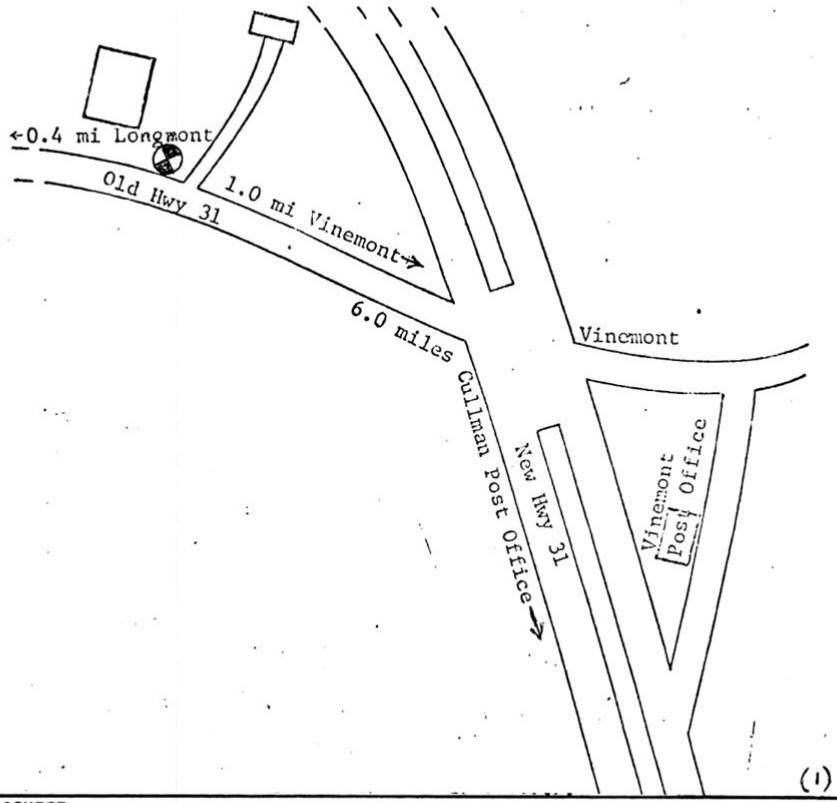
1380

GRAVITY BASE STATION

LATITUDE 34° 14.9'N (1)	STATION DESIGNATION VINEMONT
LONGITUDE 86° 52.5'W (1)	
ELEVATION 306.63 METERS (1)	COUNTRY/STATE USA/Alabama
REFERENCE CODE NUMBERS: ACIC 3973-1; IGB 11746K	ADOPTED GRAVITY VALUE: g= 979 597.51 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located near Vinemont, along old Highway 31, 1.0 mile west of Vinemont, 0.4 mile southeast of Longview, 6.0 miles northwest of Cullman Post Office, 10 feet northwest of a road intersection, 20 feet northeast of the centerline of old Highway 31, on a BM set in a concrete post. The station is marked with a standard BM "MLB 1162". (1)



REFERENCE SOURCE

(1) 03405

1381

ACIC HQ FORM FEB 69 0-415

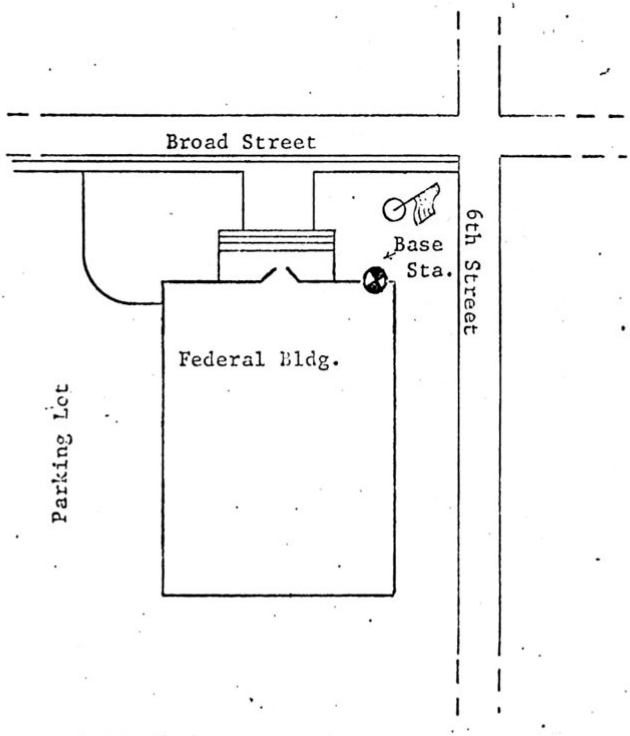
GRAVITY BASE STATION

LATITUDE 34° 00.7'N (1)	STATION DESIGNATION GADSDEN
LONGITUDE 86° 00.4'W (1)	
ELEVATION 168.86 METERS (1)	COUNTRY/STATE USA/Alabama

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3974-1		g= 979 602.73 mgals	
IGB 11746C			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Gadsden, on the corner of Broad Street and 6th Street, at the Federal Building, on the northeast corner of the building, 10 feet south of the flagpole, on the ground below a BM. The station is marked by the BM. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

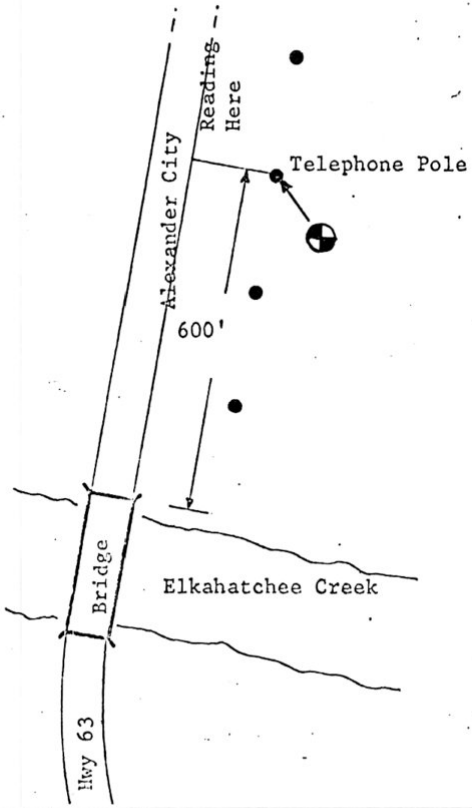
1382

GRAVITY BASE STATION

LATITUDE 32° 53.36'N (1)	STATION DESIGNATION ALEXANDER CITY
LONGITUDE 85° 57.71'W (1)	
ELEVATION 164.6 METERS (1)	COUNTRY/STATE USA/Alabama
REFERENCE CODE NUMBERS: ACIC 3975-1; IGB 11725K	ADOPTED GRAVITY VALUE: g= 979 489.86 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is south of Alexander City, along Highway 63, 2.7 miles south of Highway Junction 280 and 63, 600 feet north of the Elkahatchee Creek Bridge, and on the third telephone pole from the creek on the east side of the road. The station is on pole 57 and has a metal disk #309 on it. Readings were taken directly out from the telephone pole 15 feet from the centerline of the highway. (1)



(1)

REFERENCE SOURCE

(1) 03405

1383 ACIC HQ FORM FEB 69 O-415

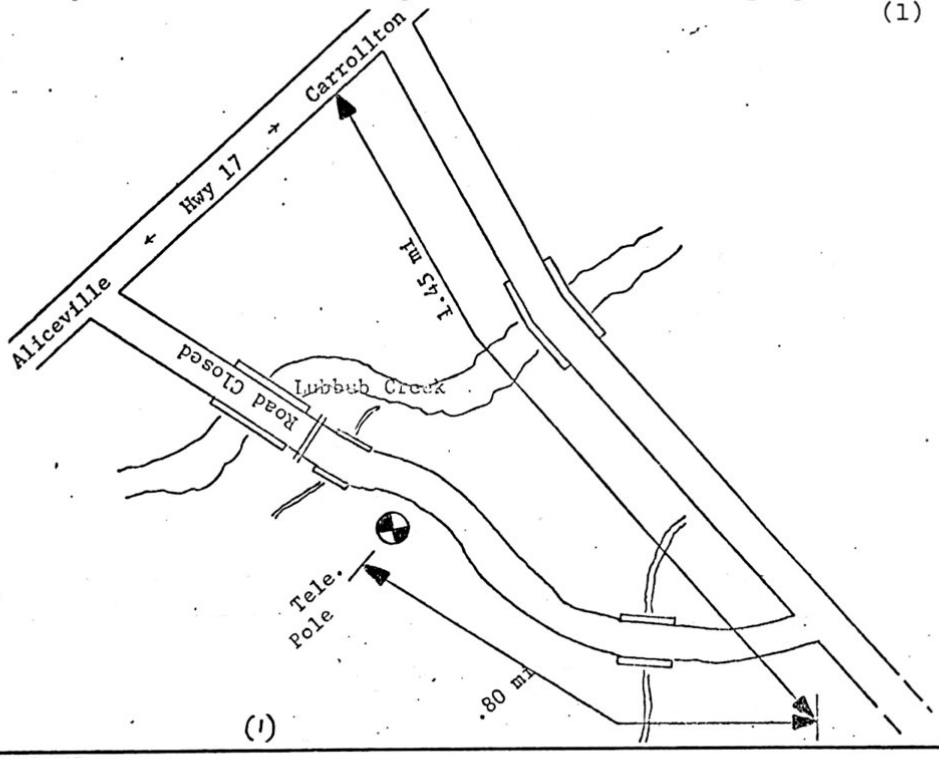
GRAVITY BASE STATION

LATITUDE 33° 09.06'N (1)	STATION DESIGNATION ALICEVILLE
LONGITUDE 88° 06.09'W (1)	
ELEVATION 76.00 METERS (1)	COUNTRY/STATE USA/Alabama

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3976-1		g= 979 553.02 mgals	
IGB 11738J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located between Aliceville and Carrollton, Alabama, on a dirt road leading east from Highway 17 and .3 miles east of Lubbub Creek (main stream). To reach the station from Aliceville, go 3.15 miles northeast from Highway Junction 17 & 14, along Highway 17 to paved road, turn right, southeast, onto paved road, and go 1.45 miles to dirt road, turn sharp right (160°), west, onto road and go .80 mile to left-hand curve and station. The station is monumented with a USAF Gravity Station five feet up a telephone pole that has another pole has a brace leaning against it. (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

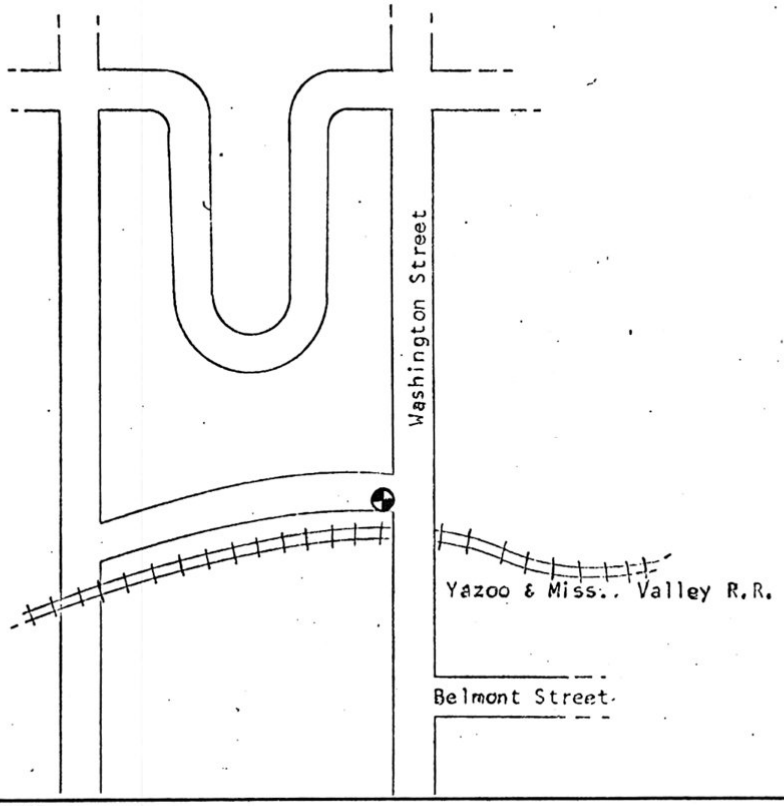
1384

GRAVITY BASE STATION

LATITUDE 32° 20.65'N (1)	STATION DESIGNATION VICKSBURG
LONGITUDE 90° 53.02'W (1)	
ELEVATION 58.83 METERS (1)	COUNTRY/STATE USA/Mississippi
REFERENCE CODE NUMBERS: ACIC 3977-1; IGB 11820J	ADOPTED GRAVITY VALUE: g= 979 499.98 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

This station is located at Vicksburg, Warren County, Mississippi; on top of the first stone step on the northwest wingwall at the west end of Yazoo and Mississippi Valley Railroad underpass under Washington Street; 19 feet north of centerline of track. This station is a standard bronze disc, stamped "Z-59 1935" and is a USC & GS marker. (1)



(1)

REFERENCE SOURCE

(1) 03405

1385

ACIC HQ FORM FEB 69 O-415

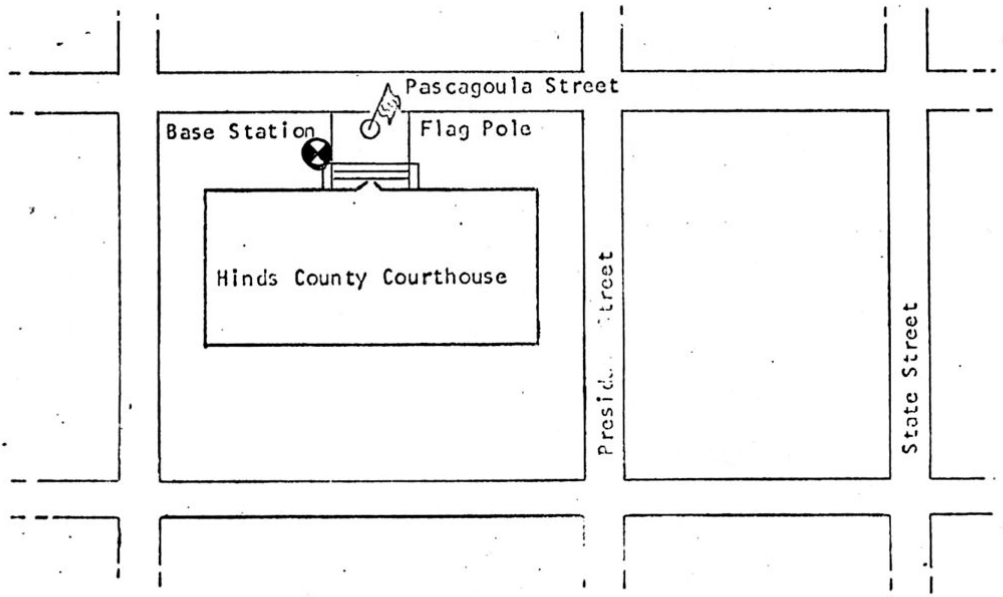
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
32° 17.80'N (1)	JACKSON
LONGITUDE	
90° 10.95'W (1)	
ELEVATION	**COUNTRY/STATE**
89.61 METERS (1)	USA/Mississippi

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3978-1		g= 979 536.60 mgals	
IGB 11820B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

This station is located in Jackson, Mississippi at the Hinds County Courthouse at the north side of the building, at the bottom of the steps, approximately 2 feet above the sidewalk and even with the third step. This station is a standard bronze disc stamped "P Reset 1931". (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

1386

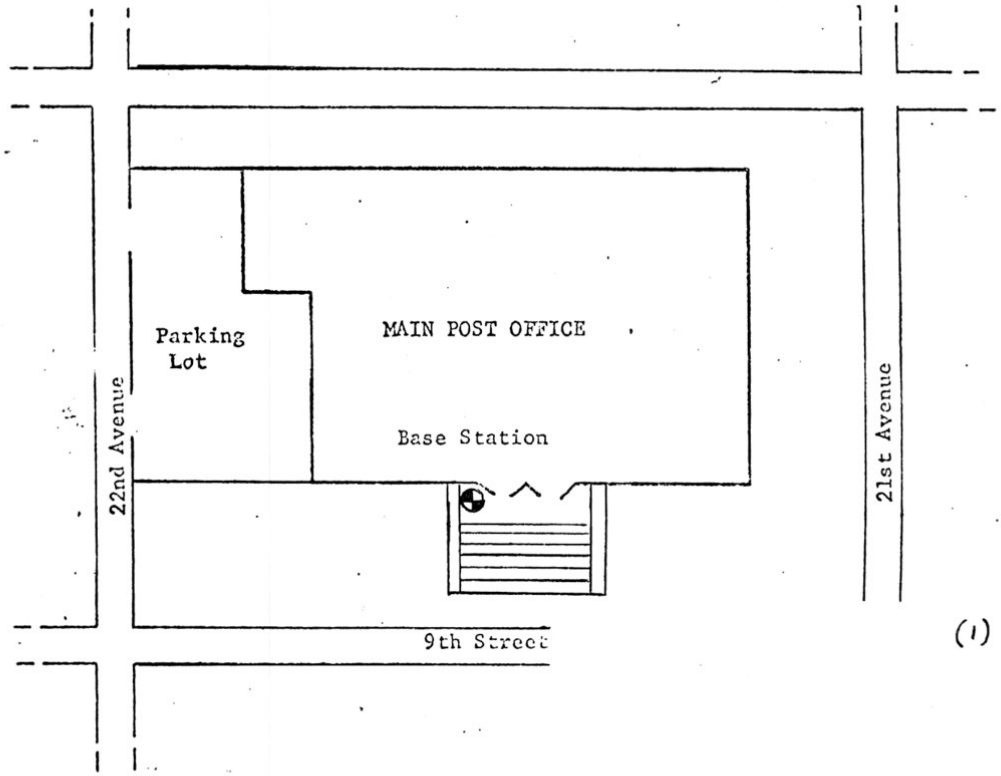
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
32° 28.08'N (1)	MERIDIAN
LONGITUDE	
88° 42.05'W (1)	
ELEVATION	**COUNTRY/STATE**
103.94 METERS (1)	USA/Mississippi

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3979-1			
IGB 11728B		g= 979 479.10 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

This station is located at the Main Post Office in Meridian, Mississippi, at the south entrance, at the southwest edge of the three doors. The station is a standard bronze disc stamped: "(R223 1968)" USC & GS. (1)



(1)

REFERENCE SOURCE

(1) 03405

1387

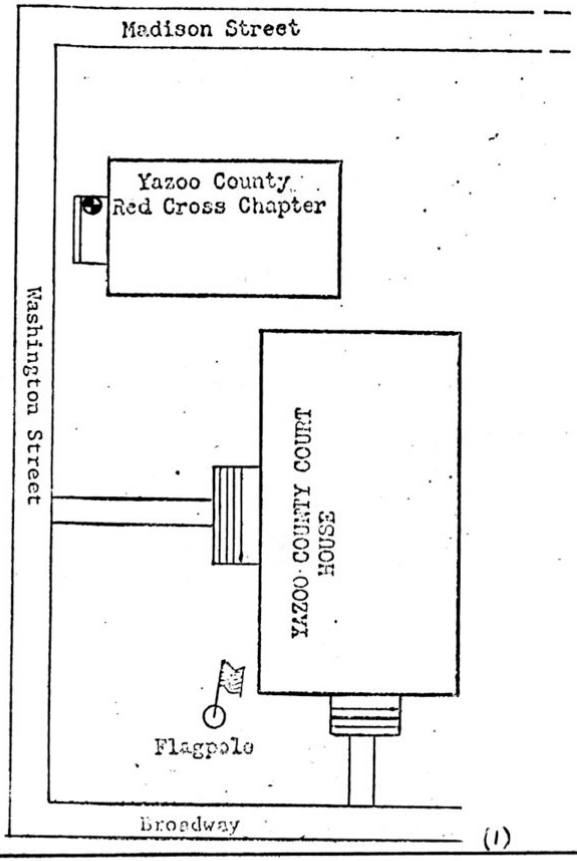
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 32° 50.81'N (1)	STATION DESIGNATION YAZOO CITY
LONGITUDE 90° 24.70'W (1)	
ELEVATION 35.97 METERS (1)	COUNTRY/STATE USA/Mississippi
REFERENCE CODE NUMBERS: ACIC 3980-1; IGB 11820C	ADOPTED GRAVITY VALUE: g= 979 545.91 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Yazoo City, Mississippi at the Yazoo County Red Cross Chapter building, at the main entrance, in the northwest corner of the front steps. The station is monumented with a USAF Gravity Disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

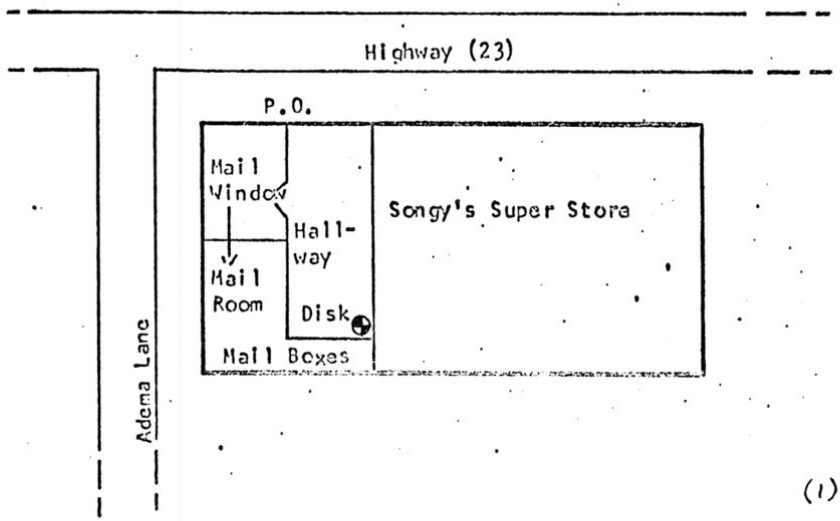
1388

GRAVITY BASE STATION

LATITUDE 29° 29.24'N (1)	STATION DESIGNATION PORT SULPHUR
LONGITUDE 89° 42.25'W (1)	
ELEVATION 1.52 METERS (1)	COUNTRY/STATE USA/Louisiana
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 3981-1	g= 979 321.41 mgals
IGB 08199B	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in downtown Port Sulphur, Louisiana at the south corner of Highway 23 and Adema Lanc, at the main Post Office, inside the main (northeast) entrance, in the south hallway, in the south corner of the hallway, on the floor, beneath the numbered mailbox. The station is monumented with a USAF gravity disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

1389

ACIC HQ FORM FEB 69 O-415

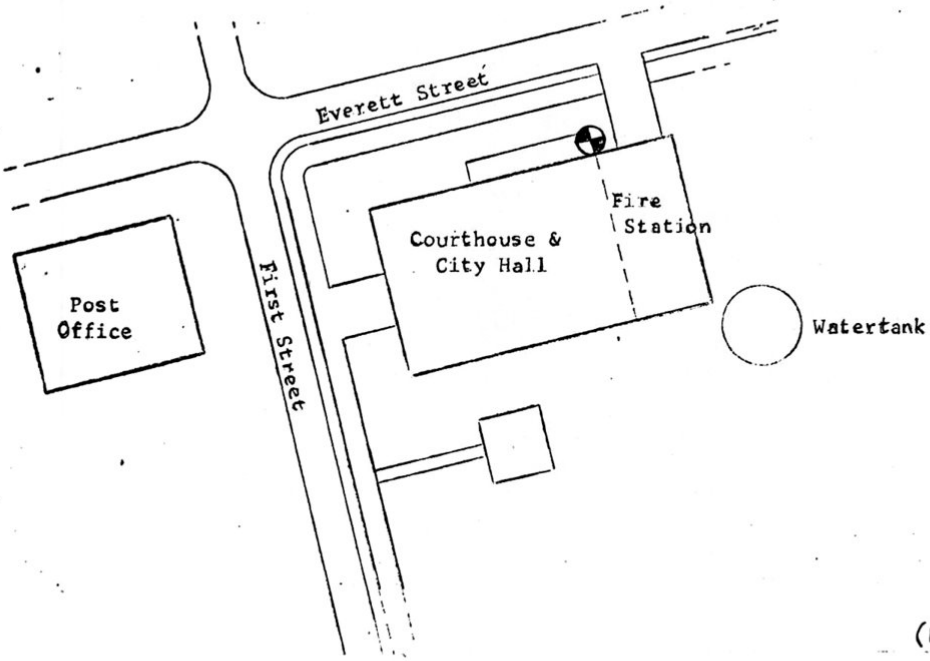
GRAVITY BASE STATION

LATITUDE 29° 41.70'N (1)	STATION DESIGNATION MORGAN CITY
LONGITUDE 91° 12.50'W (1)	
ELEVATION 2.0 METERS (1)	COUNTRY/STATE USA/Louisiana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3982-1		g= 979 318.83 mgals	
IGB 08291B			
U 284		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Morgan City, at the corner of First and Everett Street, at the combined City Hall, Courthouse, and Fire Station, near the Fire Station Driveway, 11 feet west of the west edge of the Fire Station Garage, 6 feet east of City Tax Collector door and set on top of the steps in a small corner. The station is monumented with a Gravity Calibration Station disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

1340

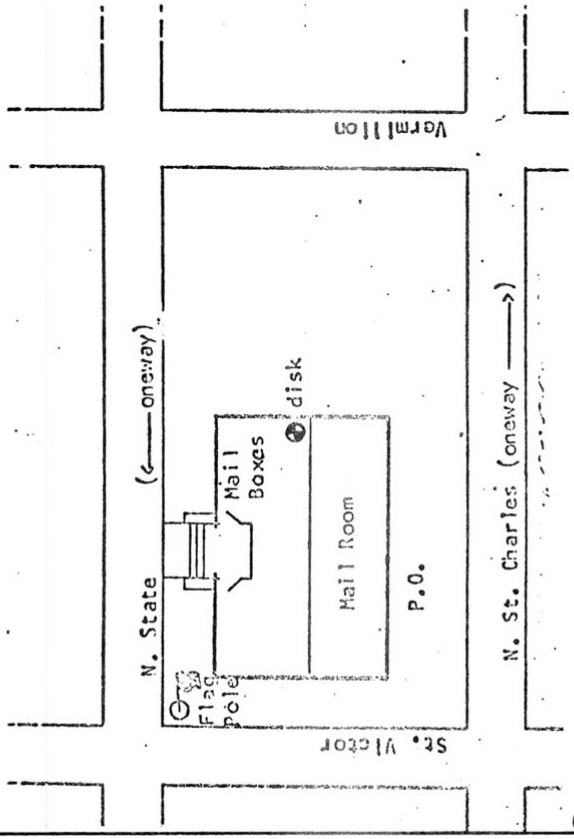
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
29° 58.51'N (1)	ABBEVILLE
LONGITUDE	
92° 08.08'W (1)	
ELEVATION	**COUNTRY/STATE**
6.10 METERS (1)	USA/Louisiana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3983-1		g= 979 316.72 mgals	
IGB 08292B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Abbeville, Louisiana, on North State Street between St Victor and Vermillian Streets, at the post office, inside the main doors, in the northeast corner of the lobby. The station is a "USAF Gravity" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

1391

ACIC HQ FORM FEB 69 0-415

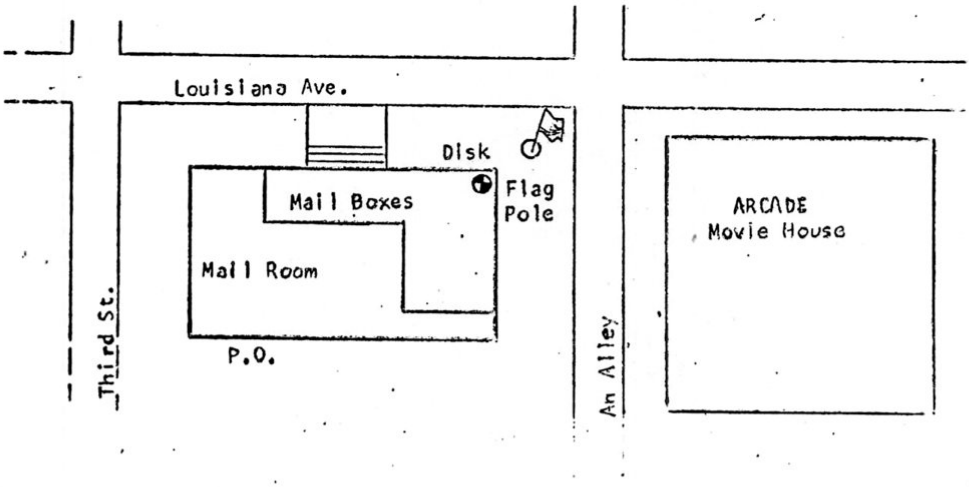
GRAVITY BASE STATION

LATITUDE 31° 33.19'N (1)	STATION DESIGNATION FERRIDAY
LONGITUDE 91° 37.77'W (1)	
ELEVATION 19.81 METERS (1)	COUNTRY/STATE USA/Louisiana

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3984-1		g= 979 467.80 mgals	
IGB 11811B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Ferriday (on the southeast corner of Louisiana and Third St) at the Post Office, inside the main entrance-way, in the northeast corner of the building. The station is monumented with a USAF Gravity disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

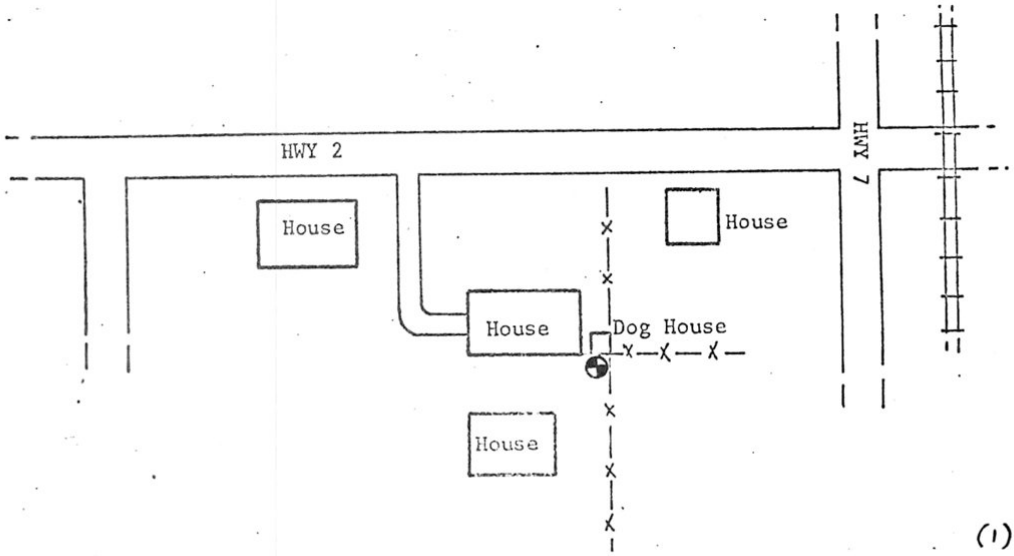
1342

GRAVITY BASE STATION

LATITUDE 32° 53.50'N (1)	STATION DESIGNATION SAREPTA
LONGITUDE 93° 27.10'W (1)	
ELEVATION 79.10 METERS (1)	COUNTRY/STATE USA/Louisiana
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 3985-1 IGB 11823L U 1122	g= 979 556.41 mgals
	ESTIMATED ACCURACY ± 0.1 mgals / DATE MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Sarepta, 0.15 mile west of Highway Junction 7 and 2, along Highway 2 at the home of Roland Colvin, along the east fence line (running north-south), 190 feet south of the Highway, behind the southeast corner of the house and at a corner fence post next to a dog pen. The station is not monumented. (1)



REFERENCE SOURCE

(1) 03405

1393

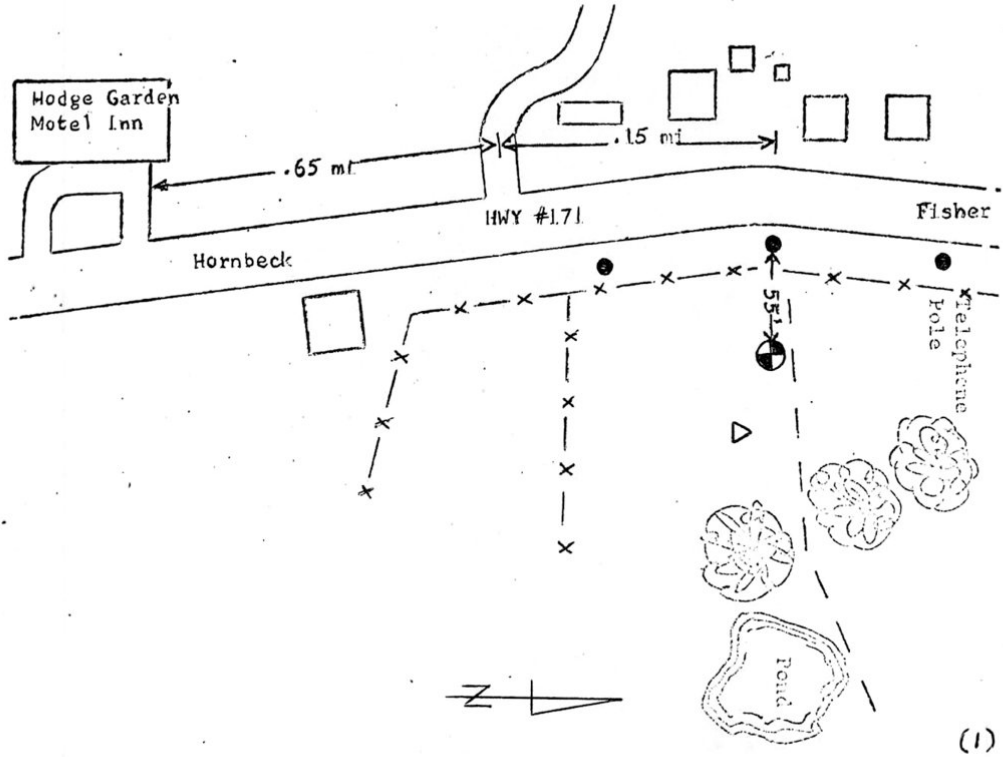
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 31° 22.90'N (1)	STATION DESIGNATION SANDEL
LONGITUDE 93° 26.40'W (1)	
ELEVATION 66.4 METERS (1)	COUNTRY/STATE USA/Louisiana
REFERENCE CODE NUMBERS: ACIC 3986-1; IGB 11813J; U 717	ADOPTED GRAVITY VALUE: g= 979 410.49 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located along Highway 171, in the small community of Sandel, (no signs) which is between Hornbeck and Florien, 0.8 mile north of the Hodges Gardens Motel Inn, 0.15 mile north of a road leading west, on the east side of the Highway, in an open field, 55 feet north, 55° east of a nearby telephone pole, and about 12 feet south of a faint old road leading through woods and past a pond. The station is not monumented. (1)



(1)

REFERENCE SOURCE

(1) 03405

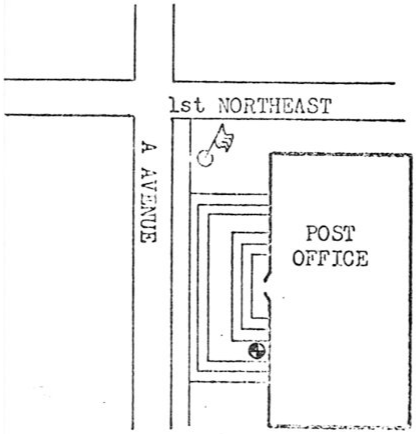
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 36° 52.55'N (1)	STATION DESIGNATION MIAMI
LONGITUDE 94° 52.55'W (1)	
ELEVATION 242.01 METERS (1)	COUNTRY/STATE USA/Oklahoma
REFERENCE CODE NUMBERS: ACIC 3987-1; IGB 11864B	ADOPTED GRAVITY VALUE: g= 979 831.64 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Miami, on the southeast corner of the intersection of 1st Northeast Street and A Avenue, at the post office, on the middle landing of the front steps, six feet east of the wall, five feet south of the entrance. The station is monumented with a standard "USAF Gravity" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

1395

ACIC HQ FORM FEB 69 0-415

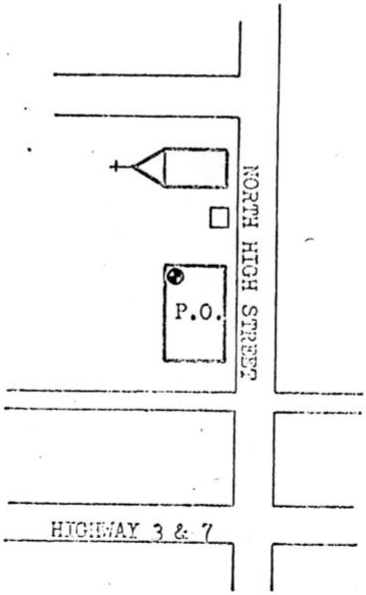
GRAVITY BASE STATION

LATITUDE 34° 14.08'N (1)	STATION DESIGNATION ANTLERS
LONGITUDE 95° 37.76'W (1)	
ELEVATION 157.9 METERS (1)	COUNTRY/STATE USA/Oklahoma

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3988-1		g= 979 561.84 mgals	
IGB 11845B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Antlers, two blocks north of the intersection of Highways 3 and 7 with North High Street, at the post office, on the rear landing ramp, in the northwest corner of the ramp, on the concrete floor. The station is monumented with a standard "USAF Gravity" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

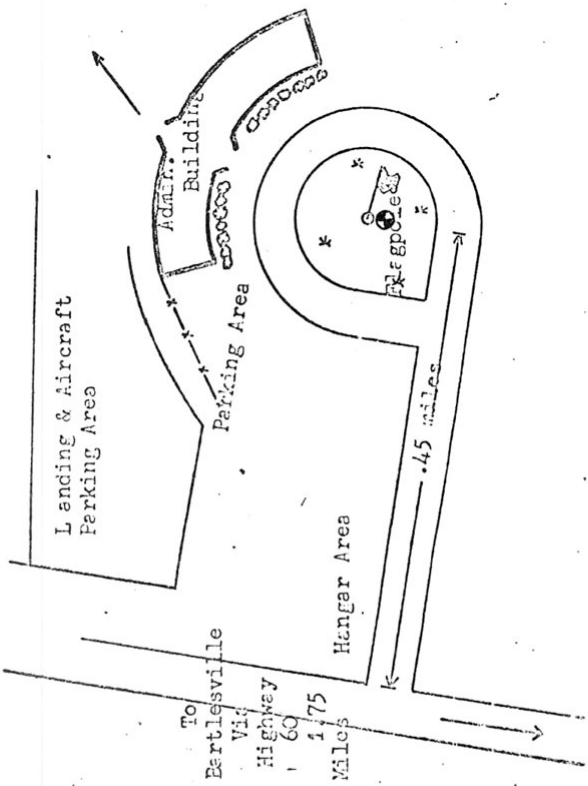
1346

GRAVITY BASE STATION

LATITUDE 36° 46.08'N (1)	STATION DESIGNATION BARTLESVILLE
LONGITUDE 96° 00.22'W (1)	
ELEVATION 212.05 METERS (1)	COUNTRY/STATE USA/Oklahoma
REFERENCE CODE NUMBERS: ACIC 3989-1; IGB 11866J	ADOPTED GRAVITY VALUE: g= 979 821.53 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located at Bartlesville, Oklahoma 1.75 miles west along Highway 60 from the Sante Fe Depot, Bartlesville, at Frank Phillips Airport, in front of the administration building, at the base of the flagpole, near a USC & GS BM. The station is a standard "USAF Gravity" disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

1397

ACIC HQ FORM FEB 68 O-415

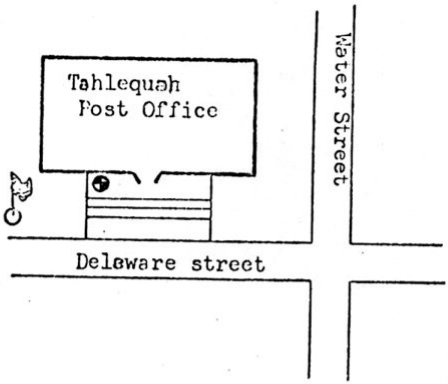
GRAVITY BASE STATION

LATITUDE 35° 55.02'N (1)	STATION DESIGNATION TAHLEQUAH
LONGITUDE 94° 57.98'W (1)	
ELEVATION 265.18 METERS (1)	COUNTRY/STATE USA/Oklahoma
REFERENCE CODE NUMBERS: ACIC 3990-1; IGB 11854B	ADOPTED GRAVITY VALUE: g= 979 745.79 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Tahlequah, Oklahoma on the northwest corner of the intersection of Water Street with Delaware Street, on the northwest corner of the top step to the front entrance of the post office. The station is a standard "USAF Gravity" disk.

(1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

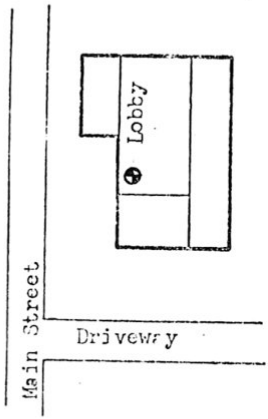
GRAVITY BASE STATION

LATITUDE 34° 53.35'N (1)	STATION DESIGNATION HEAVENER
LONGITUDE 94° 36.10'W (1)	
ELEVATION 161.54 METERS (1)	COUNTRY/STATE USA/Oklahoma

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3991-1		g= 979 608.98 mgals	
IGB 11844B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Heavener, Oklahoma, on Main Street, in the lobby of the post office, three inches east of the west wall, and five feet south of the entrance. The station is a standard "USAF Gravity" disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

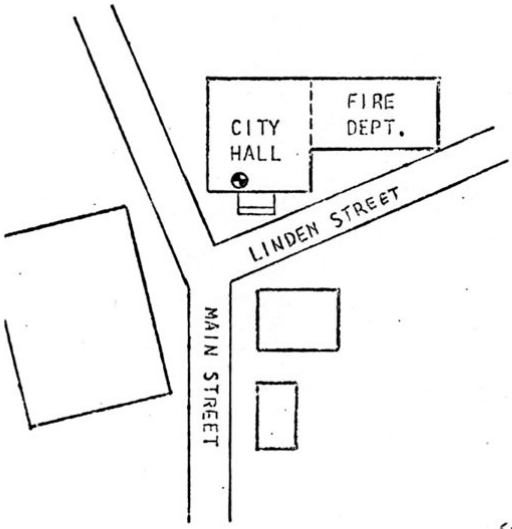
1399 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 35° 17.34'N (1)	STATION DESIGNATION EUFAULA
LONGITUDE 95° 34.92'W (1)	
ELEVATION 179.8 METERS (1)	COUNTRY/STATE USA/Oklahoma
REFERENCE CODE NUMBERS: ACIC 3992-1; IGB 11855C	ADOPTED GRAVITY VALUE: g= 979 683.68 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Eufaula, 2.0 miles north of State Highway 69 on Main Street, on the northeast corner of the intersection of Main Street and Linden Street, in the City Hall, just inside and to the left of the front entrance. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

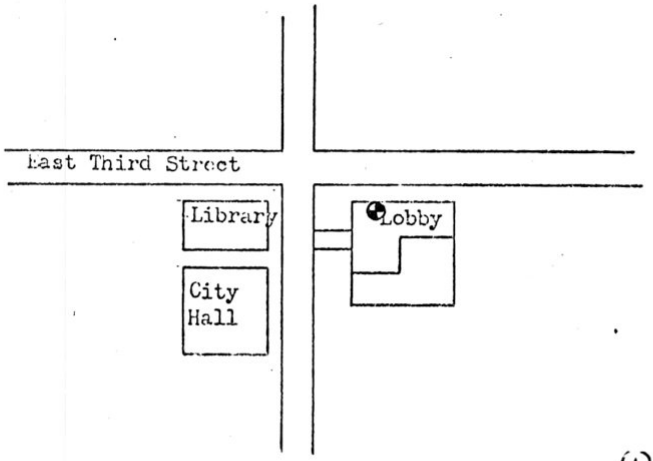
1400

GRAVITY BASE STATION

LATITUDE 34° 01.80'N (1)	STATION DESIGNATION BROKEN BOW
LONGITUDE 94° 44.38'W (1)	
ELEVATION 142.34 METERS (1)	COUNTRY/STATE USA/Oklahoma
REFERENCE CODE NUMBERS: ACIC 3993-1; IGB 11844C	ADOPTED GRAVITY VALUE: g= 979 634.80 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Broken Bow, Oklahoma, at the southeast corner of the intersection of Third and Main Streets, in the post office, five feet east of the west wall, and two inches from the north wall. The station is a standard "USAF Gravity" disk (1)



(1)

REFERENCE SOURCE

(1) 03405

1401 ACIC HQ FORM O-415

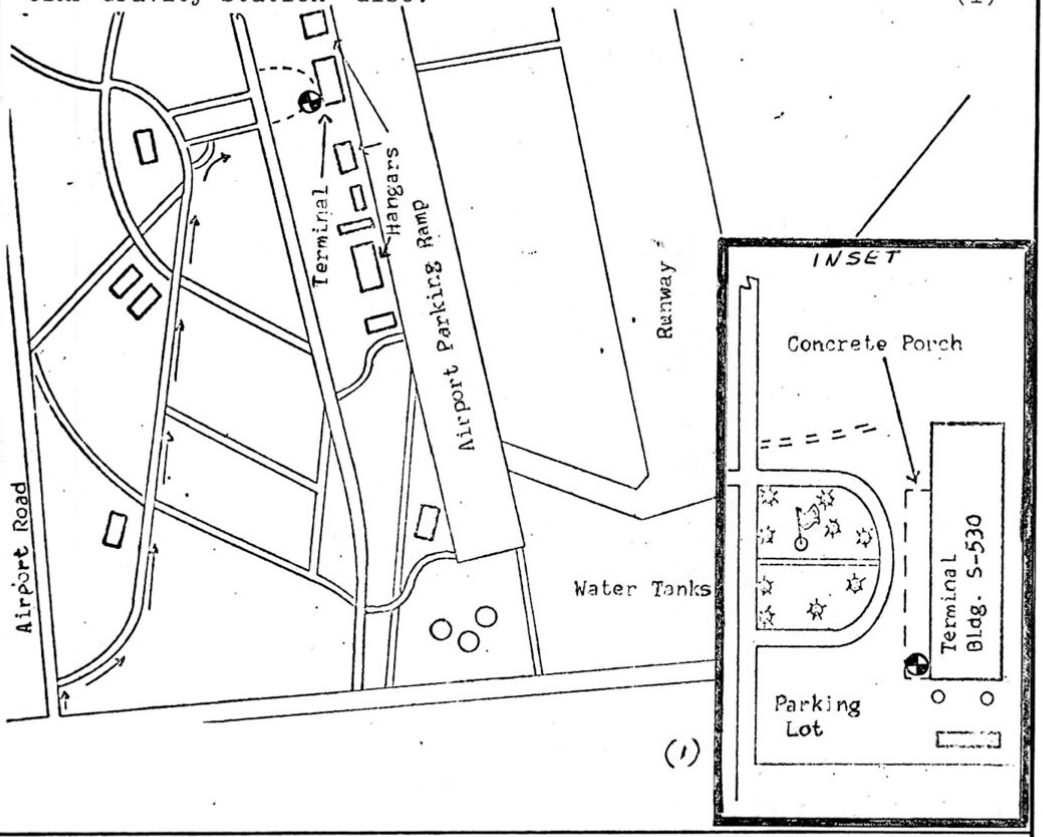
GRAVITY BASE STATION

LATITUDE 28° 50.70'N (1)	STATION DESIGNATION VICTORIA
LONGITUDE 96° 55.14'W (1)	
ELEVATION 30.78 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3994-1			
IGB 08286J		g= 979 209.07 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located at the Victoria County Airport, 0.6 mile east of the Victoria city limits, 0.7 mile north of US Highway 59, outside the terminal, at the street entrance, on the southwest corner of the concrete porch, immediately under a sign (Building No S-530), on the concrete. The station is monumented with a "USAF Gravity Station" disc. (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

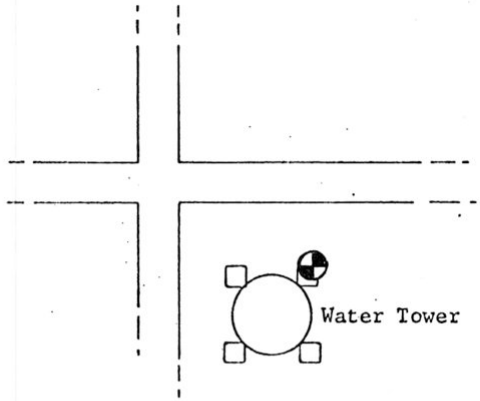
1402

GRAVITY BASE STATION

LATITUDE 26° 54.31'N (1)	STATION DESIGNATION ZAPATA
LONGITUDE 99° 16.13'W (1)	
ELEVATION 123.05 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 3995-1; IGB 08269J	ADOPTED GRAVITY VALUE: g= 979 046.97 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Zapata, Texas, southeast of the intersection of US Highway 83, and State Highway 16. The station is 145 feet southeast of State Highway 16 and 250 feet northeast of Highway 83. Station is set in the top of the northeast corner of the concrete foundation of the tower. (1)



(1)

REFERENCE SOURCE

(1) 03405

1403

ACIC HQ FORM FEB 69 O-415

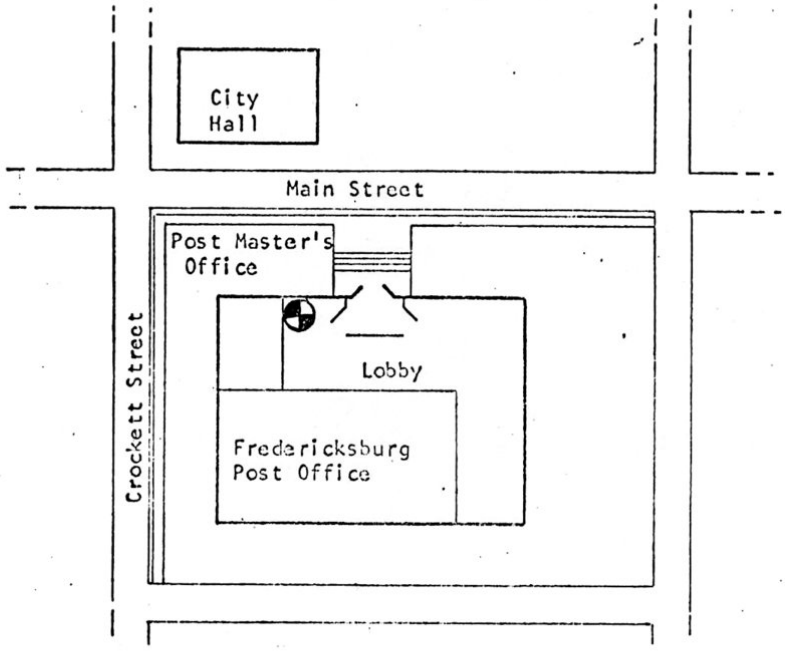
GRAVITY BASE STATION

LATITUDE 30° 16.55'N (1)	STATION DESIGNATION FREDERICKSBURG
LONGITUDE 98° 52.41'W (1)	
ELEVATION 520.6 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 3996-1		g= 979 251.39 mgals	
IGB 11808B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in the town of Fredericksburg, at the corner of Main and Crockett Street, in the Post Office, in the northwest corner of the lobby, on the tile floor. The station is monumented with an "USAF Gravity Station" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

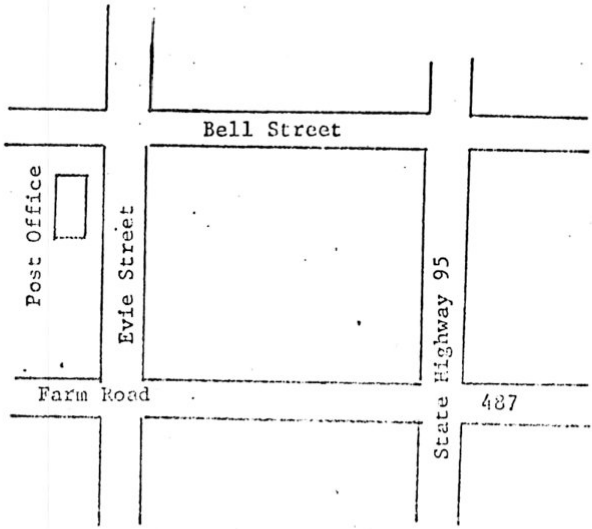
1404

GRAVITY BASE STATION

LATITUDE 30° 47.78'N (1)	STATION DESIGNATION BARTLETT
LONGITUDE 97° 25.66'W (1)	
ELEVATION 590 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 3997-1; IGB 11807C	ADOPTED GRAVITY VALUE: g= 979 322.85 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Post Office: One (1) block north, one (1) block west of intersection of State Highway 95 and farm road 487. Station: inside and immediately to the right as you enter Post Office Lobby. (1)



(1)

REFERENCE SOURCE

(1) 03405

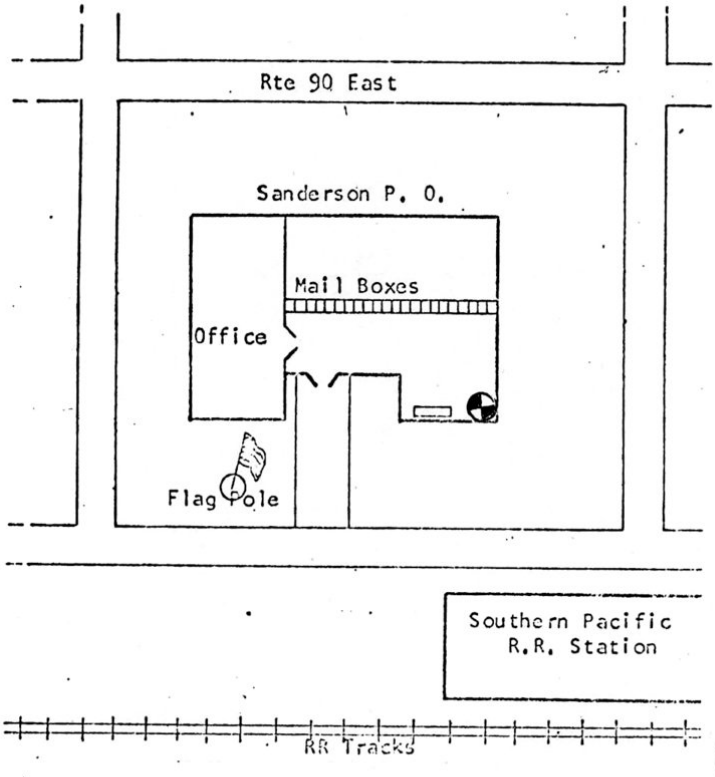
1405 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 30° 08.40'N (1)	STATION DESIGNATION SANDERSON
LONGITUDE 102° 23.80'W (1)	
ELEVATION 851.0 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 3998-1; IGB 11902B	ADOPTED GRAVITY VALUE: g= 979 087.83 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Sanderson, Texas at the Post Office (new) in the southeast corner of the lobby. The station is marked with a USAF Gravity Disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

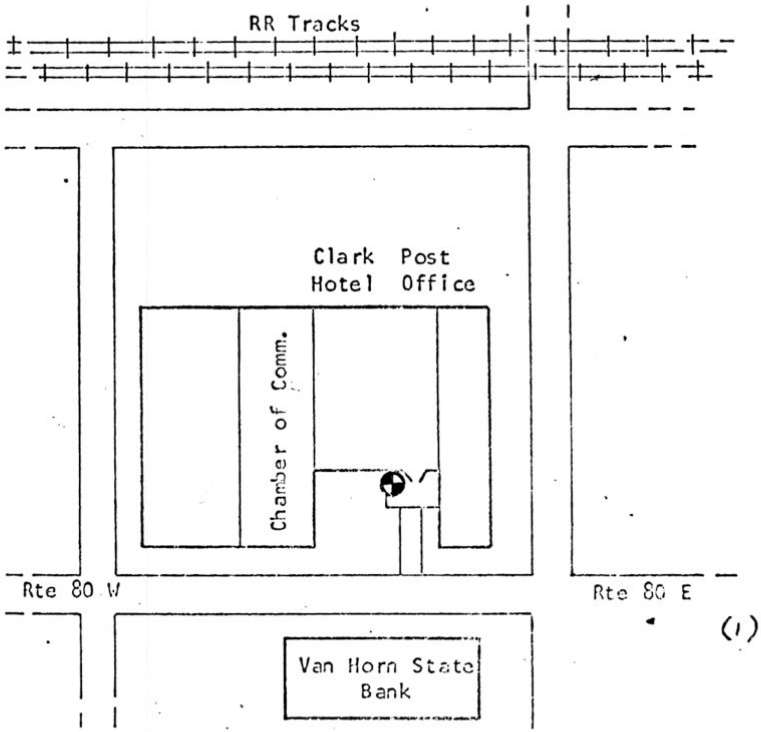
1406

GRAVITY BASE STATION

LATITUDE 31° 02.50'N (1)	STATION DESIGNATION VAN HORN
LONGITUDE 104° 49.83'W (1)	
ELEVATION 1234.7 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 3999-1; IGB 11914B	ADOPTED GRAVITY VALUE: g= 979 038.18 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in the town of Van Horn, Texas on US 80 in the Clark Hotel building, at the intersection of US Route 80 and US Route 90. The station is marked with a USAF Gravity disc set 10 feet to the left of the entrance to the Post Office. (1)



(1)

REFERENCE SOURCE

(1) 03405

1467

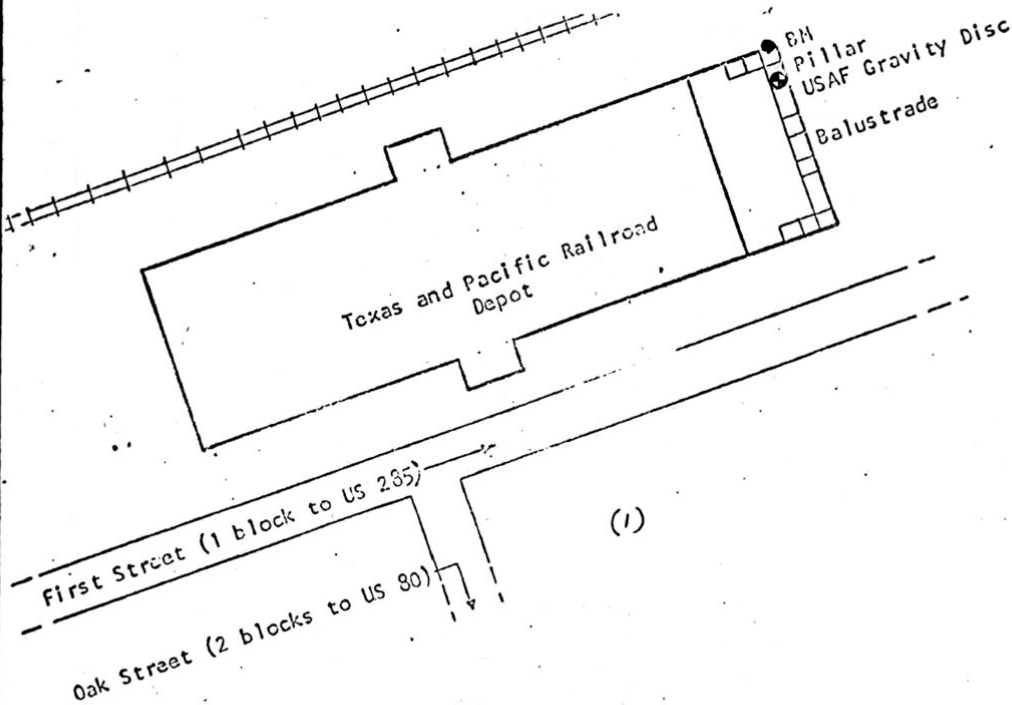
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 31° 25.65'N (1)	STATION DESIGNATION PECOS
LONGITUDE 103° 29.7'W (1)	
ELEVATION 788.26 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 4000-1; IGB 11913J	ADOPTED GRAVITY VALUE: g= 979 167.53 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Pecos, Texas, at the corner of First and Oak Streets (two blocks north of US 80 and 1 block west of US 285), at the Texas & Pacific Railroad Depot, 10 feet east of the east wall of the building, 1.5 feet above the concrete porch, on the concrete balustrade, adjacent to the south face of the northeast pillar of the colonnade. A standard USC & GS BM, stamped "J 22 1971", is set in the north face of the northeast pillar, 2.5 feet above the balustrade. The station itself is monumented with a USAF Gravity Station disc. (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

1408

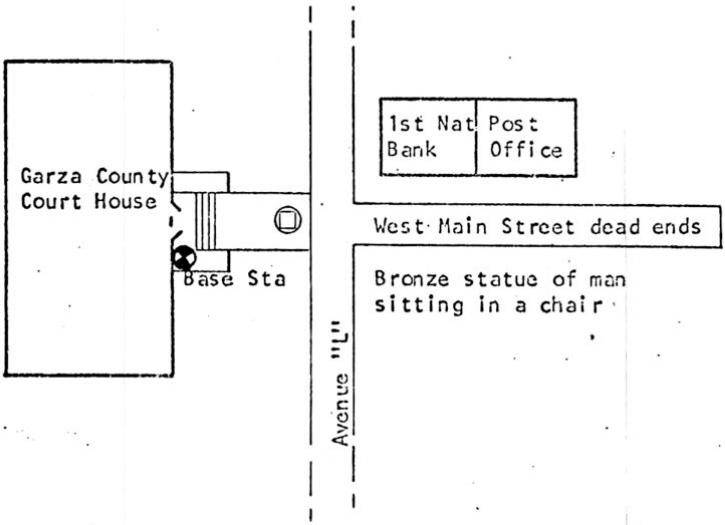
GRAVITY BASE STATION

LATITUDE 33° 11.42'N (1)	STATION DESIGNATION POST
LONGITUDE 101° 22.80'W (1)	
ELEVATION 801.62 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4001-1		g= 979 345.00 mgals	
IGB 11931B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is a Department of Interior Geological Survey Mark stamped 186 RS 1968, elevation is 2613 set at the left of the only front entrance to the Garza County Court House in the town of Post, Texas. (1)



(1)

REFERENCE SOURCE

(1) 03405

1409

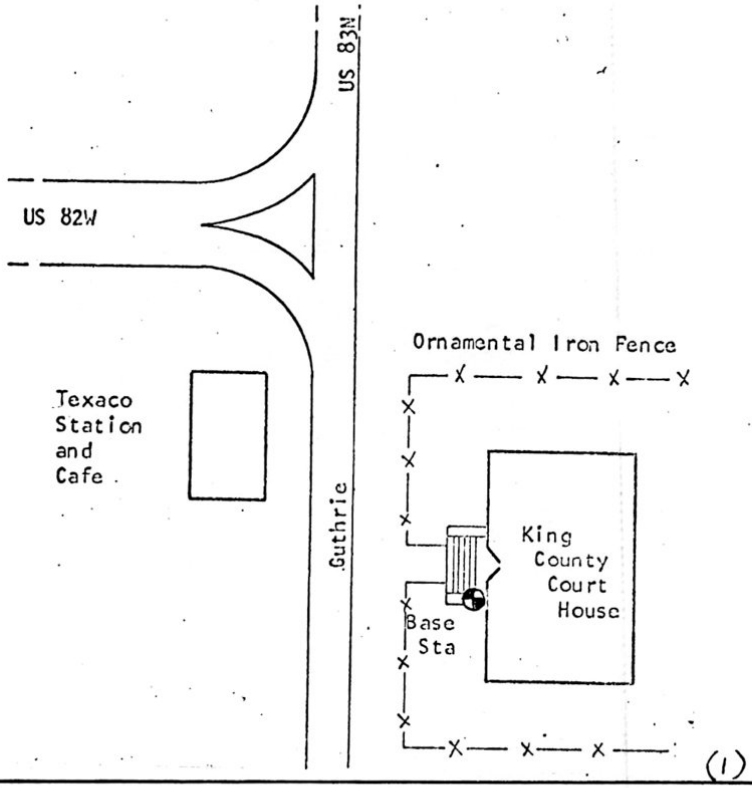
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 33° 37.18'N (1)	STATION DESIGNATION GUTHRIE
LONGITUDE 100° 19.30'W (1)	
ELEVATION 530.1 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 4002-1; IGB 11930B	ADOPTED GRAVITY VALUE: g= 979 457.89 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is north of Guthrie, Texas on the east side of US Route 83, 100 yards southeast of intersection of US Route 82W and US Route 83N. The station is 17 inches below a USC & GS BM M436 1934 set in the wall on the right side of the only entrance to the front of the King County Court House. (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

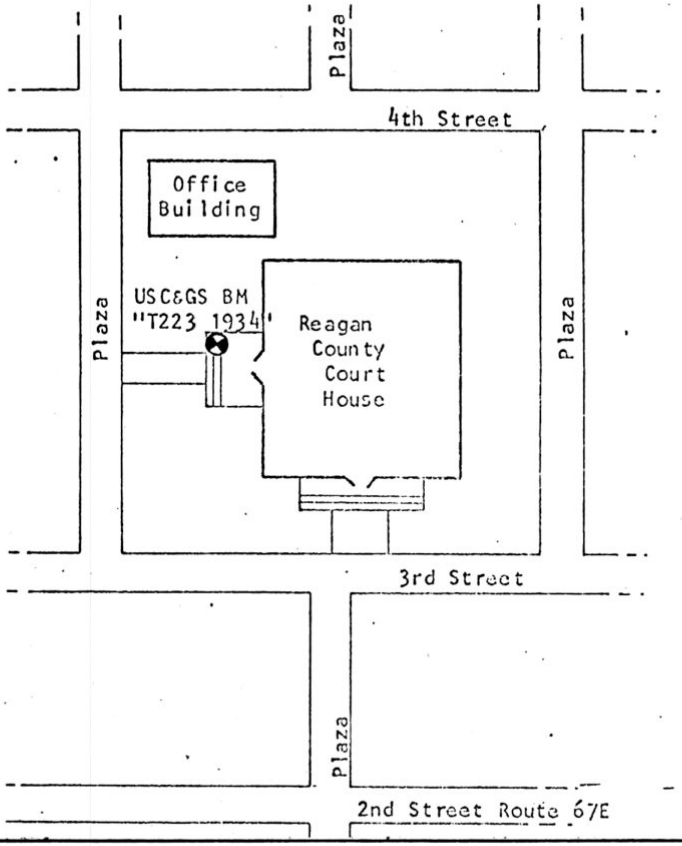
1410

GRAVITY BASE STATION

LATITUDE 31° 11.46'N (1)	STATION DESIGNATION BIG LAKE
LONGITUDE 101° 27.70'W (1)	
ELEVATION 819.9 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 4003-1; IGB 11911B	ADOPTED GRAVITY VALUE: g= 979 171.07 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in the town of Big Lake at the Reagan County Court House, on 3rd and Plaza Streets. The station is an USC & GS BM stamped "T223 1934" and is set in the second step of the west entrance to the Court House. (1)



(1)

REFERENCE SOURCE

(1) 03405

1411

ACIC HQ FORM FEB 69 O-415

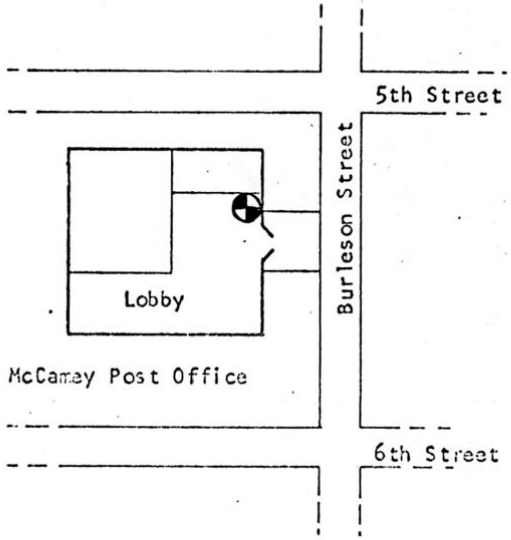
GRAVITY BASE STATION

LATITUDE 31° 08.22'N (1)	STATION DESIGNATION MC CAMEY
LONGITUDE 102° 13.65'W (1)	
ELEVATION 759.87 METERS (1)	COUNTRY/STATE USA/Texas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4004-1		g= 979 192.59 mgals	
IGB 11912B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in the town of McCamey in the Post Office southeast of the intersection of Burleson and 5th Street. The station is marked with an "USAF Gravity" disc 2 feet to the right of the front door in the northeast corner of the lobby. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

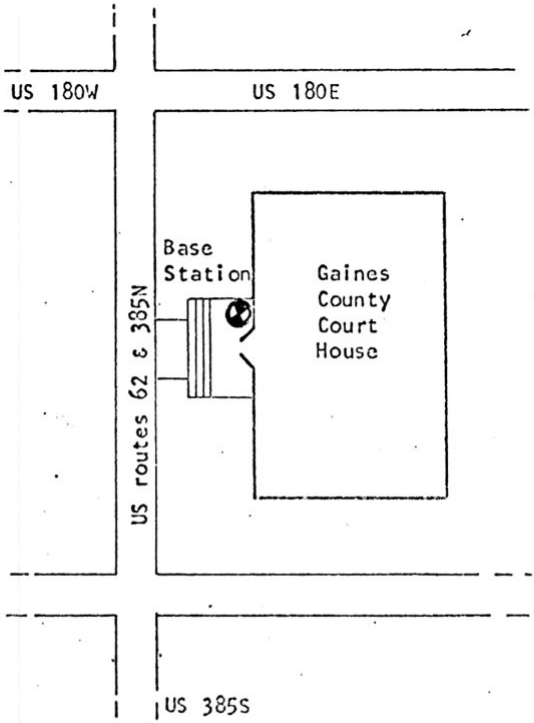
1412

GRAVITY BASE STATION

LATITUDE 32° 42.95'N (1)	STATION DESIGNATION SEMINOLE
LONGITUDE 102° 38.70'W (1)	
ELEVATION 1005.0 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 4005-1 IGB 11922B	g= 979 267.23 mgals
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Seminole, Texas at the intersection of US 62 (385) and US 180, at the Gaines County Court House, on the north side of the front steps of the west entrance. The station is an "USAF Gravity" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

1413

ACIC HQ FORM FEB 69 O-415

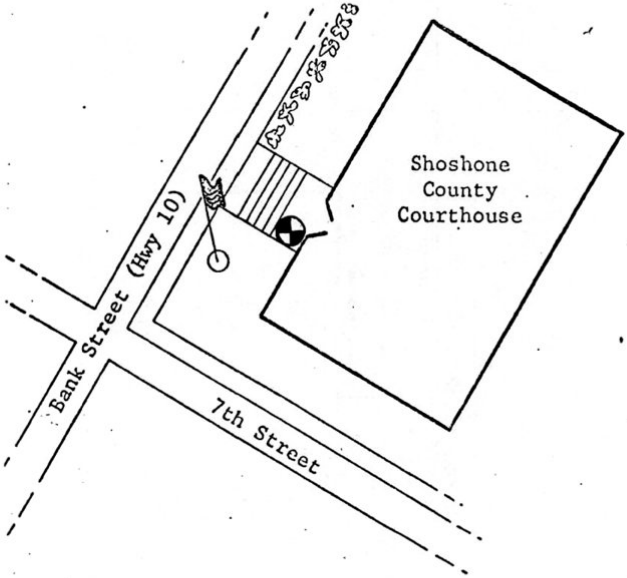
GRAVITY BASE STATION

LATITUDE 47° 28.28'N (1)	STATION DESIGNATION WALLACE
LONGITUDE 115° 55.26'W (1)	
ELEVATION 835.76 METERS (1)	COUNTRY/STATE USA/Idaho

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4006-1		g= 980 557.96 mgals	
IGB 15675B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Wallace, at the Shoshone Courthouse on the top main steps, one foot west of the main entranceway, one foot below USC & GS BM, on the concrete step. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

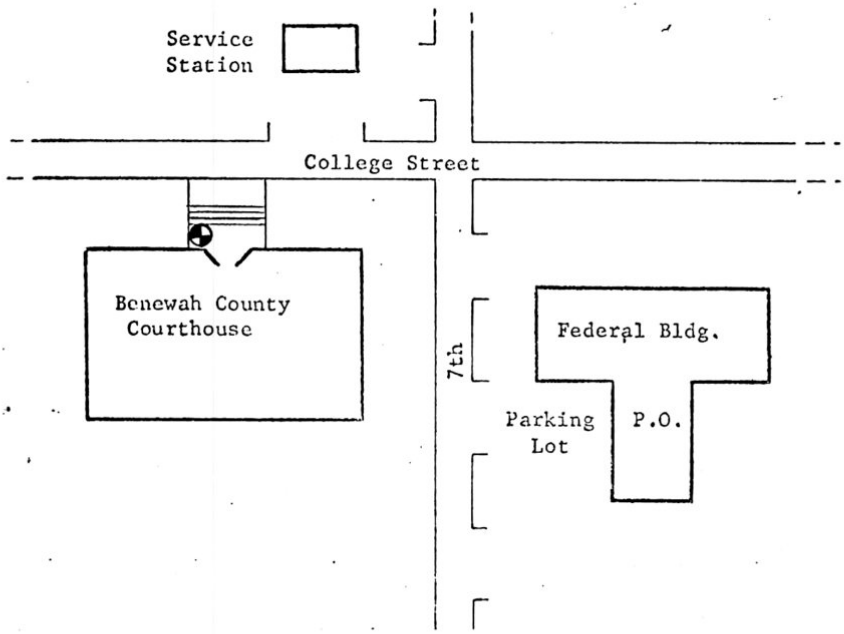
414

GRAVITY BASE STATION

LATITUDE 47° 18.90'N (1)	STATION DESIGNATION ST MARIES
LONGITUDE 116° 34.00'W (1)	
ELEVATION 675.44 METERS (1)	COUNTRY/STATE USA/Idaho
REFERENCE CODE NUMBERS: ACIC 4007-1; IGB 15676B	ADOPTED GRAVITY VALUE: g= 980 596.04 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in St Maries, at the Benewah County Courthouse, at the north entrance of the building, on the west end of the top steps. The station is monumented with a USAF Gravity disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

1415

ACIC HQ FORM FEB 69 0-415

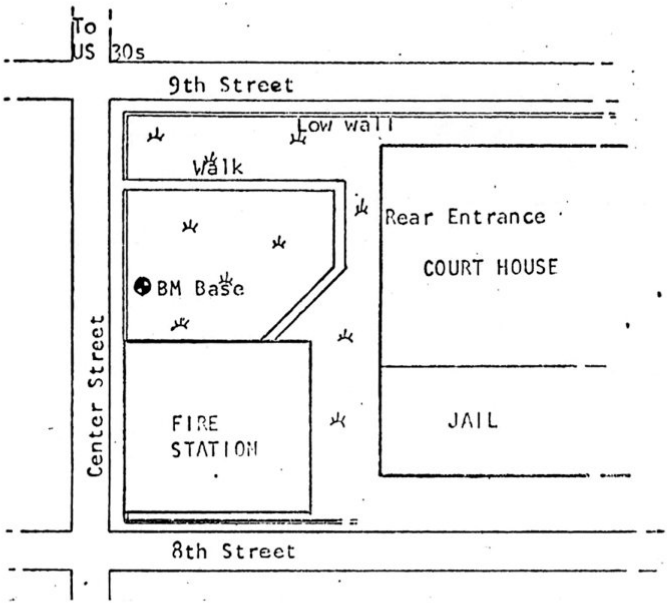
GRAVITY BASE STATION

LATITUDE 41° 14.2 (1)	STATION DESIGNATION EVANSTON
LONGITUDE 110° 57.9'W (1)	
ELEVATION 2058.6 METERS (1)	COUNTRY/STATE USA/Wyoming

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4008-1		g= 979 639.45 mgals	
IGB 15610B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

At Evanston, Wyoming, on the grounds of the Uinta County Courthouse, about 90' west of the west wall of the courthouse, about 32' north of the northwest corner of the fire station, about 40' east of the center line of Center Street, about 5' east of a low wall surrounding the grounds, set in the top of a concrete post about 2' high, a USGS benchmark stamped "6754.009 Evan". (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

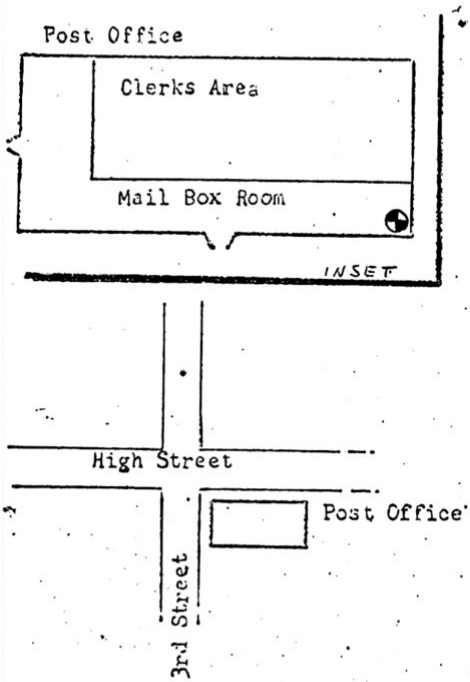
1416

GRAVITY BASE STATION

LATITUDE 35° 09.12'N (1)	STATION DESIGNATION GRANTS
LONGITUDE 107° 51.01'W (1)	
ELEVATION 1964.4 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4009-1; IGB 11957-B	ADOPTED GRAVITY VALUE: g= 979 149.55 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is one block north of Highway 66 in Grants at the corner of Third street and High Street, at the Post Office, in the lobby, in the northeast corner, on the floor. The station is monumented with a "USAF Gravity Station" disk. (1)



REFERENCE SOURCE

(1) 03405

1417 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 34° 03.62'N (1)	STATION DESIGNATION SOCORRO
LONGITUDE 106° 53.4'W (1)	
ELEVATION 1402.1 METERS (1)	COUNTRY/STATE USA/New Mexico

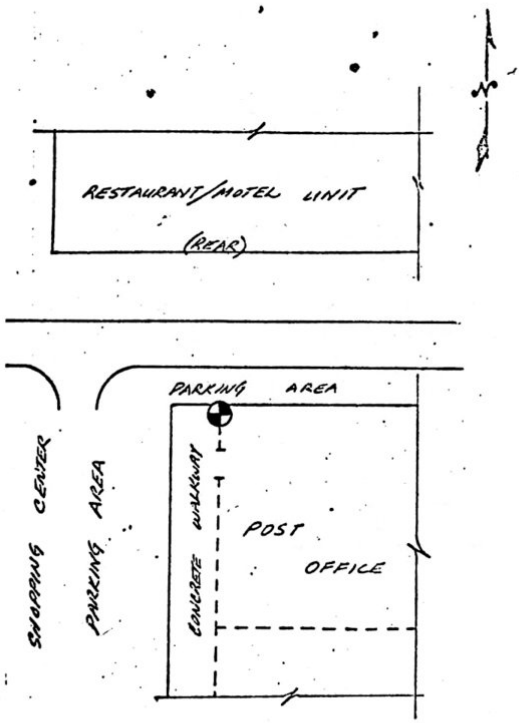
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4010-2		g= 979 188.33 mgals	
IGB 11946C			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Socorro, New Mexico; at post office at northwest corner of building on northeast corner of walkway under overhead awning, approximately 2 feet southwest around corner from flagpole.

Station site located at north end of "La Villa Shopping Center".

(1)



(1)

REFERENCE SOURCE

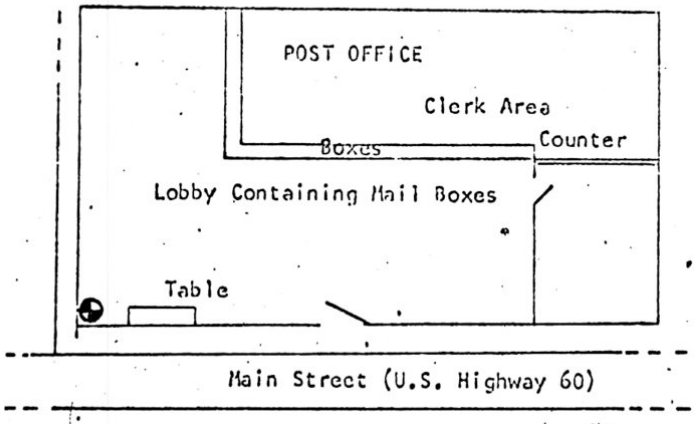
(1) 03390

GRAVITY BASE STATION

LATITUDE 34° 31.30'N (1)	STATION DESIGNATION MOUNTAINAIR
LONGITUDE 106° 14.58'W (1)	
ELEVATION 1989.7 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 4011-1	g= 979 120.06 mgals
IGB 11946C	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Mountainair, on Main Street, inside the Post Office, in the lobby containing the mail boxes, in the southwest corner, on the floor. The station is monumented with a standard "USAF Gravity Station" disk. (An USGS Bench Mark is set in front of the main entrance of the Post Office in the sidewalk). (1)



(1)

REFERENCE SOURCE

(1) 03405

1419 ACIC HQ FORM FEB 69 O-415

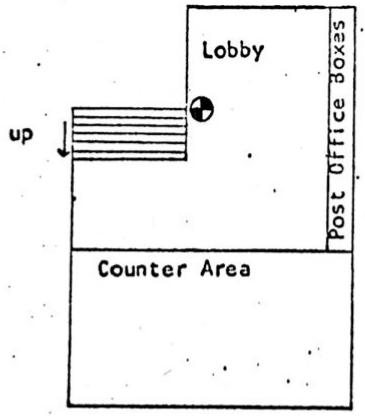
GRAVITY BASE STATION

LATITUDE 34° 56.75'N (1)	STATION DESIGNATION SANTA ROSA
LONGITUDE 104° 41.30'W (1)	
ELEVATION 1536.2 METERS (1)	COUNTRY/STATE USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4012-1		g= 979 279.91 mgals	
IGB 11944B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Santa Rosa, inside the post office, in the lobby, six inches from the west wall, ten feet from the north wall, on the terrazzo floor. The station is monumented with a standard "USAF Gravity Station" disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

1420

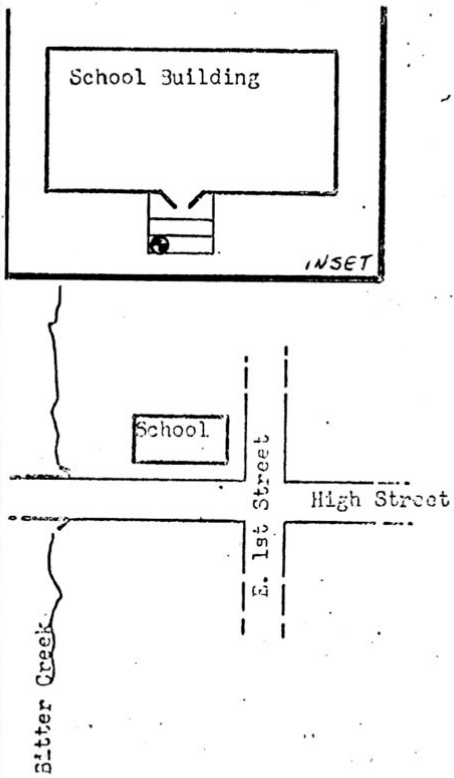
GRAVITY BASE STATION

LATITUDE 36° 42.37'N (1)	STATION DESIGNATION RED RIVER
LONGITUDE 105° 24.01'W (1)	
ELEVATION 2645.7 METERS (1)	COUNTRY/STATE USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4013-1		g= 979 098.60 mgals	
IGB 11965D			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is one block north of Highway 38, at the corner of High Street and East 1st Street, at the school, on the front entrance steps. The station is monumented with an "USAF Gravity Station" disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

1421

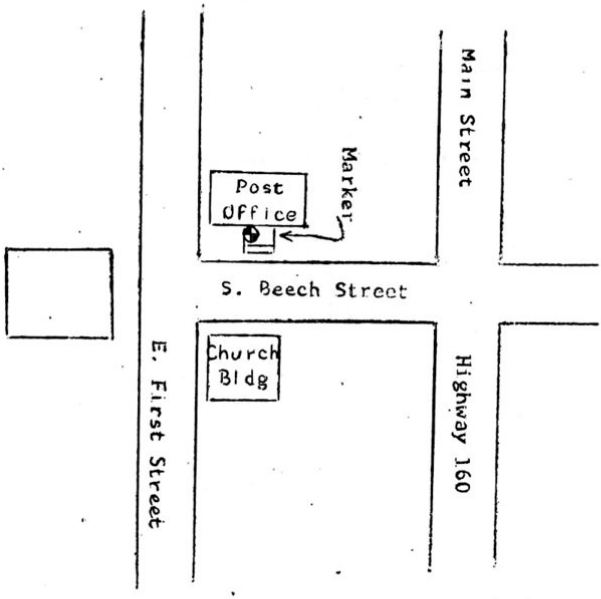
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 37° 20.88'N (1)	STATION DESIGNATION CORTEZ
LONGITUDE 108° 35.00'W (1)	
ELEVATION 1883.35 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 4014-1; IGB 11978B	ADOPTED GRAVITY VALUE: g= 979 346.30 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 10/70

DESCRIPTION AND/OR SKETCH

The station is in Cortez, at the northwest corner of South Beech Street and East First Street, outside the main entrance to the Post Office, on the concrete next to the building and 0.5 foot south of the entrance doors. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

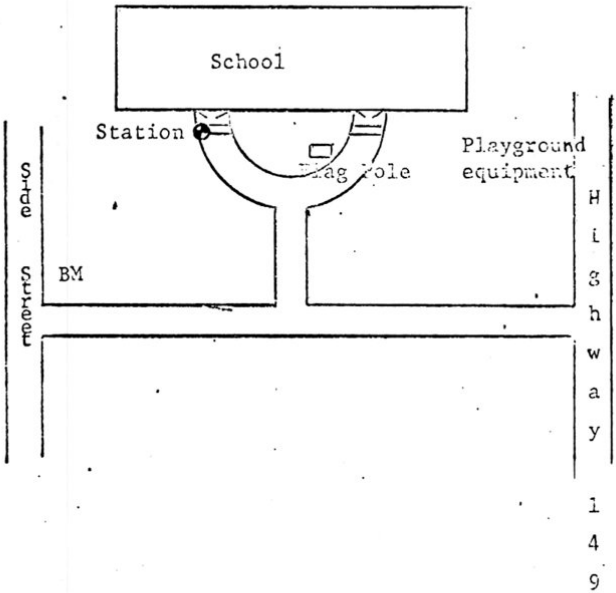
1422

GRAVITY BASE STATION

LATITUDE 38° 01.97'N (1)	STATION DESIGNATION LAKE CITY
LONGITUDE 107° 18.86'W (1)	
ELEVATION 2638.97 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 4015-1; IGB 11987E	ADOPTED GRAVITY VALUE: g = 979 166.80 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Station is located at the Lake City public school, one-half block west of Highway 149 on the second step of the west set of stairs leading to the front entrance. The station is monumented with USAF Disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

1423

ACIC HQ FORM FEB 69 0-415

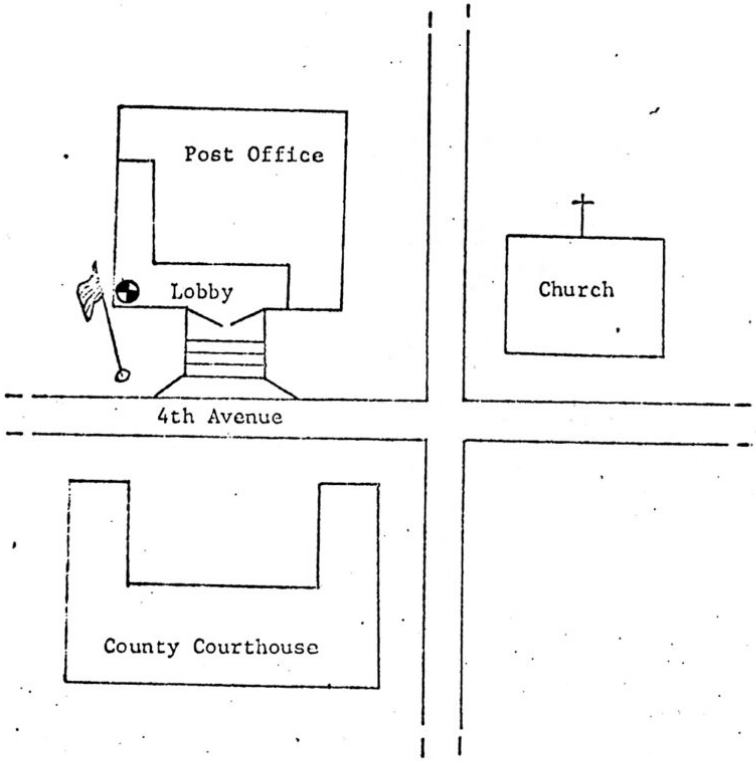
GRAVITY BASE STATION

LATITUDE 37° 28.21'N (1)	STATION DESIGNATION ALAMOSA
LONGITUDE 105° 52.16'W (1)	
ELEVATION 2300.9 METERS (1)	COUNTRY/STATE USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4016-1		g= 979 248.78 mgals	
IGB 11975B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located at the Post Office in Alamosa, on the corner of San Juan Avenue and 4th Avenue, in the southwest corner of the Post Office lobby. It is marked with a USAF Gravity disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

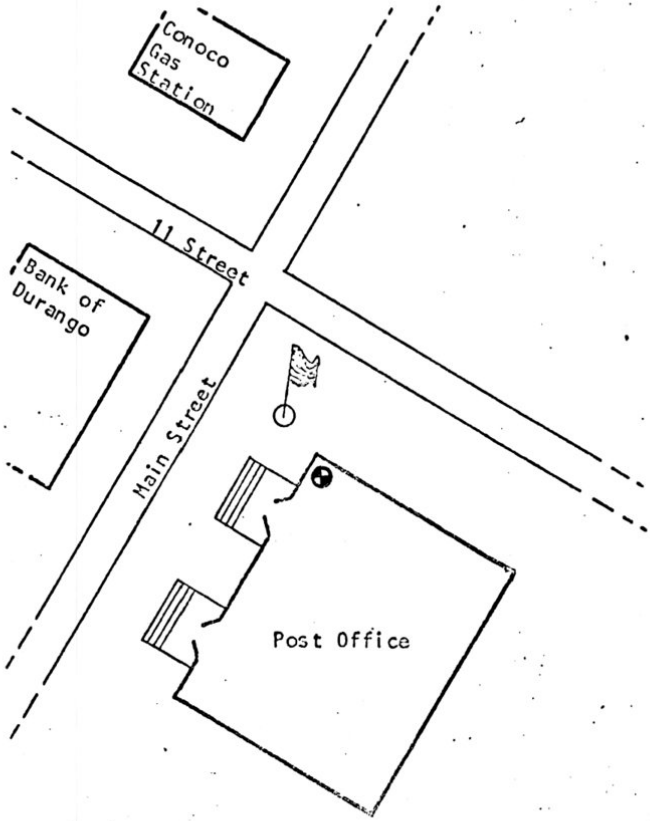
1424

GRAVITY BASE STATION

LATITUDE 37° 16.56'N (1)	STATION DESIGNATION DURANGO
LONGITUDE 107° 52.74'W (1)	
ELEVATION 1996.75 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 4017-1; IGB 11977B	ADOPTED GRAVITY VALUE: g = 979 285.23 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The gravity station is located in Durango, Colorado, at the post office, on the southeast corner of 11th Street and Main Street, in the north entrance-way, six feet north of the centerline of the doorway, four inches east of the outside wall. The station is a standard "USAF Gravity" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

1425

ACIC HQ FORM FEB 69 O-415

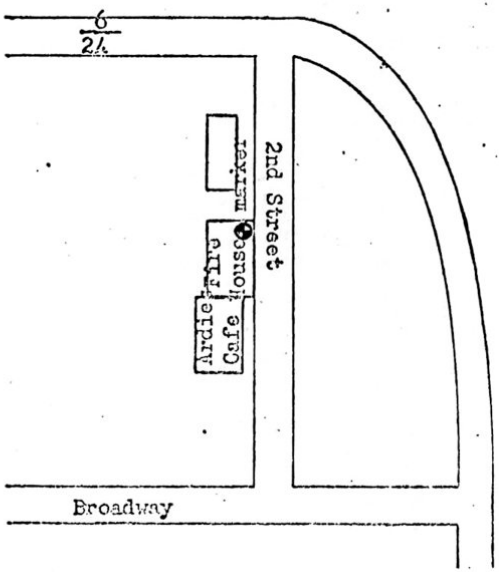
GRAVITY BASE STATION

LATITUDE 39° 39.30'N (1)	STATION DESIGNATION EAGLE
LONGITUDE 106° 49.63'W (1)	
ELEVATION 2012.2 METERS (1)	COUNTRY/STATE USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4018-1		g= 979 478.15 mgals	
IGB 11996B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

As you enter Eagle you turn west on Broadway and go one block and turn north on 2nd Street. The fire house sits on the west side of the road. The marker sits at the east side of the fire house on the road side. It's a standard USAF Gravity Disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

1426

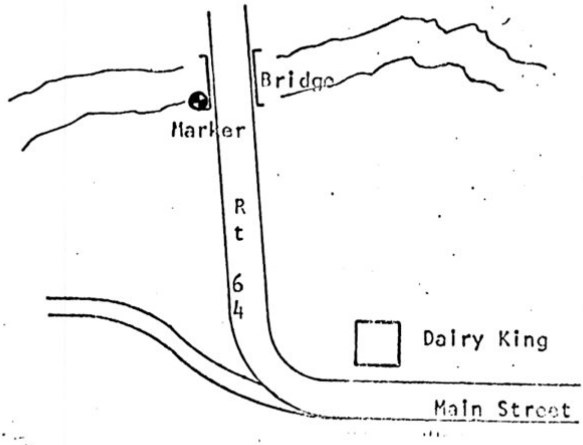
GRAVITY BASE STATION

LATITUDE 40° 05.57'N (1)	STATION DESIGNATION RANGLEY
LONGITUDE 108° 48.93'W (1)	
ELEVATION 1584.4 METERS (1)	COUNTRY/STATE USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4019-1		g= 979 677.97 mgals	
IGB 15508B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The base station is located on Route 64 going northwest out of town. It is located on the southwest corner of the bridge under which the White River flows. The disc is a standard USAF Gravity Disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

1427 ACIC HQ FORM FEB 69 O-415

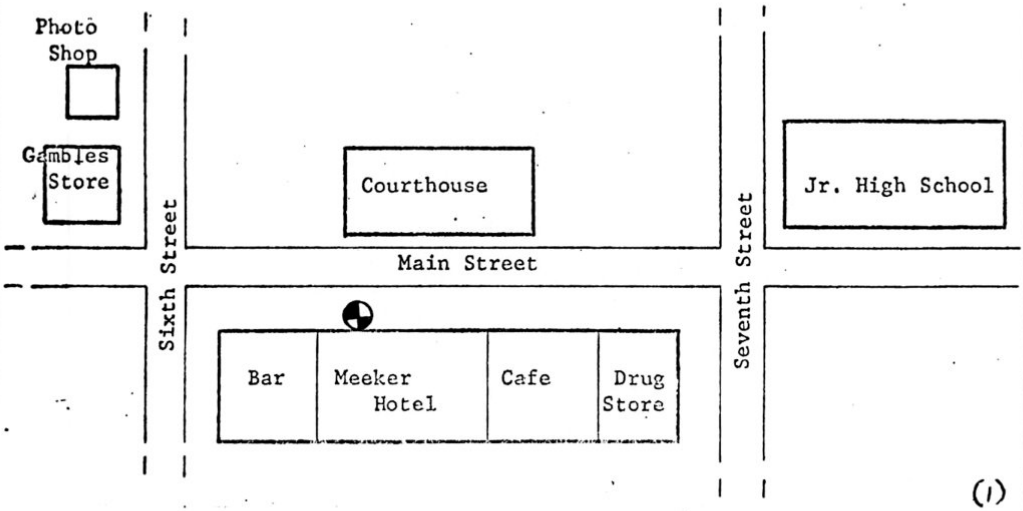
GRAVITY BASE STATION

LATITUDE 40° 02.25'N (1)	STATION DESIGNATION MEEKER
LONGITUDE 107° 54.65'W (1)	
ELEVATION 1902.0 METERS (1)	COUNTRY/STATE USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4020-1		g= 979 564.88 mgals	
IGB 15507C			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Meeker, Colorado, at the Meeker Hotel on Main Street, on the north side in the west corner (outside) about 2.5 feet off the ground and monumented by a BM and USAF disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

1428

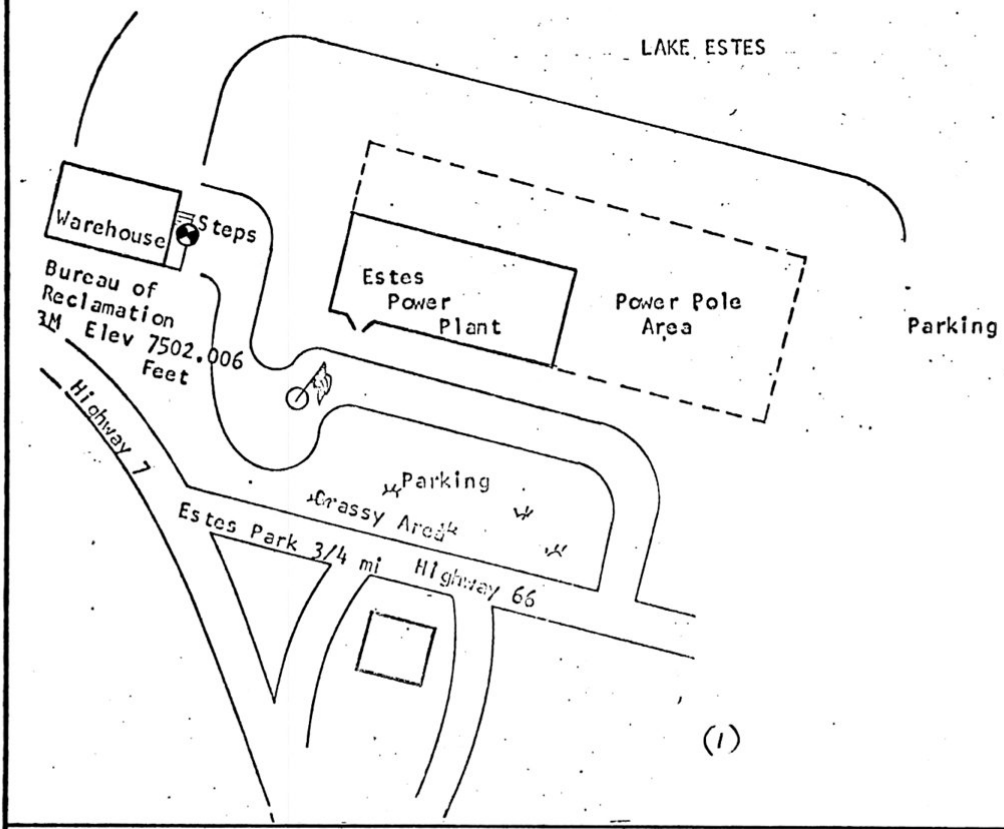
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
40° 22.61'N (1)	ESTES PARK
LONGITUDE	
105° 30.53'W (1)	
ELEVATION	**COUNTRY/STATE**
2286.61 METERS (1)	USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4021-1		g= 979 556.81 mgals	
IGB 15505C			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Estes Park at the Estes Park Power Plant warehouse, beside the main plant, on the east side of the building on the concrete porch 3.5 feet above ground, next to the steps and monumented with a Bureau of Reclamation BM. Elevation (in feet) 7502.006. (1)



REFERENCE SOURCE

(1) 03405

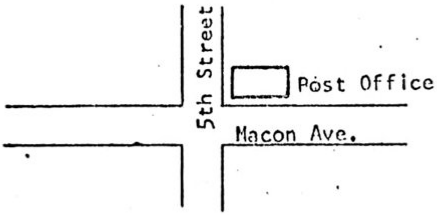
1429 ACIC HQ FORM FEB 69 O-415

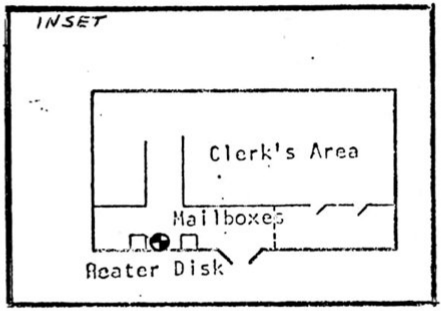
GRAVITY BASE STATION

LATITUDE 38° 26.49'N (1)	STATION DESIGNATION CANON CITY
LONGITUDE 105° 14.45'W (1)	
ELEVATION 1629.2 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 4022-1; IGB 11985B	ADOPTED GRAVITY VALUE: g= 979 492.21 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is 3 blocks north of Highway 50 in Canon City at the corner of 5th Street and Macon Avenue in the Post Office lobby, northwest side next to the floor heater and a desk. The station is monumented with a USAF Gravity Disk. (1)





(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

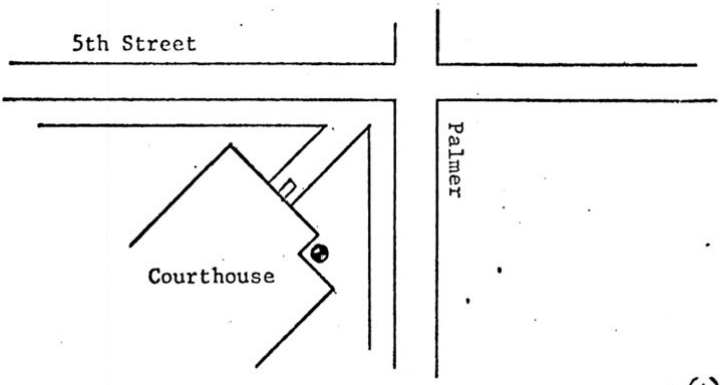
1430

GRAVITY BASE STATION

LATITUDE 38° 44.40'N (1)	STATION DESIGNATION DELTA
LONGITUDE 108° 04.30'W (1)	
ELEVATION 1509.68 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 4023-1; IGB 11988B	ADOPTED GRAVITY VALUE: g= 979 557.10 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located at 5th and Palmer Streets at the Delta County Courthouse 60 feet northeast of the main entrance on the first cement step leading into a locked side door. (1)



(1)

REFERENCE SOURCE

(1) 03405

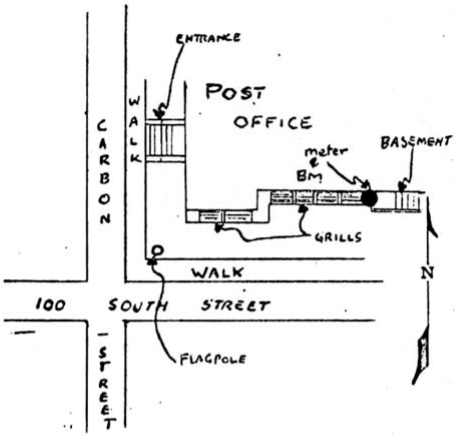
1431 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 39° 36.0'N (1)	STATION DESIGNATION PRICE
LONGITUDE 110° 48.5'W (1)	
ELEVATION 1691.7 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4025-1	ADOPTED GRAVITY VALUE: g= 979 618.80 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located on USC & GS benchmark "B50 1934", which is set in a concrete coping above a row of basement windows in the US Post Office Building in downtown Price, Utah. The coping is located on the south side of the building (South Street side) just west of a stairway leading to the basement. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

1432

GRAVITY BASE STATION

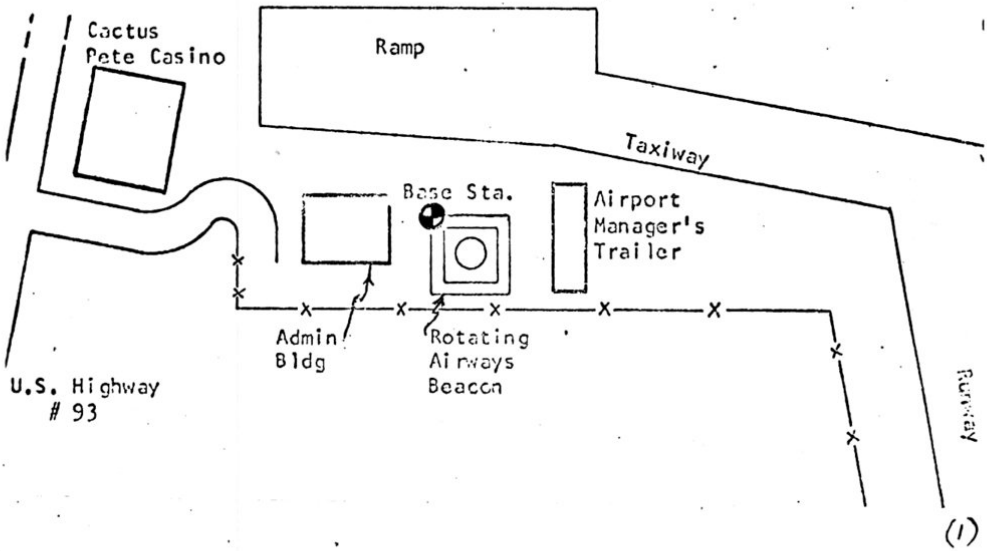
LATITUDE	STATION DESIGNATION
41° 59.06'N (1)	JACKPOT
LONGITUDE 114° 39.94'W (1)	
ELEVATION 1590.14 METERS (1)	**COUNTRY/STATE** USA/Nevada

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4026-1		g= 979 876.21 mgals	
IGB 15614J			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in the eastern portion of Jackpot, at the airport, on the concrete base of the rotating airways beacon, one foot south of the north edge and one foot east of the west edge, immediately adjacent to the northwest corner of the beacon tower and is marked with a standard "USAF Gravity Station" disc.

(1)



(1)

REFERENCE SOURCE

(1) 03405

1433

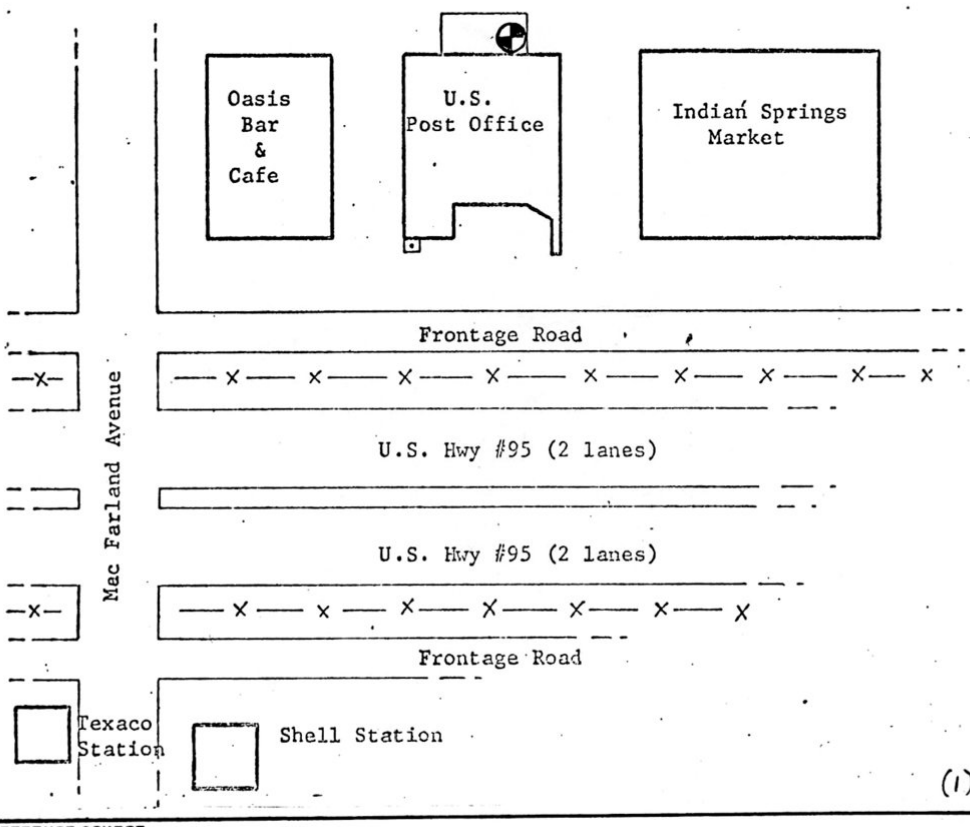
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 36° 34.60'N (1)	STATION DESIGNATION INDIAN SPRINGS
LONGITUDE 115° 39.00'W (1)	
ELEVATION 3115.0 METERS (1)	COUNTRY/STATE USA/Nevada
REFERENCE CODE NUMBERS: ACIC 4027-1; IGB 12065 C	ADOPTED GRAVITY VALUE: g= 979 554.92 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Indian Springs, Nevada at the US Post Office, on the southeast corner of the back (north) porch against the north wall of the Post Office and about 8 feet east of the back (north) door. The station is marked with a standard USAF Gravity Base Station disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

1/34

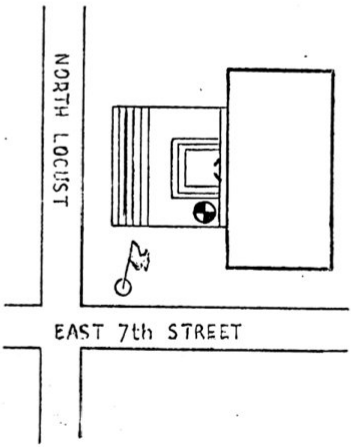
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
37° 24.00'N (1)	PITTSBURG
LONGITUDE	
94° 43.00'W (1)	
ELEVATION	**COUNTRY/STATE**
287.43 METERS (1)	USA/Kansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4029-1		g= 979 846.51 mgals	
IGB 11874B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Pittsburg, on the northeast corner of the intersection of East 7th and North Locust Street, at the post office, on the front steps on the middle landing, in the southeast corner of the landing. The station is monumented with a standard "USAF Gravity" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

1435

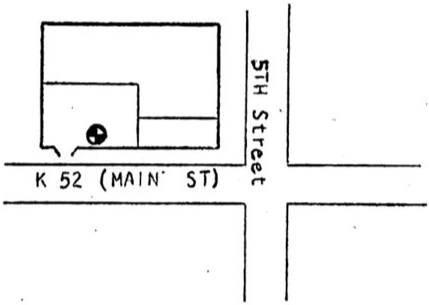
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 38° 08.57'N (1)	STATION DESIGNATION MOUND CITY
LONGITUDE 94° 48.80'W (1)	
ELEVATION 267.00 METERS (1)	COUNTRY/STATE USA/Kansas
REFERENCE CODE NUMBERS: ACIC 4030-1; IGB 11884C	ADOPTED GRAVITY VALUE: g= 979 904.46 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Mound City, 1/4 block west of the intersection of 5th Street and Main Street (Kansas Highway 52) on the north side of Main Street, in the post office, in the lobby, 6 feet east of the front entrance, 3 inches from the south wall, on the floor. The station is monumented with a standard "USAF Gravity" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

1436

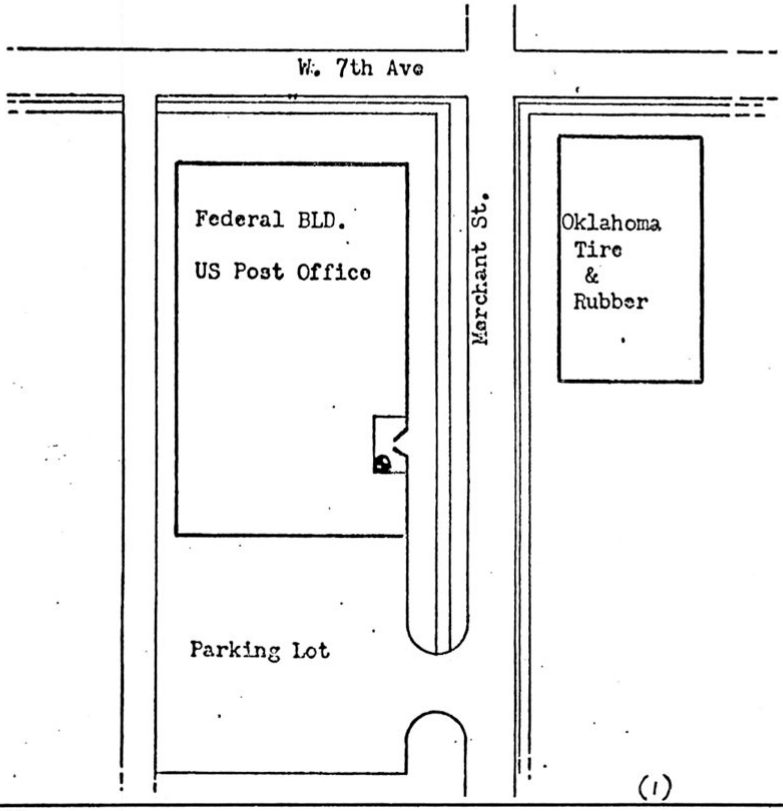
GRAVITY BASE STATION

LATITUDE 38° 24.45'N (1)	STATION DESIGNATION EMPORIA
LONGITUDE 96° 10.90'W (1)	
ELEVATION 350.52 METERS (1)	COUNTRY/STATE USA/Kansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4031-1		g= 979 904.30 mgals	
IGB 11886B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

This station is located in Emporia, Kansas, at the southwest corner of West 7th and Merchant Streets, at the Federal Building, twelve feet inside the west entrance, in the southwest corner of the entrance-way, and three inches from the south and west walls of the entrance-way. The station is a "USAF Gravity" disc. (1)



REFERENCE SOURCE

(1) 03405

1437 ACIC HQ FORM FEB 69 0-415

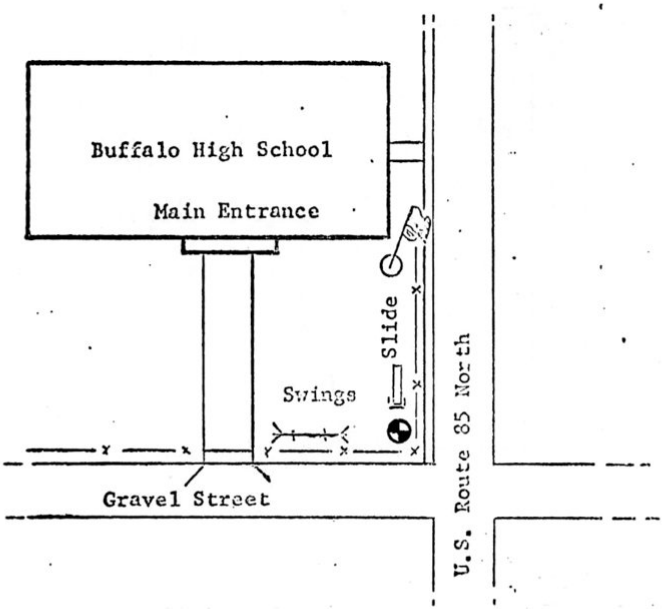
GRAVITY BASE STATION

LATITUDE 45° 35'N (1)	STATION DESIGNATION BUFFALO
LONGITUDE 103° 33'W (1)	
ELEVATION 876.69 METERS (1)	COUNTRY/STATE USA/South Dakota

REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 4032-1	g= 980 445.02 mgals	
IGB 15553B		
	ESTIMATED ACCURACY	DATE
	± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in North Buffalo, west of US Route 85. The site is a monumented USC & GS BM stamped "B32 1934" located on the Buffalo High School grounds in the southeast corner of a 6 feet high woven wire fence. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

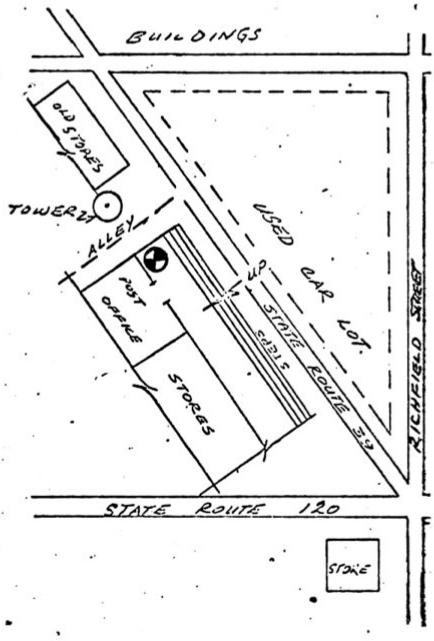
1438

GRAVITY BASE STATION

LATITUDE 35° 56.5'N (1)	STATION DESIGNATION ROY
LONGITUDE 104° 11.8'W (1)	
ELEVATION 1798.3 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4033-1; IGB 11954B	ADOPTED GRAVITY VALUE: g = 979 309.20 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 11/70

DESCRIPTION AND/OR SKETCH

Roy, New Mexico at post office on concrete surface of walkway at northeast corner of building (under awning) at Northwest edge of concrete, approximately 15 feet northwest of entrance to post office, and approximately 10 feet west-southwest of flag pole mounted at/to hand railing leading down steps. (1)



(1)

REFERENCE SOURCE

(1) 03390

1439 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

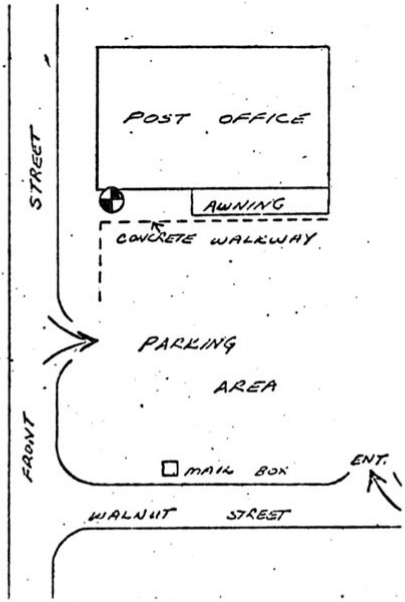
LATITUDE	STATION DESIGNATION
36° 27.10'N (1)	CLAYTON
LONGITUDE	
103° 11.10'W (1)	
ELEVATION	**COUNTRY/STATE**
1524.0 METERS (1)	USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4034-1			
IGB 11963B		g= 979 404.10 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 11/70

DESCRIPTION AND/OR SKETCH

Clayton, New Mexico; at post office at southwest corner of building on concrete surface of walkway, approximately 18 feet North-Northeast of lamppost and under west edge of post office identification sign.

Station site located in northeast quadrant of North-South street (Front Street) and "T" street east (Walnut Street). (1)



(1)

REFERENCE SOURCE

(1) 03390

ACIC HQ FORM FEB 69 0-415

1440

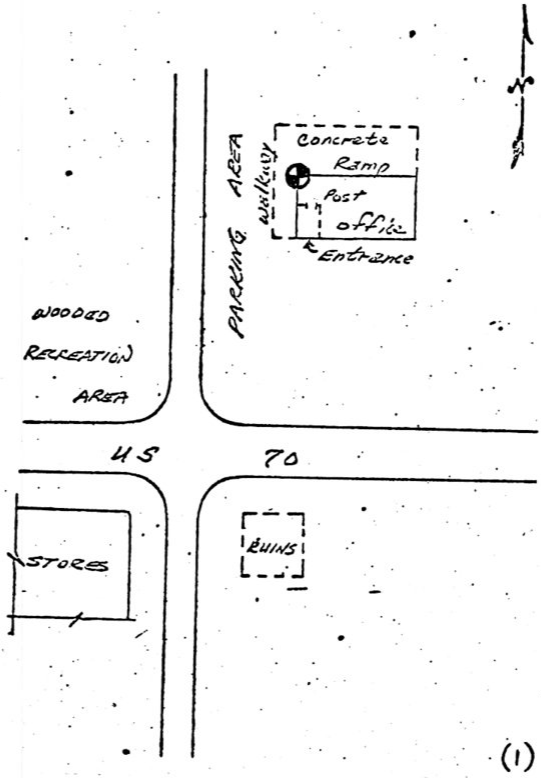
GRAVITY BASE STATION

LATITUDE 33° 56.80'N (1)	STATION DESIGNATION ELIDA
LONGITUDE 103° 39.30'W (1)	
ELEVATION 1324.4 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4035-1; IGB 11933B	ADOPTED GRAVITY VALUE: g= 979 261.31 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 1/72

DESCRIPTION AND/OR SKETCH

Elida, New Mexico; at Elida post office; at northwest corner of small red-brick bldg, on concrete surface of walkway leading to back side (north) of building.

Station site is located in approximate center of town. (1)



(1)

REFERENCE SOURCE

(1) 03390

1441

ACIC HQ FORM FEB 69 0-415

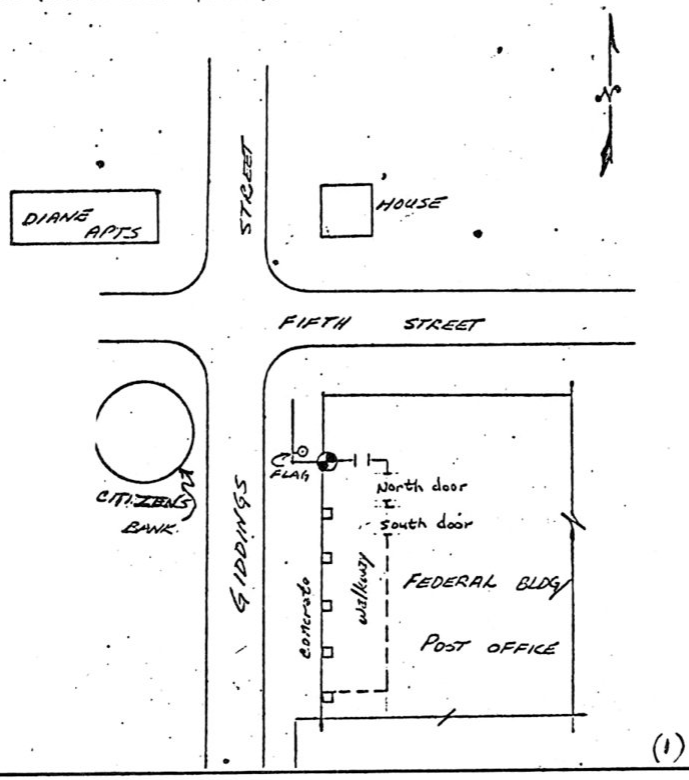
GRAVITY BASE STATION

LATITUDE 34° 24.15'N (1)	STATION DESIGNATION CLOVIS
LONGITUDE 103° 12.11'W (1)	
ELEVATION 1298.4 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4036-1; IGB 11943B	ADOPTED GRAVITY VALUE: g= 979 292.50 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Clovis, New Mexico; Federal Building/Post Office, at west entrance (Giddings St.), approximately 25 feet north-northwest of southernmost door entrance to Post Office, approximately 18 feet south-southeast of flagmast, and approximately 3 feet west of two plaques "Great Seal of United States"; at base of concrete pillar at corner of building.

Station site located in southeast quadrant of Fifth Street (East-West paved) and Giddings Street (North-South paved). (1)



REFERENCE SOURCE

(1) 03390

ACIC HQ FORM FEB 69 O-415

1442

GRAVITY BASE STATION

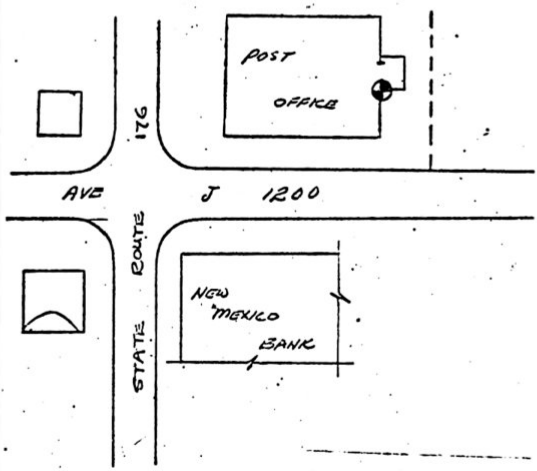
LATITUDE	STATION DESIGNATION
32° 26.30'N (1)	EUNICE
LONGITUDE	
103° 09.30'W (1)	
ELEVATION	**COUNTRY/STATE**
1039.4 METERS (1)	USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4037-1		g= 979 256.21 mgals	
IGB 11923B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Eunice, New Mexico; Eunice Post Office, on east side of building (mail delivery entrance); on concrete surface of loading ramp, under roof, approximately 1.0 foot east of east wall, on southwest corner of ramp.

To reach from intersection of State Route 176 (north-south paved road), and Avenue J 1200 (east-west paved street), proceed easterly for approximately 400 feet to Post Office building and station site on north (left) side of street. (1)



(1)

REFERENCE SOURCE

(1) 03390

1443

ACIC HQ FORM FEB 69 O-415

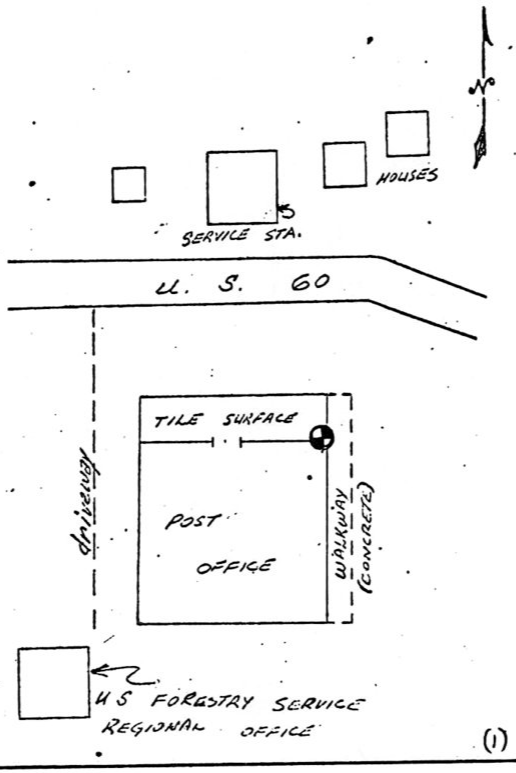
GRAVITY BASE STATION

LATITUDE 34° 20.6'N (1)	STATION DESIGNATION QUEMADO
LONGITUDE 108° 29.8'W (1)	
ELEVATION 2130.6 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4038-1; IGB 11948B	ADOPTED GRAVITY VALUE: g= 979 058.62 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Quemado, New Mexico; Post Office at northeast corner of building at west edge of north-south concrete walk (leading to rear of building), on southeast corner of tile surface; approximately 15 feet east of main entrance to Post Office and approximately 1 foot east of flag pole.

Station site located in center area of settlement of Quemado; located along US Highway 60. (1)



(1)

REFERENCE SOURCE

(1) 03390

1444

ACIC HQ FORM FEB 69 0-415

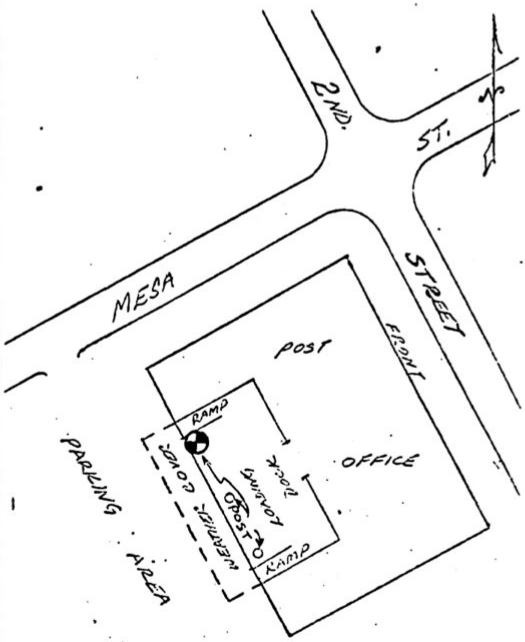
GRAVITY BASE STATION

LATITUDE 35° 31.45'N (1)	STATION DESIGNATION GALLUP
LONGITUDE 108° 44.45'W (1)	
ELEVATION 1993.4 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4039-1; IGB 11958B	ADOPTED GRAVITY VALUE: g= 979 167.94 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Gallup, New Mexico; Post Office at rear loading ramp of building, on northwest corner of concrete surface, approximately 2 feet northwest of 4 inch supporting post with power outlet, which is the northernmost post of three such posts.

Station site located in southwest quadrant of east-northeast -- west-southwest paved street (Mesas Street) and north-northwest -- south-southeast paved street (2nd street). (1)



(1)

REFERENCE SOURCE

(1) 03390

1445

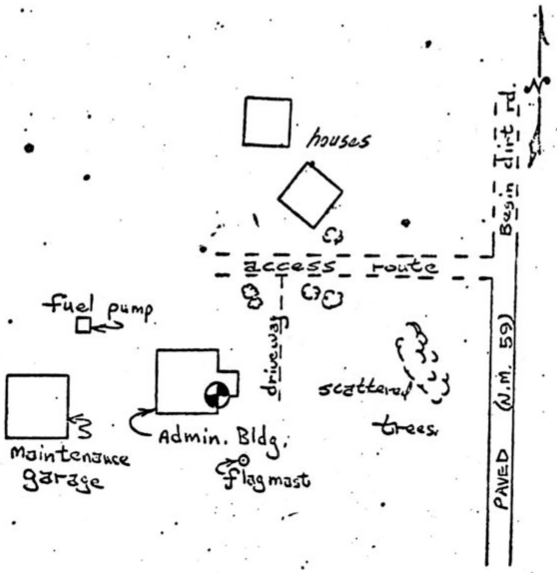
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 33° 25.25'N (1)	STATION DESIGNATION BEAVERHEAD
LONGITUDE 108° 06.70'W (1)	
ELEVATION METERS	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4040-1; IGB 11938B	ADOPTED GRAVITY VALUE: g= 978 979.36 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Beaverhead, New Mexico, at USFS ranger station, on concrete surface of entrance to administrative office, approximately 2 feet south of door, and approximately 27 feet north-northwest of flagpole; outside of building. (1)



(1)

REFERENCE SOURCE

(1) 03390

ACIC HQ FORM FEB 69 0-415

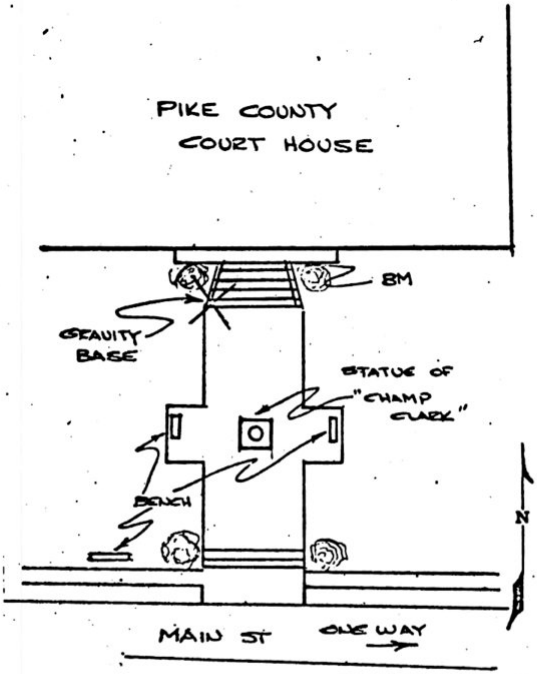
1446

GRAVITY BASE STATION

LATITUDE 39° 20.6'N (1)	STATION DESIGNATION BOWLING GREEN
LONGITUDE 91° 11.9'W (1)	
ELEVATION 273.02 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4082-1	ADOPTED GRAVITY VALUE: g= 980 029.34 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals / DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located on top of bottom step of south entrance to the Pike County Court House in Bowling Green, Missouri. Court house is at the junction of Court & Main Street in the center of town. (1)



(1)

REFERENCE SOURCE

(1) 03417

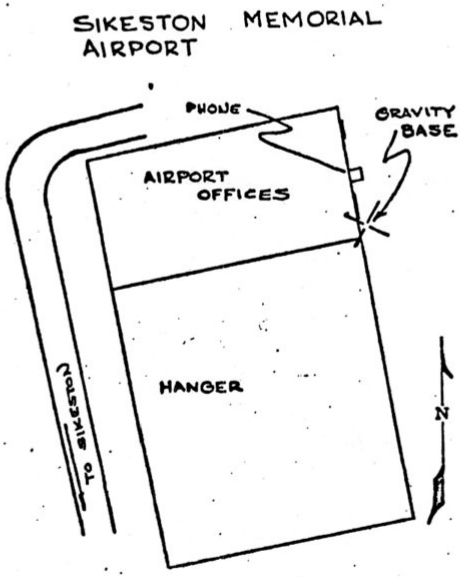
1447 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 36° 53.3'N (1)	STATION DESIGNATION SIKESTON
LONGITUDE 89° 34.0'W (1)	
ELEVATION 94.5 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4083-1	ADOPTED GRAVITY VALUE: g= 979 886.47 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located at the Sikeston Memorial Airport. Meter read on the concrete pavement 1 foot east of wall and about 7 feet south of a telephone at the airport office. The airport is located on the northeast side of town. (1)



(1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 69 0-415

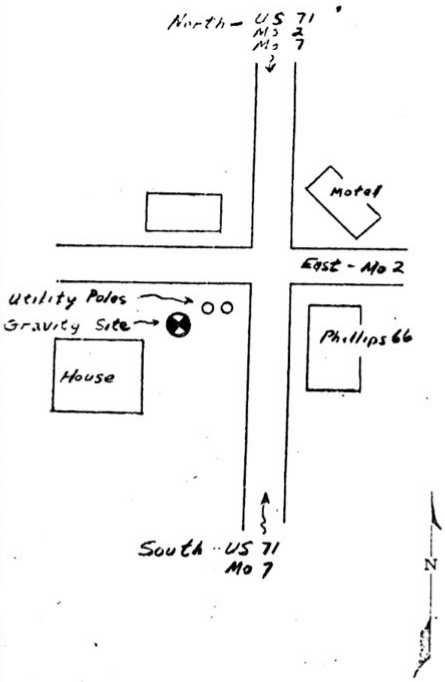
1448

GRAVITY BASE STATION

LATITUDE 38° 38.6'N (1)	STATION DESIGNATION HARRISONVILLE
LONGITUDE 94° 21.1'W (1)	
ELEVATION 271.97 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4084-1	ADOPTED GRAVITY VALUE: g= 979 957.46 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals / DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located at southwest limits of Harrisonville. Site is at junction of US 71 & Missouri 2,, 9.14 meters south and 11.28 meters west of crossroad. A USC & GS state survey standard disk in a concrete post and stamped "CWA 1934". (1)



(1)

REFERENCE SOURCE

(1) 03417

1449

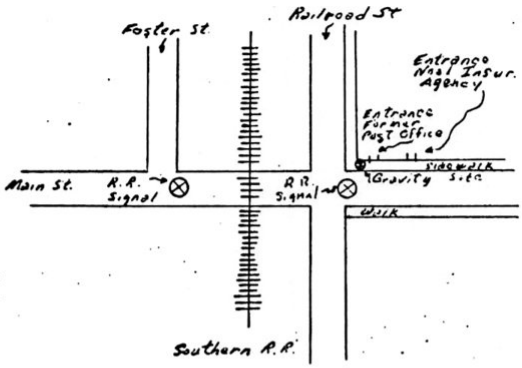
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 36° 32.7'N (1)	STATION DESIGNATION NOEL
LONGITUDE 94° 29.1'W (1)	
ELEVATION 252.14 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4085-1	ADOPTED GRAVITY VALUE: g= 979 805.35 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Reference mark, 375 feet northeast of disk, 25 feet east of track, at southwest corner of brick building (former post office), west of stairway entrance, on concrete sidewalk, chiseled square. (1)



(1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 69 0-415

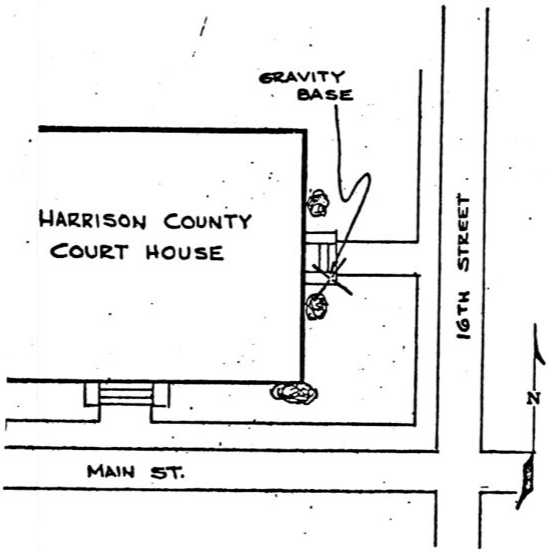
1450

GRAVITY BASE STATION

LATITUDE 40° 16.1'N (1)	STATION DESIGNATION BETHANY
LONGITUDE 94° 02.1'W (1)	
ELEVATION 277.4 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4086-1	ADOPTED GRAVITY VALUE: g= 980 100.43 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located on the east side of the Harrison County Court House in Bethany, Missouri, at northwest corner of intersection of Main and 16th Street. Meter read on south stone bannister at the east entrance, about 2 feet above ground level. (1)



(1)

REFERENCE SOURCE

(1) 03417

1451

ACIC HQ FORM FEB 69 0-415

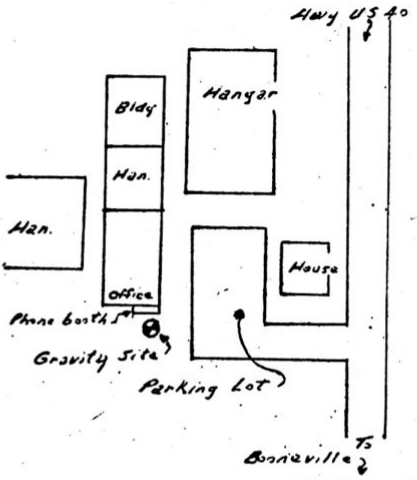
GRAVITY BASE STATION

LATITUDE 38° 59.5'N (1)	STATION DESIGNATION BOONEVILLE
LONGITUDE 92° 44.8'W (1)	
ELEVATION 180.04 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4087-1	ADOPTED GRAVITY VALUE: g= 980 001.39 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

At Booneville, about 0.3 mile north along US 40 from the north end of the highway bridge over the Missouri River at Booneville, at the Booneville Airport, 292 feet west of the centerline of the highway, 152 feet southwest of the southwest corner of a brick garage, 3.5 feet west of the southeast corner of the main office building, 1.3 feet south of the south face of the building, set in the top of a concrete post projecting 0.3 foot above the ground.

(1)



(1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 69 0-415

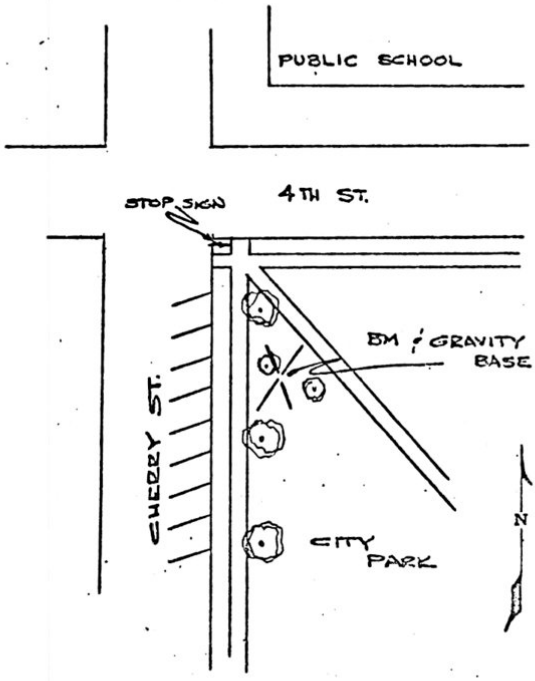
1452

GRAVITY BASE STATION

LATITUDE 39° 44.8'N (1)	STATION DESIGNATION CAMERON
LONGITUDE 94° 14.5'W (1)	
ELEVATION 316.2 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4088-1	ADOPTED GRAVITY VALUE: g= 980 033.53 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located at the northwest corner of the city park in Cameron, Missouri. Meter read directly on top of benchmark (set in concrete post), 90 feet south of centerline of 4th Street and 80 feet east of the centerline of Cherry Street. (1)



(1)

REFERENCE SOURCE

(1) 03417

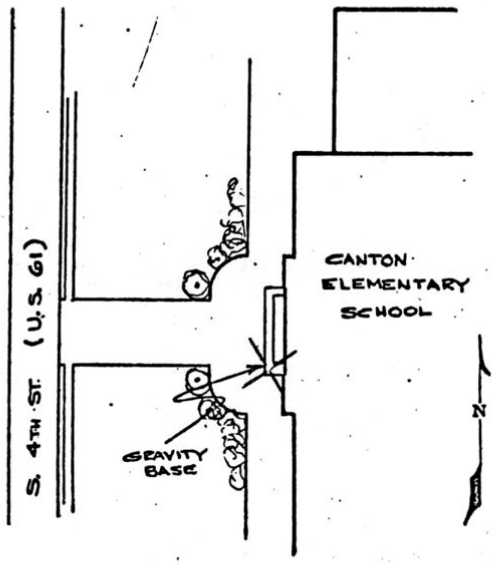
1453 ACIC HQ FORM 0-415

GRAVITY BASE STATION

LATITUDE 40° 07.7'N (1)	STATION DESIGNATION CANTON
LONGITUDE 91° 31.1'W (1)	
ELEVATION 146.3 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4089-1	ADOPTED GRAVITY VALUE: g= 980 131.99 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located on top of bottom step to the northwest entrance of the Canton Elementary School in Canton, Missouri on east side of South 4th Street (US Route 61), at junction with Washington Street.



(1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 68 O-415

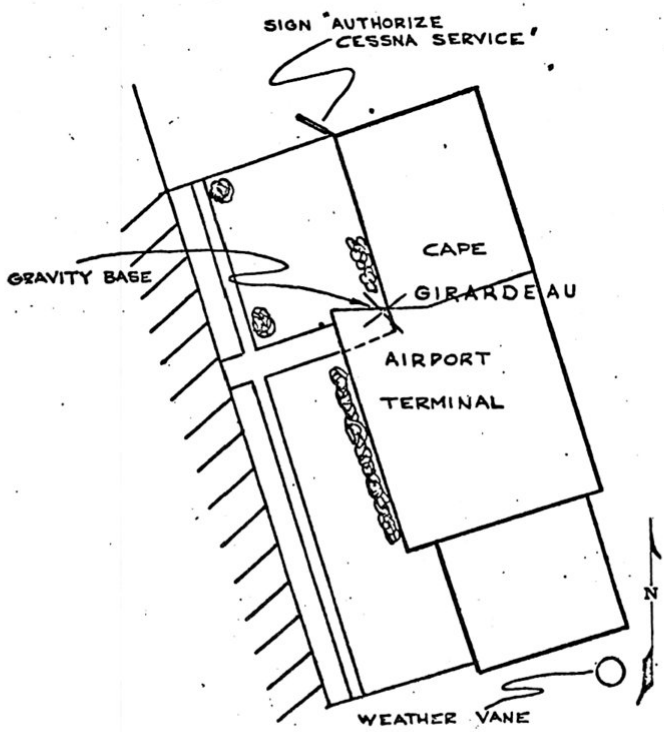
1454

GRAVITY BASE STATION

LATITUDE 37° 13.6'N (1)	STATION DESIGNATION CAPE GIRARDEAU
LONGITUDE 89° 33.9'W (1)	
ELEVATION 104.2 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4090-1	ADOPTED GRAVITY VALUE: g= 979 922.10 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located at the Cape Girardeau Municipal Airport at the new terminal building on the concrete porch at the west entrance. Meter read on porch about 6 feet west of double doors. (1)



(1)

REFERENCE SOURCE

(1) 03417

1455

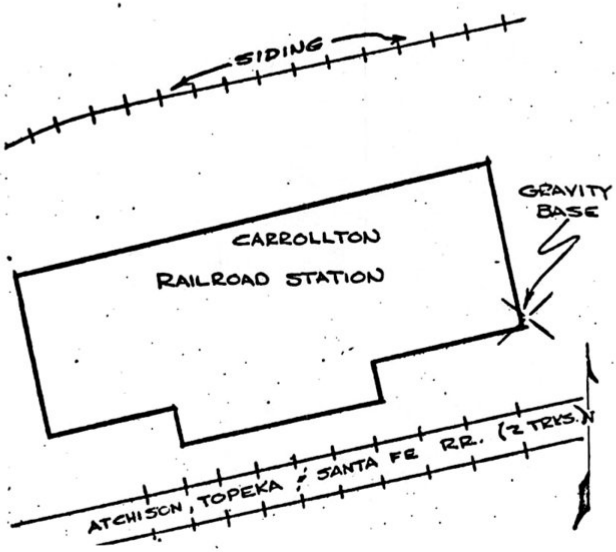
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 39° 21.0'N (1)	STATION DESIGNATION CARROLLTON
LONGITUDE 93° 29.8'W (1)	
ELEVATION 201.2 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4091-1	ADOPTED GRAVITY VALUE: g= 980 037.03 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located in Carrollton, Missouri about 300 feet northwest of the junction of Main Street and US Route 24. At the southeast corner of the railroad station along the A, T & SF Railroad line. Meter read on the brick pavement 1 foot east of the wall and 2 feet north of the southeast corner of the building. (1)



(1)

REFERENCE SOURCE

(1) 03417

1456

ACIC HQ FORM FEB 69 0-415

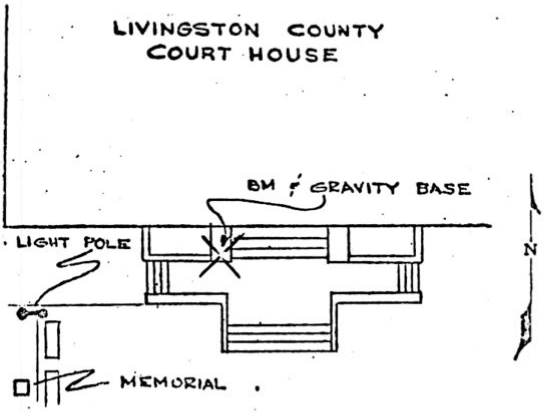
GRAVITY BASE STATION

LATITUDE 39° 47.6'N (1)	STATION DESIGNATION CHILLICOTHE
LONGITUDE 93° 33.1'W (1)	
ELEVATION 243.34 METERS (1)	COUNTRY/STATE USA/Missouri

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4092-1		g= 980 061.31 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located at the Livingston County Court House in Chillicothe, Missouri along US 65. Meter read directly over BM on stone bannister at the south side of the building, at the west side of the entrance. Court house is at the northeast corner of the junction of Washington Street (US 65) and Jackson Street. (1)



(1)

REFERENCE SOURCE

(1) 03417

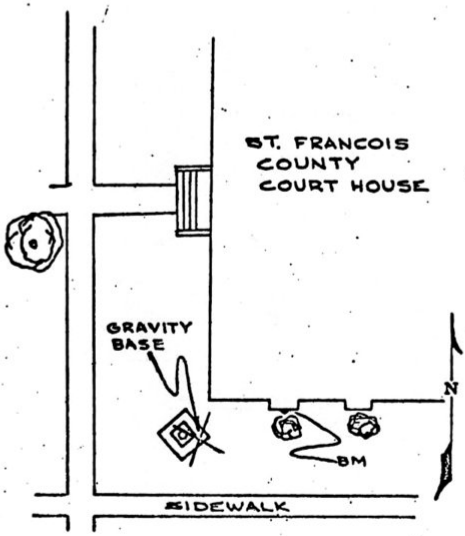
1457 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 37° 46.8'N (1)	STATION DESIGNATION FARMINGTON
LONGITUDE 90° 25.3'W (1)	
ELEVATION 279.32 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4093-1	ADOPTED GRAVITY VALUE: g= 979 905.65 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located at the St Francois County Court House in Farmington, Missouri. Meter read at the southwest corner of the court house at the base of a flag pole, about 7 feet southwest of a USGS BM set vertically in the wall of the court house. Court house is located in the center of town at the intersection of Columbia Street (State Route W) and Jefferson Street. (1)



(1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 69 0-415

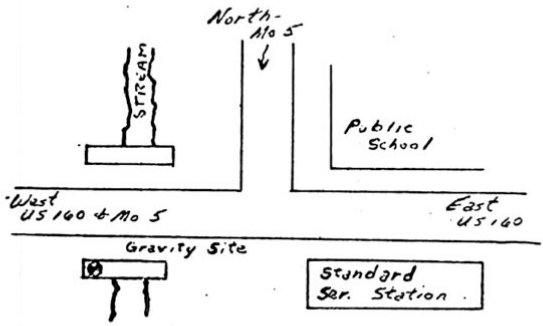
1458

GRAVITY BASE STATION

LATITUDE 36° 36.0'N (1)	STATION DESIGNATION GAINESVILLE
LONGITUDE 92° 25.9'W (1)	
ELEVATION 231.26 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4094-1	ADOPTED GRAVITY VALUE: g= 979 813.14 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

At Gainesville, Ozark County, 89 feet southwest of the center of the junction of State Highway 5 and US Highway 160, at a concrete box culvert, about 5 feet lower than the highway. A standard disk stamped "B 66 1934". (1)



(1)

REFERENCE SOURCE

(1) 03417

1459

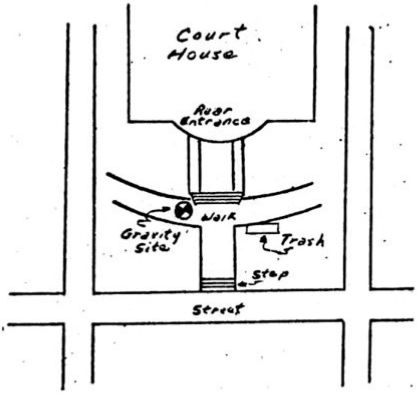
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 36° 48.3'N (1)	STATION DESIGNATION GALENA
LONGITUDE 93° 28.0'W (1)	
ELEVATION 309.74 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4095-1	ADOPTED GRAVITY VALUE: g= 979 794.84 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

The station is located at Galena, Stone County, near the south face of the County Court House, near the southwest corner of the building on the sidewalk. The USGS BM stamped "1019 ADJ 1903" set in face of court house wall has been destroyed. (1)



(1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 69 O-415

1460

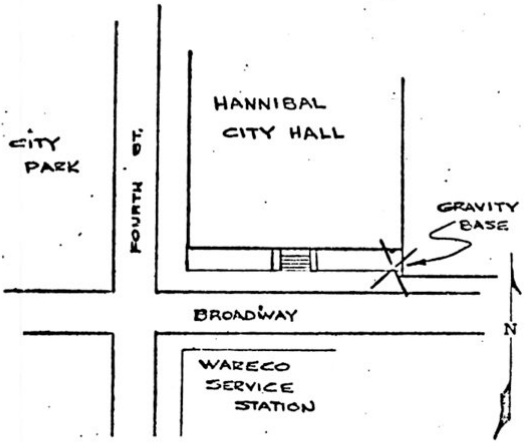
GRAVITY BASE STATION

LATITUDE 39° 42.5'N (1)	STATION DESIGNATION HANNIBAL
LONGITUDE 91° 21.5'W (1)	
ELEVATION 149.24 METERS (1)	COUNTRY/STATE USA/Missouri

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4096-1		g= 980 097.26 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located at the city hall at Hannibal, Missouri, at the southeast corner of the building. Meter read on the sidewalk about 4 feet south of a USC & GS BM set vertically in face of building. City Hall is located on the northeast corner of intersection of Broadway and Fourth Street. (1)



(1)

REFERENCE SOURCE

(1) 03417

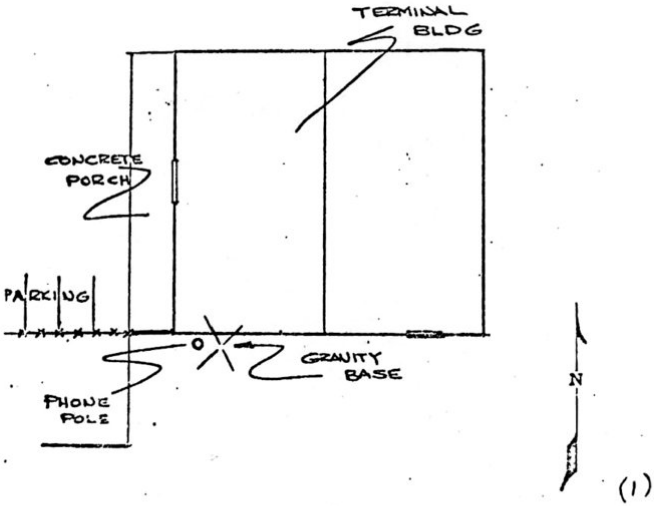
1461 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 06.0'N (1)	STATION DESIGNATION KIRKSVILLE
LONGITUDE 92° 32.7'W (1)	
ELEVATION 292.6 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4097-1	ADOPTED GRAVITY VALUE: g= 980 091.99 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located on the concrete ground at the southwest corner of small terminal building at the Kirksville Airport. Two feet south of the south wall and 5 feet east of the southwest corner of the building. The airport is located on the west side of US Route 63 about 7 miles south of Kirksville, Missouri. (1)



(1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 69 0-415

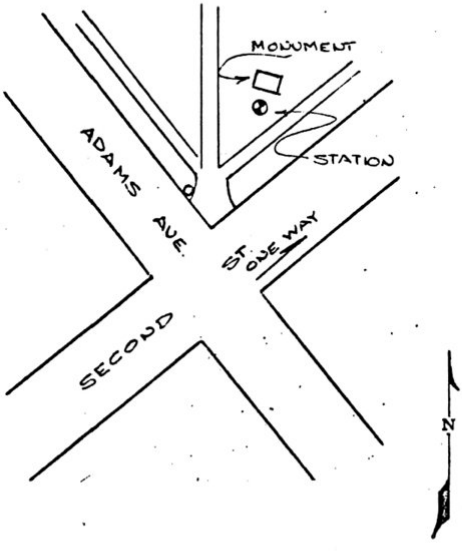
1462

GRAVITY BASE STATION

LATITUDE 37° 40.9'N (1)	STATION DESIGNATION LEBANON
LONGITUDE 92° 39.8'W (1)	
ELEVATION 385.90 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4098-1	ADOPTED GRAVITY VALUE: g= 979 863.80 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

In Lebanon, Laclede County, at the intersection of Adams Avenue and Second Street, at the county courthouse. Station is located in the southeast corner of the courthouse lawn and 4 yards southeast of a monument to Richard Parks Bland. BM is a standard USC & GS disk stamped "N 122 1935", set in top of a concrete post. (1)



(1)

REFERENCE SOURCE

(1) 03417

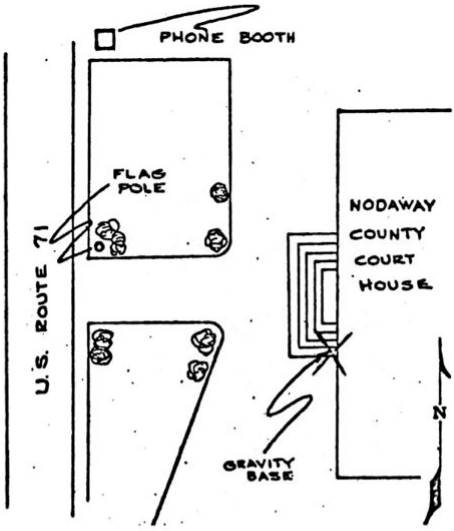
1463 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 20.9'N (1)	STATION DESIGNATION MARYVILLE
LONGITUDE 94° 52.3'W (1)	
ELEVATION 350.5 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4099-1	ADOPTED GRAVITY VALUE: g= 980 081.50 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located on the bottom step at the east entrance to the Nodaway County court house at Maryville, Missouri, along US 71. Meter read on step about 2 feet west of the court house wall. (1)



(1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 69 O-415

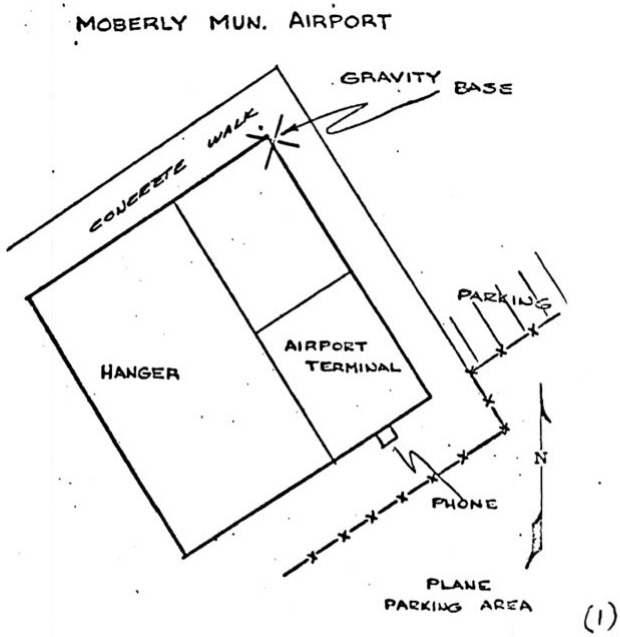
1464

GRAVITY BASE STATION

LATITUDE 39° 27.9'N (1)	STATION DESIGNATION MOBERLY
LONGITUDE 92° 25.9'W (1)	
ELEVATION 263.7 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4100-1	ADOPTED GRAVITY VALUE: g= 980 056.54 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located at the Omar Bradley (Moberly) Airport on a concrete walk at the northeast corner of the airport terminal, 2 feet northeast of wall and 2 feet southeast of the north corner of building. Airport is located about 2.5 miles north of Moberly along US Route 63. (1)



(1)

REFERENCE SOURCE

(1) 03417

1465

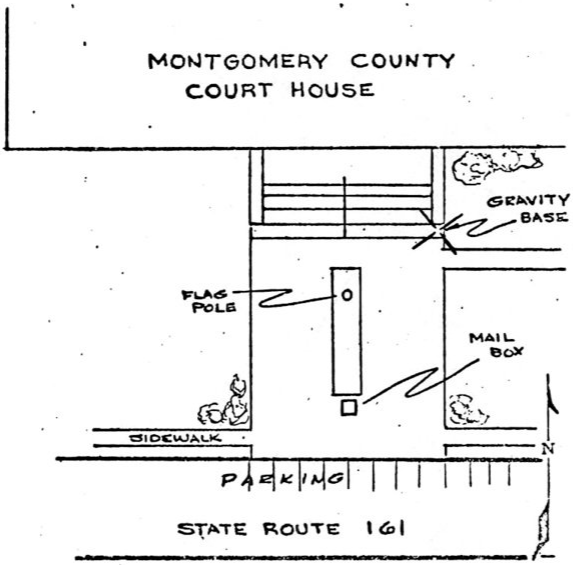
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 38° 58.7'N (1)	STATION DESIGNATION MONTGOMERY CITY
LONGITUDE 91° 30.3'W (1)	
ELEVATION 253.9 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4101-1	ADOPTED GRAVITY VALUE: g= 979 994.06 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located at east side of the bottom step to south entrance of the Montgomery County court house in Montgomery City, Missouri, along State Route 161. (1)



(1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 69 0-415

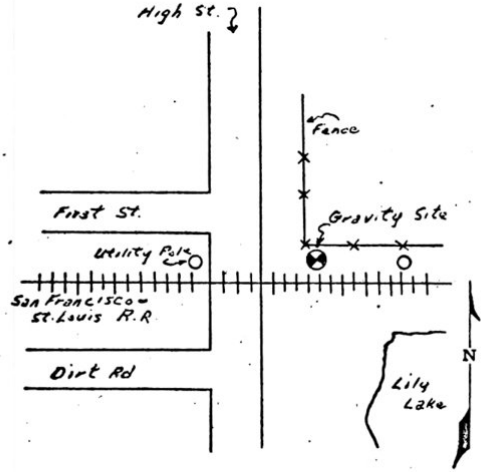
1466

GRAVITY BASE STATION

LATITUDE 37° 07.6'N (1)	STATION DESIGNATION MOUNTAIN GROVE
LONGITUDE 92° 16.3'W (1)	
ELEVATION 452.81 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4102-1	ADOPTED GRAVITY VALUE: g= 979 803.63 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

At Mountain Grove, Missouri, at the intersection of St Louis-San Francisco Railroad track and High Street, in northeast corner of intersection; USC & GS BM "H-7 1928". (1)



(1)

REFERENCE SOURCE

(1) 03417

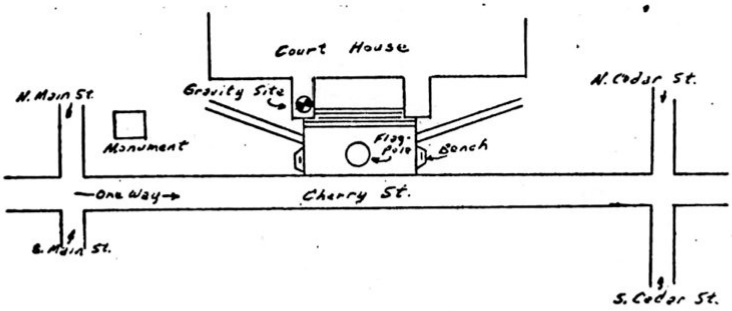
1467 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 37° 50.3'N (1)	STATION DESIGNATION NEVADA
LONGITUDE 94° 21.5'W (1)	
ELEVATION 268.23 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4103-1	ADOPTED GRAVITY VALUE: g= 979 886.33 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

At Nevada, Vernon County, at the Court House, 10 feet west of the south entrance, and in the top of the west end of the top stone step. USGS standard disk is stamped "880 TT 60 B 1933". (1)



— (1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 69 O-415

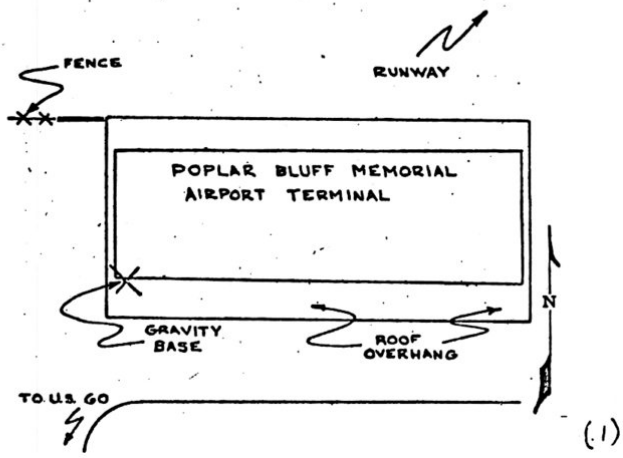
1468

GRAVITY BASE STATION

LATITUDE 36° 46.0'N (1)	STATION DESIGNATION POPLAR BLUFF
LONGITUDE 90° 19.1'W (1)	
ELEVATION 101.19 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4104-1	ADOPTED GRAVITY VALUE: g= 979 857.60 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located at the Poplar Bluff Memorial Airport, 4 miles east of Poplar Bluff, Missouri along US Route 60. Meter read on the concrete porch at the southwest corner of the terminal building, 1 foot south of the wall. (1)



(1)

REFERENCE SOURCE

(1) 03417

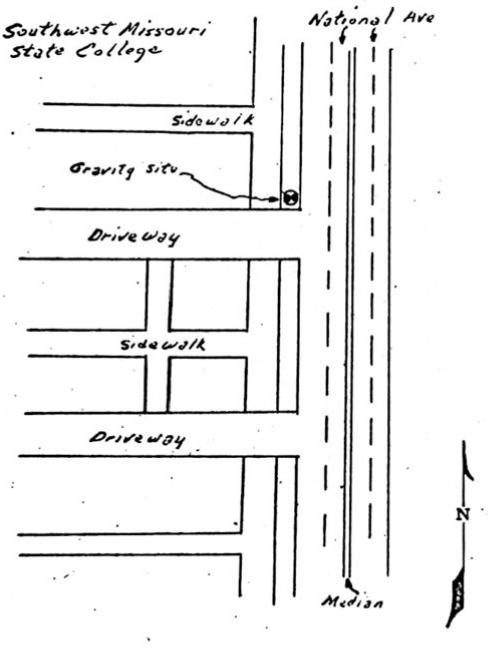
1469 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 37° 11.9'N (1)	STATION DESIGNATION SPRINGFIELD
LONGITUDE 93° 16.6'W (1)	
ELEVATION 149.11 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4106-1	ADOPTED GRAVITY VALUE: g= 979 827.57 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

At Springfield, 21 feet north of North Drive of east entrance to Southwest Missouri State College, 19 feet west of National Avenue, on top of concrete curb. USGS BM "8 H Reset 1964". (1)



(1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 69 O-415

1470

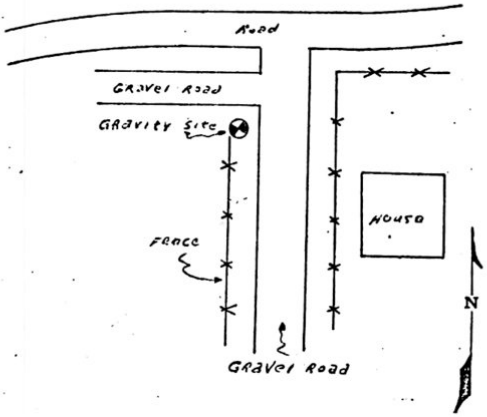
GRAVITY BASE STATION

LATITUDE 37° 59.2'N (1)	STATION DESIGNATION STEELVILLE
LONGITUDE 91° 15.3'W (1)	
ELEVATION 305.41 METERS (1)	COUNTRY/STATE USA/Missouri

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4107-1		g= 979 916.46 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Steelville, Missouri, 6 miles east of and 1.5 miles north of State Highway 8. The station marker is in the front yard of a white house on the south side of the road. The gravimeter was set on top of the BM. (1)



(1)

REFERENCE SOURCE

(1) 03417

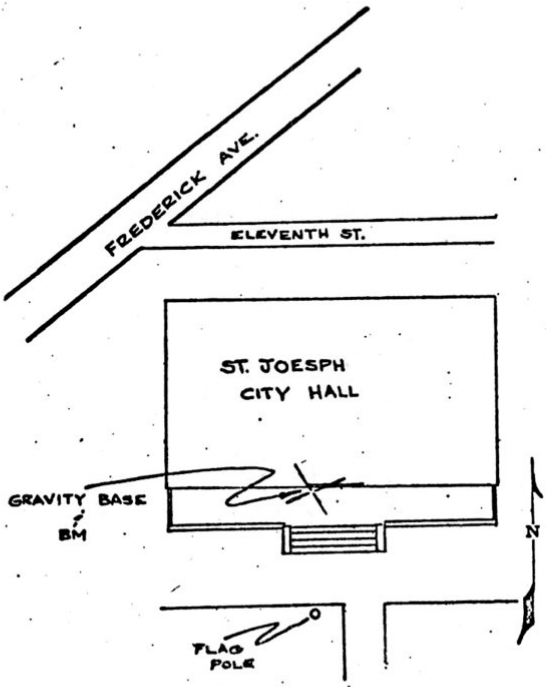
1471 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 39° 46.1'N (1)	STATION DESIGNATION ST JOSEPH
LONGITUDE 94° 50.9'W (1)	
ELEVATION 271.25 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4108-1	ADOPTED GRAVITY VALUE: g= 980 049.40 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located directly over USC & GS BM on concrete floor at the south door to the city hall at St Joseph, Missouri along Frederick Avenue. (Interstate 29, Business), at jct. with eleventh St. (1)



(1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 69 0-415

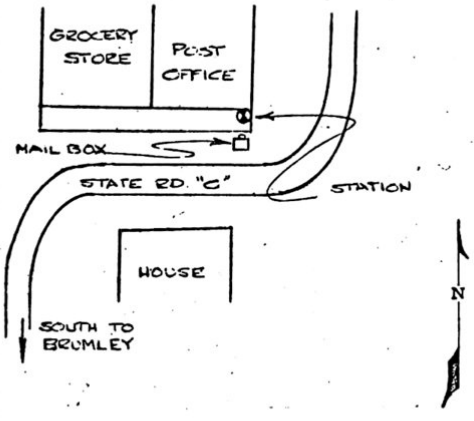
1472

GRAVITY BASE STATION

LATITUDE 38° 09.2'N (1)	STATION DESIGNATION ULMAN
LONGITUDE 92° 26.7'W (1)	
ELEVATION 87.25 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4109-1	ADOPTED GRAVITY VALUE: g= 979 912.84 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

At Ulman, Missouri, 1 foot west of southeast corner of post office, on concrete porch; standard tablet stamped "10 J 1932". (1)



(1)

REFERENCE SOURCE

(1) 03417

1473 ACIC HQ FORM FEB 69 0-415

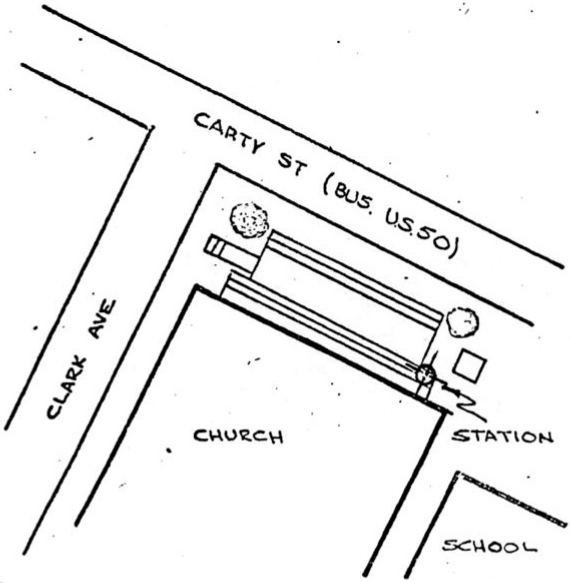
GRAVITY BASE STATION

LATITUDE 38° 33.9'N (1)	STATION DESIGNATION JEFFERSON CITY
LONGITUDE 92° 09.6'W (1)	
ELEVATION 207.3 METERS (1)	COUNTRY/STATE USA/Missouri

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4110-1		g= 979 962.15 mgals	
IGB 11882B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/72

DESCRIPTION AND/OR SKETCH

Station is located on the east side of Jefferson City, Missouri at the Church and School of the Immaculate Conception on the southeast corner of the intersection of Carty St (US 50 Bus.) and Clark Ave. Observations made on top of the bottom step to the front (north) entrance to the church at the east end. (1)



(1)

REFERENCE SOURCE

(1) 03708

ACIC HQ FORM FEB 69 0-415

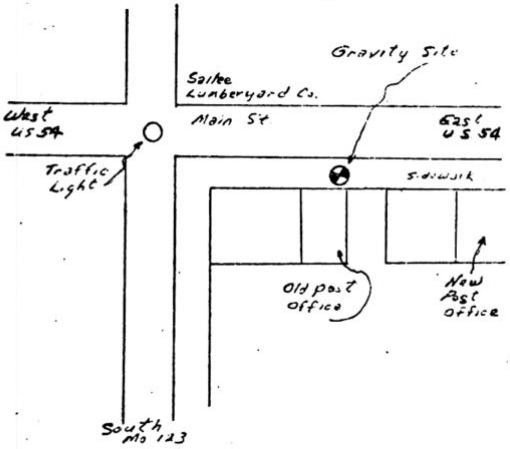
1474

GRAVITY BASE STATION

LATITUDE 37° 53.4'N (1)	STATION DESIGNATION WEAUBLEAU
LONGITUDE 93° 32.4'W (1)	
ELEVATION 298.37 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4111-1	ADOPTED GRAVITY VALUE: g= 979 884.73 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

At Weaubleau, 122 feet east of southeast corner of US 54 and Missouri 123, on concrete foundation of brick building (former post office building), chiseled square. (1)



(1)

REFERENCE SOURCE

(1) 03417

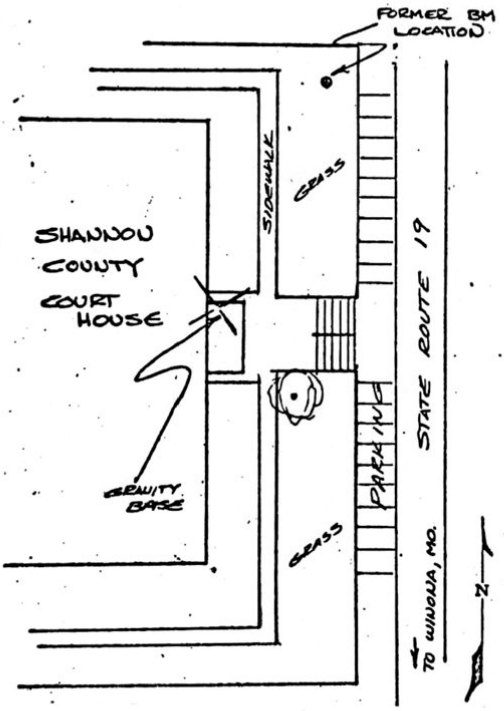
1475 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 37° 08.9'N (1)	STATION DESIGNATION EMINENCE
LONGITUDE 91° 21.5'W (1)	
ELEVATION 206.3 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4112-1	ADOPTED GRAVITY VALUE: g= 979 832.76 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/70

DESCRIPTION AND/OR SKETCH

Station is located at the Shannon County Court House in Eminence, Missouri along State Route 19. Meter read on concrete porch at east side entrance to court house, 5 feet northeast of entrance. The USGS BM was formerly located about 60 feet northeast of the gravity base. (1)



(1)

REFERENCE SOURCE

(1) 03417

ACIC HQ FORM FEB 69 0-415

1476

GRAVITY BASE STATION

LATITUDE 44° 09.8'N (1)	STATION DESIGNATION MANKATO
LONGITUDE 94° 00.2'W (1)	
ELEVATION 241.86 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4122-1	ADOPTED GRAVITY VALUE: g= 980 483.23 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 1/71

DESCRIPTION AND/OR SKETCH

At Mankato, Blue Earth County, at the post office at the Jackson Street entrance southeast of the steps, near corner of wing of building. A standard USC & GS disk stamped "N 3 1930, Reset 1957, 796.491" and set vertically. Gravity station is located on ground below BM, 1 foot from wall. (1)

REFERENCE SOURCE

(1) 03409

1477 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
46° 21.3'N (1)	BRAINERD
LONGITUDE	
94° 12.1'W (1)	
ELEVATION	COUNTRY/STATE
368.3 METERS (1)	USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4123-1		g= 980 652.29 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Brainerd, Crow Wing County, in the south wall of the city hall, just west of the entrance steps, in the first course of stone above the foundation, about 15 inches east of a window and about 2 feet above ground. A standard USC & GS disk stamped "U 38 1934" and set vertically. Gravity station is located on ground below BM, 9 inches south of wall. (1)

REFERENCE SOURCE

(1) 03409

ACIC HQ FORM FEB 69 O-415

1478

GRAVITY BASE STATION

LATITUDE 47° 57.7'N (1)	STATION DESIGNATION GRAND PORTAGE
LONGITUDE 89° 41.1'W (1)	
ELEVATION 190.2 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4126-1	ADOPTED GRAVITY VALUE: g= 980 828.28 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Grand Portage National Monument, S 1/2 sec 4, T 63N, R 6E, on top of front stairs leading into lodge in stockade. (1)

REFERENCE SOURCE

(1) 03409

1479

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 48° 42.1'N (1)	STATION DESIGNATION GREENBUSH
LONGITUDE 96° 10.8'W (1)	
ELEVATION 326.87 METERS (1)	COUNTRY/STATE USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4127-1		g= 980 864.10 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Greenbush, Roseau County, on the Great Northern Railway, at the abandoned site of a water tank, in the center of the top of the stone foundation, 23.7 feet west of the west rail of the main track and 1 foot east of a white wooden witness post. A standard USC & GS disk stamped "N 318 1940". Gravity station is on top of the disk.

(1)

REFERENCE SOURCE

(1) 03409

ACIC HQ FORM FEB 69 O-415

1480

GRAVITY BASE STATION

LATITUDE 46° 00.7'N (1)	STATION DESIGNATION HINCKLEY
LONGITUDE 92° 56.6'W (1)	
ELEVATION 314.1 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4128-1	ADOPTED GRAVITY VALUE: g= 980 639.69 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Hinckley, Pine County, on the southwest side of town, 33 feet north and 54 feet west of crossing of Northern Pacific Railway and Great Northern tracks, 5 1/2 feet south of a pole. A standard USC & GS disk stamped "C 60 1934" and set in top of concrete post.

(1)

REFERENCE SOURCE

(1) 03409

1481

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 48° 36.1'N (1)	STATION DESIGNATION INTERNATIONAL FALLS
LONGITUDE 93° 24.5'W (1)	
ELEVATION 342.60 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4129-1	ADOPTED GRAVITY VALUE: g= 980 845.02 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At International Falls, Koochecking County, at the county courthouse on Fourth Street, in the center of a cement column at the west side of the main entrance. A standard USC & GS disk, stamped "Q 10 1931" and set vertically. Gravity station is located on concrete below disk. (1)

REFERENCE SOURCE

(1) 03409

ACIC HQ FORM FEB 69 O-415

1482

GRAVITY BASE STATION

LATITUDE 44° 28.1'N (1)	STATION DESIGNATION MORGAN
LONGITUDE 94° 53.1'W (1)	
ELEVATION 310.01 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4130-1	ADOPTED GRAVITY VALUE: g= 980 475.20 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

3.9 miles north of Morgan, Redwood County, thence 2.0 miles east, thence 1.0 mile north; near car. sections 25, 26, 35, and 36; T 112N, R 34W, 910 feet south and 31 feet east of north-south road at T-road east; 68 feet north and 31 feet east of private drive east; a standard USGS tablet stamped "TT 33 KW 1951" and set in the top of a concrete post. Gravity station is located on ground next to BM. (1)

REFERENCE SOURCE

(1) 03409

1483 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 45° 35.4'N (1)	STATION DESIGNATION MORRIS
LONGITUDE 95° 55.2'W (1)	
ELEVATION 346.89 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4131-1	ADOPTED GRAVITY VALUE: g= 980 586.54 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Morris, Stevens County, on the Great Northern Railway, at the site of a former water tank northwest of the railway station, southwest of tracks in the northeast corner of the concrete foundation for the southeast leg of the former water tank. A standard USC & GS disk stamped "Z 105 1934". Gravity station is on top of BM. (1)

REFERENCE SOURCE

(1) 03409

ACIC HQ FORM FEB 69 O-415

1484

GRAVITY BASE STATION

LATITUDE 47° 54.0'N (1)	STATION DESIGNATION NORTHOME
LONGITUDE 94° 15.0'W (1)	
ELEVATION 431.54 METERS (1)	COUNTRY/STATE USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4132-1		g= 980 792.36 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At a road crossing 2.6 miles northeast along the Northern Pacific Railway from Northome, Kvocheching County, 44.2 feet southeast of the southeast rail of the main track, 12 feet southwest of the centerline of the road, 3 feet northwest of the right of way fence and near the fence corner. A standard USC & GS disk, stamped "U 9 1931" and set in the top of a concrete post flush with the ground. Gravity station is on top of disk. (1)

REFERENCE SOURCE

(1) 03409

1485

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 44° 05.0'N (1)	STATION DESIGNATION OWATONNA
LONGITUDE 93° 13.5'W (1)	
ELEVATION 351.65 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4133-1	ADOPTED GRAVITY VALUE: g= 980 470.76 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Owatonna, Steele County, in Central Park. In the southeast quarter of park, south of bandstand, 37.7 feet south of Centennial Time Bomb Marker. A standard USC & GS disk stamped "Owatonna, Reset 1962" and set flush with ground. Gravity station is on top of disk. (1)

REFERENCE SOURCE

(1) 03409

ACIC HQ FORM FEB 69 O-415

1486

GRAVITY BASE STATION

LATITUDE 43° 59.9'N (1)	STATION DESIGNATION PIPESTONE
LONGITUDE 96° 18.7'W (1)	
ELEVATION 527.85 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4134-1	ADOPTED GRAVITY VALUE: g= 980 388.07 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 1/71

DESCRIPTION AND/OR SKETCH

At Pipestone, Pipestone County, in the brick wall of the Great Northern Railway station, 2.6 feet north of the men's waiting room door and 5.3 feet higher than the platform. A standard USC & GS disk stamped "1,737.090 x 11 1931" and set vertically. Gravity station is located on platform directly below BM. (1)

REFERENCE SOURCE

(1) 03409

1487 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 45° 44.0'N (1)	STATION DESIGNATION SAUK CENTER
LONGITUDE 94° 57.4'W (1)	
ELEVATION 383.56 METERS (1)	COUNTRY/STATE USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4135-1		g= 980 587.92 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Sauk Center, Stearns County, southwest of the Great Northern Railway station, about 100 feet west of the intersection of Center Street and Railroad Avenue, opposite the poultry house of Swift and Company, 39 feet southwest of the center line of Railroad Avenue, 62 feet east of the northeast corner of a house, 25.5 feet north of the northwest corner of a frame house, and 2 feet west of a clutter of lilac bushes. A copper bold surrounded by the chisled letters "USBM" and set in the top of a stone post projecting about 1/2 foot above ground. Gravity station is located on ground on southeast side of BM. (1)

REFERENCE SOURCE

(1) 03409

ACIC HQ FORM FEB 69 O-415

1488

GRAVITY BASE STATION

LATITUDE 45° 33.7'N (1)	STATION DESIGNATION ST CLOUD
LONGITUDE 94° 09.7'W (1)	
ELEVATION 316.57 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4136-1	ADOPTED GRAVITY VALUE: g= 980 601.78 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At St Cloud, Stearns County, 200 feet south of the Great Northern Railway, at the county jail, 23 feet south of the southeast corner of the building, 3 feet north of a walk and 2 feet east of the east line of the building. A standard USC & GS disk stamped "S 59 1934" and set in the top of a concrete post. Gravity station is located on ground on west side of BM. (1)

REFERENCE SOURCE

(1) 03409

1489

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 48° 07.2'N (1)	STATION DESIGNATION THIEF RIVER FALLS
LONGITUDE 96° 10.5'W (1)	
ELEVATION 344.61 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4137-1	ADOPTED GRAVITY VALUE: g= 980 811.97 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Thief River Falls, Pennington County, at the Minneapolis, St Paul, and Sault St Marie Railroad Station, in the east brick wall, at the south side of the entrance door to the waiting room. A standard USC & GS disk stamped "K 68 1934" and set vertically. Gravity station is located on platform 1 foot from wall. (1)

REFERENCE SOURCE

(1) 03409

1490

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 47° 06.0'N (1)	STATION DESIGNATION WALKER
LONGITUDE 94° 34.7'W (1)	
ELEVATION 374.23 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4138-1	ADOPTED GRAVITY VALUE: g= 980 722.41 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 1/71

DESCRIPTION AND/OR SKETCH

At Walker, Cass County, in the north face of the county courthouse, in the window ledge of the west basement window and 1 foot higher than the ground. A Corps of Engineers, US Army, standard disk. Gravity station is located on ground below BM. (1)

REFERENCE SOURCE

(1) 03409

1491

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
48° 54.0'N (1)	WARROAD
LONGITUDE	
95° 19.2'W (1)	
ELEVATION	**COUNTRY/STATE**
325.10 METERS (1)	USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4139-1		g= 980 905.18 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Warroad, Roseau County, on State Highway 11, 0.1 mile south of the south end of the bridge over Warroad River, in the lawn of the parsonage of St Mary's Church, 37 feet east of the centerline of the highway, and 2 feet south of the walk leading to the parsonage. A standard USC & GS disk stamped "R 209 1935" and set in the top of a concrete post. Gravity station is located on ground on west side of BM. (1)

REFERENCE SOURCE

(1) 03409

ACIC HQ FORM FEB 69 O-415

1492

GRAVITY BASE STATION

LATITUDE 43° 52.0'N (1)	STATION DESIGNATION WINDOM
LONGITUDE 94° 07.1'W (1)	
ELEVATION 414.65 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4140-1	ADOPTED GRAVITY VALUE: g= 980 407.74 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Windom, Cottonwood County, along Tenth Street between Third and Fourth Avenues, at the courthouse, 18 feet north of the north basement entrance, 3 feet north of the sidewalk due north of the basement entrance, and about 0.5 foot above ground. A standard USC & GS disk stamped "Windom 1934" and set in the top of a concrete post. Gravity station is on top of BM. (1)

REFERENCE SOURCE

(1) 03409

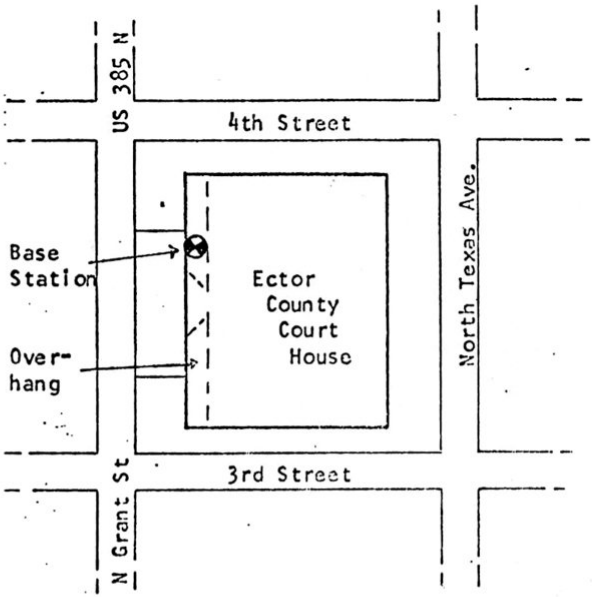
1493 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 31° 51.46'N (1)	STATION DESIGNATION ODESSA
LONGITUDE 102° 22.45'W (1)	
ELEVATION 894.9 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 4311-1; IGB 11912C	ADOPTED GRAVITY VALUE: g= 979 208.59 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in the city of Odessa on US 385 between 3rd and 4th Streets, 10 feet left of the west entrance of the Ector County Court House. The station is an "USAF Gravity" disc in the corner of the front wall and a white column. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

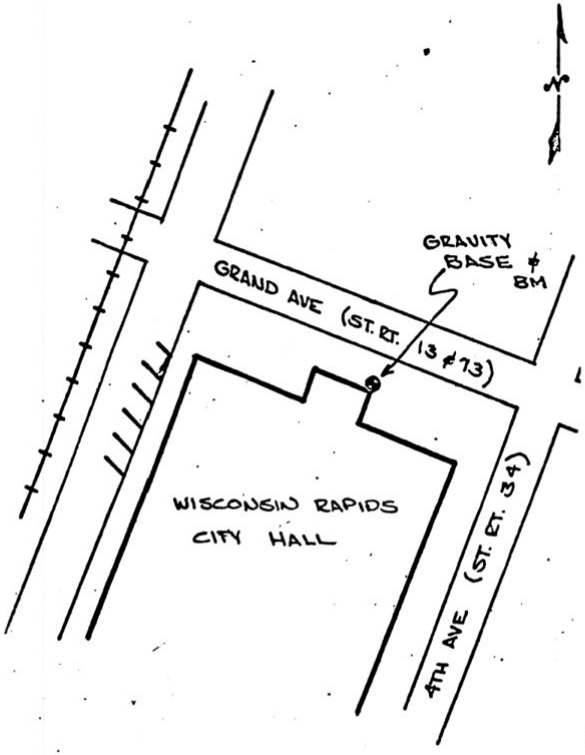
1494

GRAVITY BASE STATION

LATITUDE 44° 23.63'N (1)	STATION DESIGNATION WISCONSIN RAPIDS
LONGITUDE 89° 49.80'W (1)	
ELEVATION 307.6 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS: ACIC 4375-1; IGB 15349B	ADOPTED GRAVITY VALUE: g= 980 440.60 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Wisconsin Rapids, Wisconsin near the intersection of Grand Avenue and 4th Street at the City Hall, at the main entrance on Grand Avenue, on the sidewalk east of the door, in front of USC & GS BM located in the lower course of the foundation. (1)



(1)

REFERENCE SOURCE

(1) 03447

1445 ACIC HQ FORM FEB 69 0-415

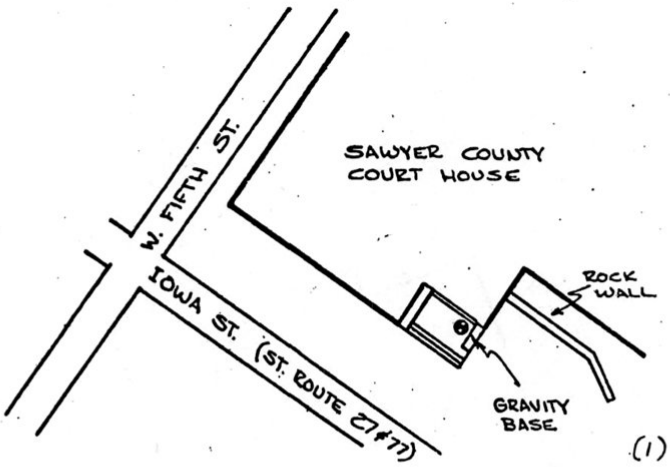
GRAVITY BASE STATION

LATITUDE 46° 01.04'N (1)	STATION DESIGNATION HAYWARD
LONGITUDE 91° 29.16'W (1)	
ELEVATION 371.9 METERS (1)	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4583-1		g= 980 616.96 mgals	
IGB 15461B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Hayward, Wisconsin, at the intersection of Iowa (State Highway 27 & 77) and West Fifth Streets, at the Sawyer County Court House, at the main entrance, on the porch, southeast of the door, in the corner next to the rock wall. (1)



REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 O-415

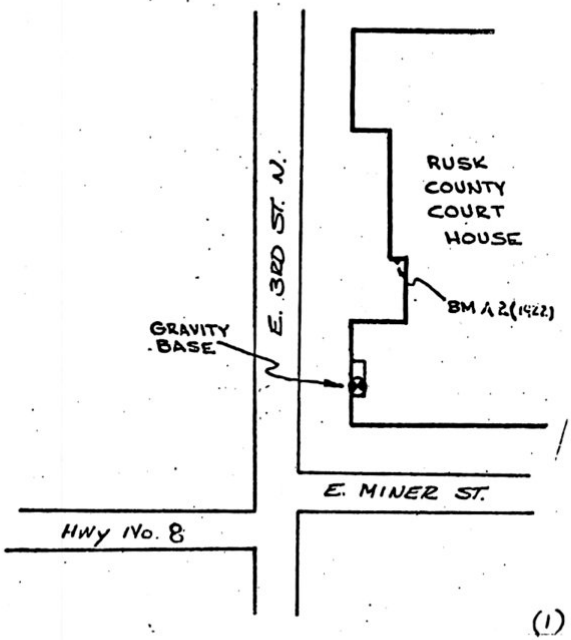
1496

GRAVITY BASE STATION

LATITUDE 45° 27.86'N (1)	STATION DESIGNATION LADYSMITH
LONGITUDE 91° 05.86'W (1)	
ELEVATION 351.3 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 4584-1	g= 980 566.99 mgals
IGB 15451B	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Ladysmith, Wisconsin, at the intersection of East Third Street North and East Miner Street at the Rusk County Court House, at the west entrance on East 3rd Street. North in the entranceway, south of the door in the corner. (1)



(1)

REFERENCE SOURCE

(1) 03447

1497

ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

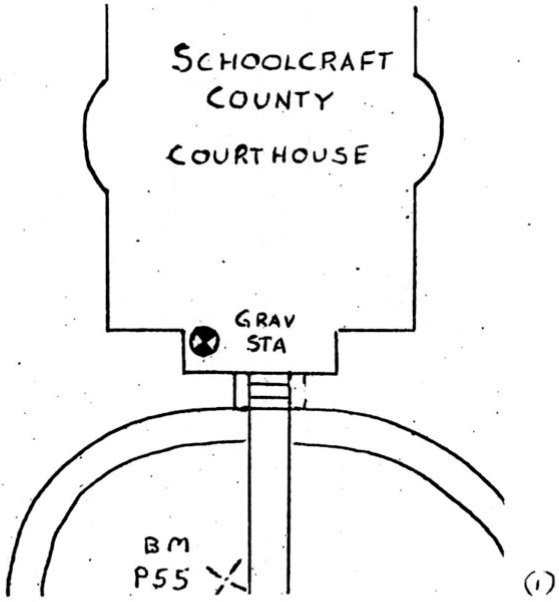
LATITUDE 45° 57.45'N (1)	STATION DESIGNATION MANISTIQUE
LONGITUDE 86° 14.63'W (1)	
ELEVATION 185.9 METERS (1)	COUNTRY/STATE USA/Michigan

REFERENCE CODE NUMBERS	
ACIC 4585-1	
IGB 15356B	

ADOPTED GRAVITY VALUE	
g= 980 652.80 mgals	
ESTIMATED ACCURACY	DATE
± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Manistique, Michigan, at the intersection of Maple (US Highway 2) and Walnut Streets, at the Schoolcraft County Courthouse, at the main entrance on Walnut Street, at the top of the steps, in the entranceway, west of the door in the northwest corner, one foot on center from the north and west walls respectively. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 0-415

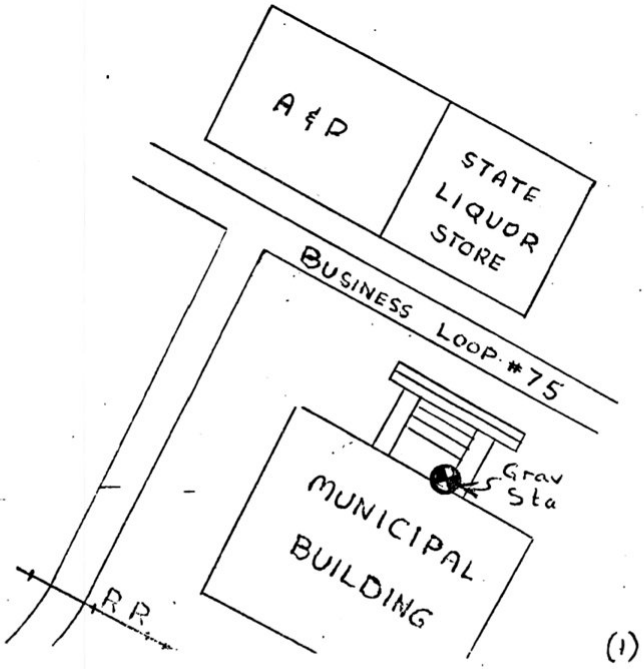
1448

GRAVITY BASE STATION

LATITUDE 45° 52.12'N (1)	STATION DESIGNATION ST IGNACE
LONGITUDE 84° 43.73'W (1)	
ELEVATION 179.8 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 4586-1; IGB 153548B	ADOPTED GRAVITY VALUE: g= 980 666.16 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in St Ignace, Michigan, on Business Loop I-75, at the St Ignace Municipal Building, at the main entrance on the porch, east of the door, in the corner, about one foot on center from the wall and balustrade respectively. Station can be reached from Interstate 75 by taking the north or south exit to Business Loop I-75. (1)



REFERENCE SOURCE

(1) 03447

1499 ACIC HQ FORM FEB 69 O-415

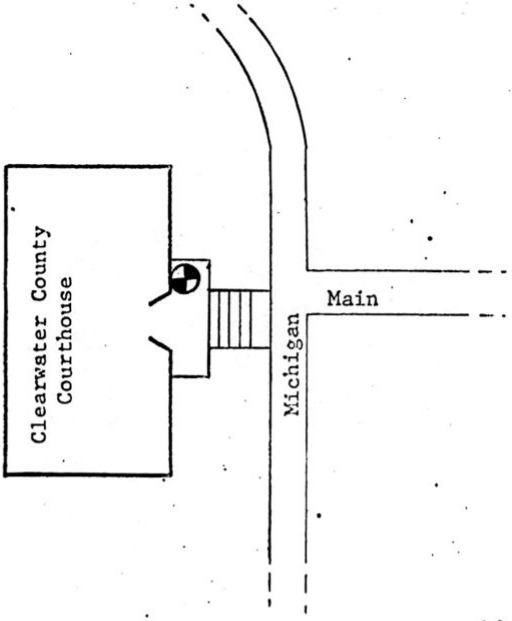
GRAVITY BASE STATION

LATITUDE 46° 28.65'N (1)	STATION DESIGNATION OROFINO
LONGITUDE 116° 15.31'W (1)	
ELEVATION 310.90 METERS (1)	COUNTRY/STATE USA/Idaho

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4588-1		g= 980 604.16 mgals	
IGB 15666B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Orofino, at the Clearwater County Courthouse, at the east main entranceway, on the top steps, two feet north of the double doors. The station is monumented with a USAF Gravity disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

1500

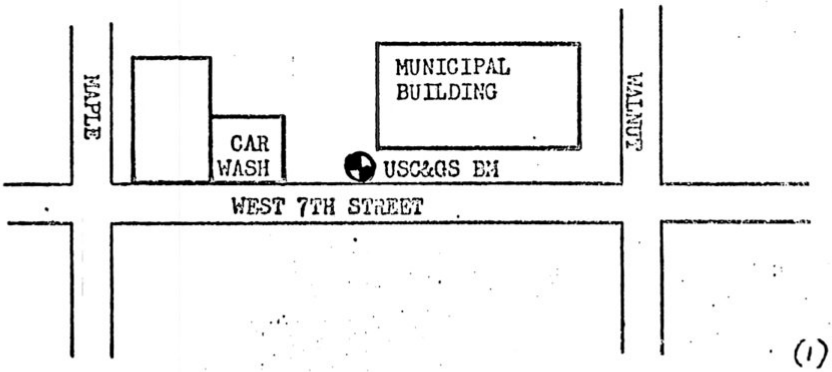
GRAVITY BASE STATION

LATITUDE 37° 02.24'N (1)	STATION DESIGNATION COFFEYVILLE
LONGITUDE 95° 36.98'W (1)	
ELEVATION 224.3 METERS (1)	COUNTRY/STATE USA/Kansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4589-1		g= 979 849.58 mgals	
IGB 11875C			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Coffeyville, on the north side of West 7th Street on the block between Maple and Walnut, in the southwest corner of the Municipal Building grounds. The station is a Coast & Geodetic Survey Bench Mark. (1)



REFERENCE SOURCE

(1) 03405

1501

ACIC HQ FORM FEB 69 0-415

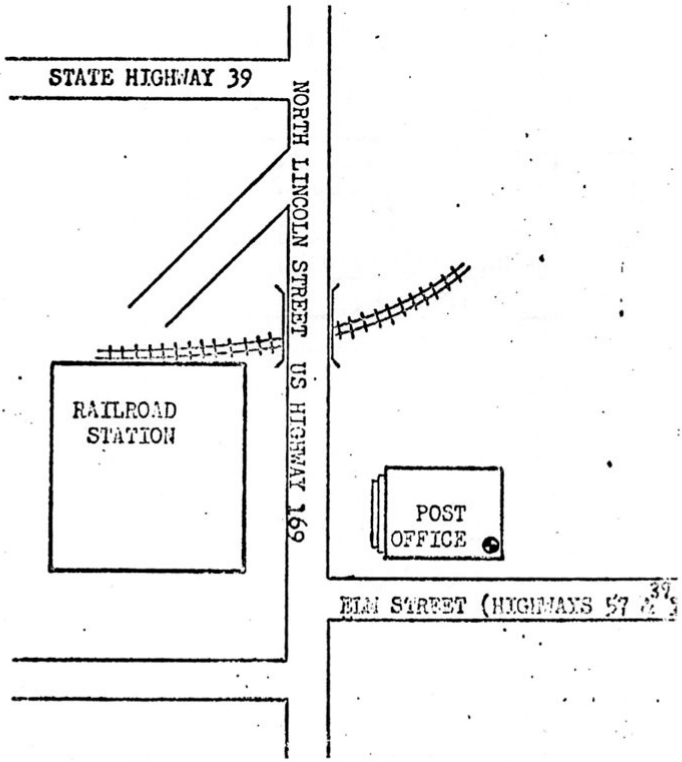
GRAVITY BASE STATION

LATITUDE 37° 41.01'N (1)	STATION DESIGNATION CHANUTE
LONGITUDE 95° 32.95'W (1)	
ELEVATION 281.94 METERS (1)	COUNTRY/STATE USA/Kansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4590-1		g= 979 865.16 mgals	
IGB 11875B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Chanute, at the intersection of North Lincoln and Elm Streets (also Highway 57 & 39), at the post office, in the southeast corner of the rear loading ramp, on the floor of the ramp. The station is monumented with a standard "USAF Gravity" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

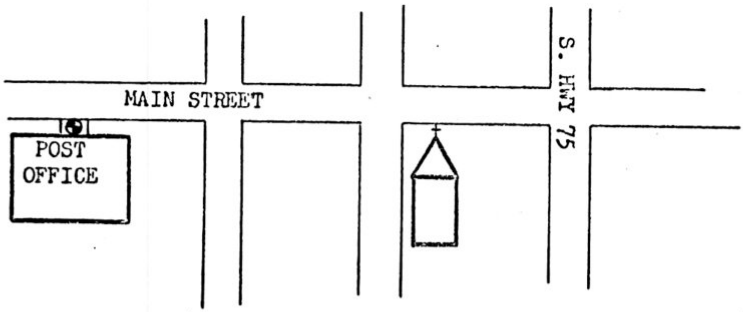
1502

GRAVITY BASE STATION

LATITUDE 38° 49.12'N (1)	STATION DESIGNATION CARBONDALE
LONGITUDE 95° 41.50'W (1)	
ELEVATION 329.18 METERS (1)	COUNTRY/STATE USA/Kansas
REFERENCE CODE NUMBERS: ACIC 4591-1; IGB 11885C	ADOPTED GRAVITY VALUE: g= 979 950.41 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Carbondale, Kansas, on Main Street 2 1/2 blocks west of State Highway 75, at the Post Office on south side of Main Street, on the sidewalk outside the front entrance to the building. (1)



(1)

REFERENCE SOURCE

(1) 03405

1503

ACIC HQ FORM FEB 69 0-415

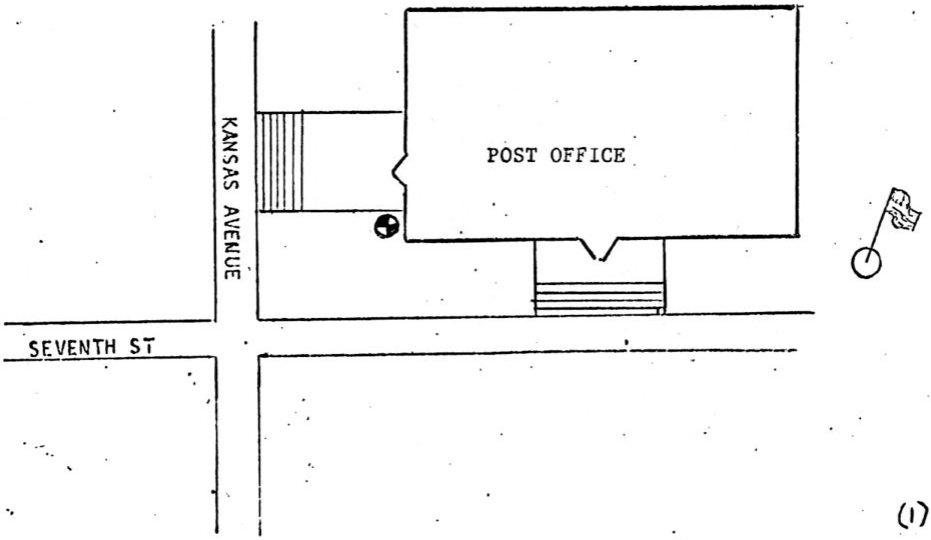
GRAVITY BASE STATION

LATITUDE 39° 34.18'N (1)	STATION DESIGNATION ATCHISON
LONGITUDE 95° 07.29'W (1)	
ELEVATION 250.55 METERS (1)	COUNTRY/STATE USA/Kansas

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4592-1		g= 980 036.09 mgals	
IGB 11895C			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Atchison, on the northeast corner of Kansas Avenue and 7th Street, at the post office, beside the steps to the west entrance, at ground level, in the southeast corner formed by the steps and the building. The station is monumented with a standard "USAF Gravity" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

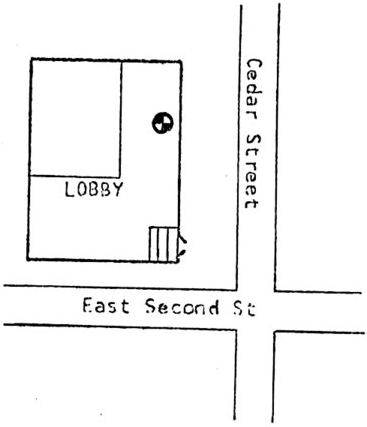
1504

GRAVITY BASE STATION

LATITUDE 39° 03.56'N (1)	STATION DESIGNATION BONNER SPRINGS
LONGITUDE 94° 53.10'W (1)	
ELEVATION 257.86 METERS (1)	COUNTRY/STATE USA/Kansas
REFERENCE CODE NUMBERS: ACIC 4593-1; IGB 11894C	ADOPTED GRAVITY VALUE: g= 979 988.48 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Bonner Springs, on the southeast corner of the intersection of East Second Street and Cedar Street, in the post office, in the lobby, 15 feet south of the entrance, six inches from the east wall, on the floor. The station is monumented with a standard "USAF Gravity" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

1505 ACIC HQ FORM FEB 69 O-415

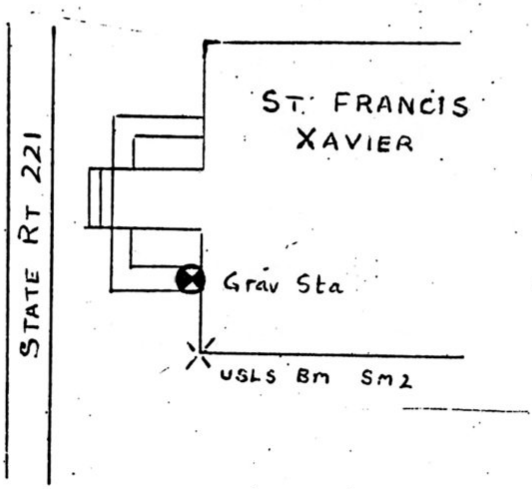
GRAVITY BASE STATION

LATITUDE 46° 24.42'N (1)	STATION DESIGNATION BRIMLEY
LONGITUDE 84° 34.24'W (1)	
ELEVATION 199.8 METERS (1)	COUNTRY/STATE USA/Michigan

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4594-1		g= 980 672.20 mgals	
IGB 15364B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Brimley, Michigan, at the St Francis Xavier Parish, at the main entrance fronting on State Highway 221, south of the entrance, at the west wall, on top of concrete coping of the ornate cinder block wall inclosing a small flower bed, about one foot on center from the west wall. To reach from junction of State Highways 28 and 221, travel north on Highway 221 for approximately 2.3 miles. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 O-415

1506

GRAVITY BASE STATION

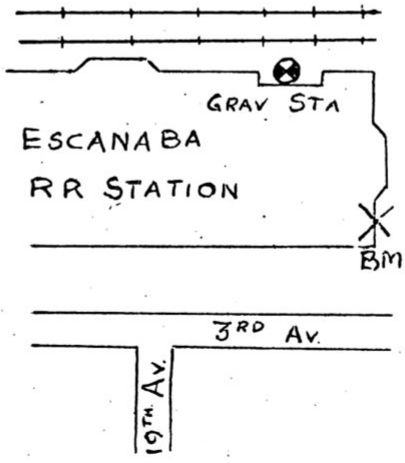
LATITUDE 45° 44.96'N (1)	STATION DESIGNATION ESCANABA
LONGITUDE 87° 04.4'W (1)	
ELEVATION 187.5 METERS (1)	COUNTRY/STATE USA/Michigan

REFERENCE CODE NUMBERS	
ACIC 4595-1	
IGB 15357B	

ADOPTED GRAVITY VALUE	
g= 980 627.05 mgals	
ESTIMATED ACCURACY	DATE
± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Escanaba, Michigan, at the intersection of Third Avenue and Nineteenth Street, at the Chicago & Northern Western Railway Station, at the north side of the building, at the westernmost door, in the exact center of the concrete step. To reach from junctions of US Highway 2 and 41 and State Highway 35, travel north on US 2 and 41 approximately 0.2 mile to 3rd Avenue and thence east on 3rd for approximately 0.3 mile. (1)



(1)

REFERENCE SOURCE

(1) 03447

1507

ACIC HQ FORM FEB 69 O-415

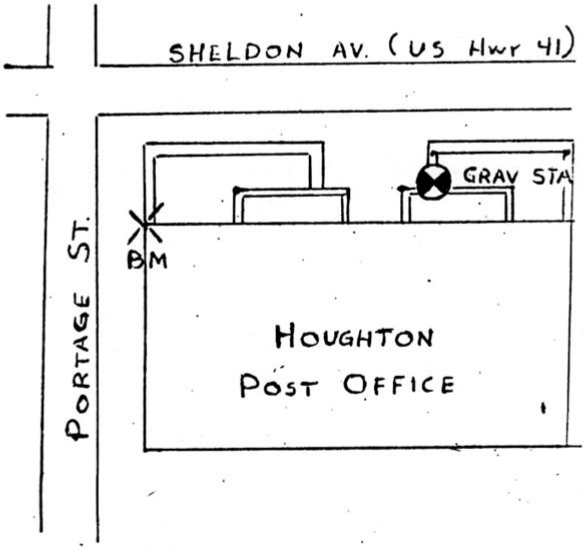
GRAVITY BASE STATION

LATITUDE 47° 07.32'N (1)	STATION DESIGNATION HOUGHTON
LONGITUDE 88° 33.90'W (1)	
ELEVATION 198.4 METERS (1)	COUNTRY/STATE USA/Michigan

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4596-1		g= 980 774.16 mgals	
IGB 15378B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Houghton, Michigan, at the intersection of Portage Street and Sheldon Avenue, at the Houghton Post Office, at the main entrance, east of the door, on top of the concrete wall inclosing the Post Office yard, about 3 inches north of the brick wall inclosing a small flower bed. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 O-415

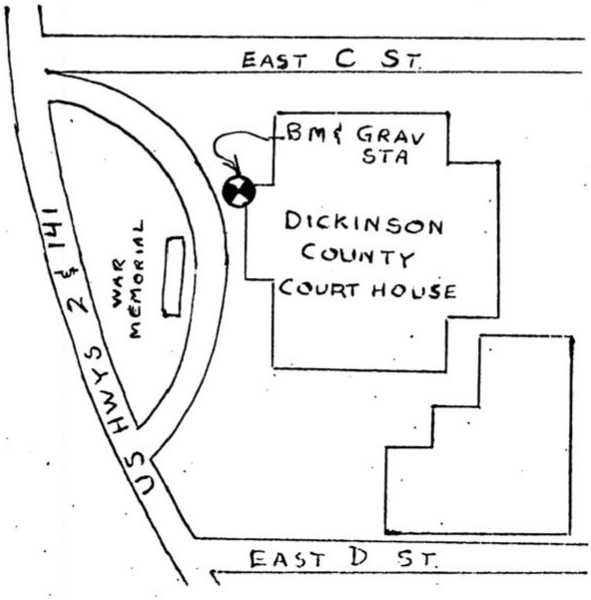
1508

GRAVITY BASE STATION

LATITUDE 45° 48.99'N (1)	STATION DESIGNATION IRON MOUNTAIN
LONGITUDE 88° 03.86'W (1)	
ELEVATION 350.6 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 4597-1; IGB 15358B	ADOPTED GRAVITY VALUE: g= 980 596.99 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Iron Mountain, Michigan, at the Dickinson County Courthouse, at the intersection of Stephenson (US Highway 2 and 141) and East C Streets, at the main entrance north of the door, outside the entranceway, on the sidewalk, in front of the marble column USGS BM "IM 1155" is just around the corner in the north wall about 3.5 feet above the ground. (1)



(1)

REFERENCE SOURCE

(1) 03447

1509

ACIC HQ FORM FEB 69 0-415

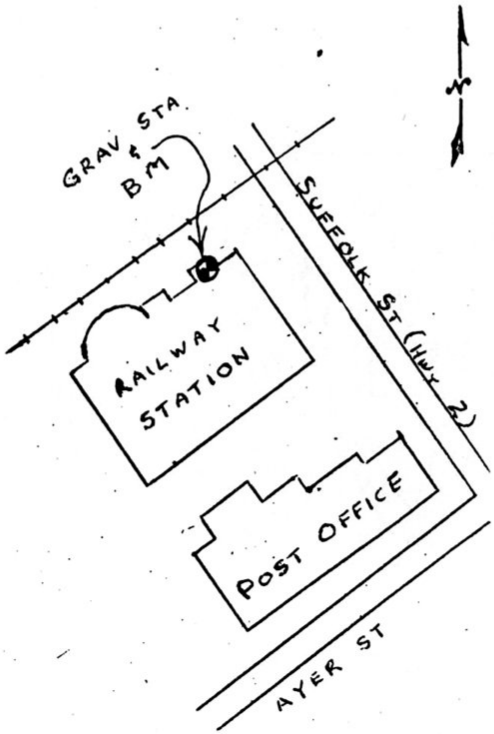
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
46° 27.34'N (1)	IRONWOOD
LONGITUDE	
90° 10.21'W (1)	
ELEVATION	**COUNTRY/STATE**
458.3 METERS (1)	USA/Michigan

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4598-1		g= 980 644.81 mgals	
IGB 15460B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Ironwood, Michigan, at the intersection of Suffolk (Business US Highway 2), and Ayer Streets, behind the US Post Office Building, at the Chicago and Northwestern Railway Station, at the northwest side of the building, at the entrance to the waiting room on the bottom step, at the southwest end, set over BM RV 32, a monel metal rivet. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 0-415

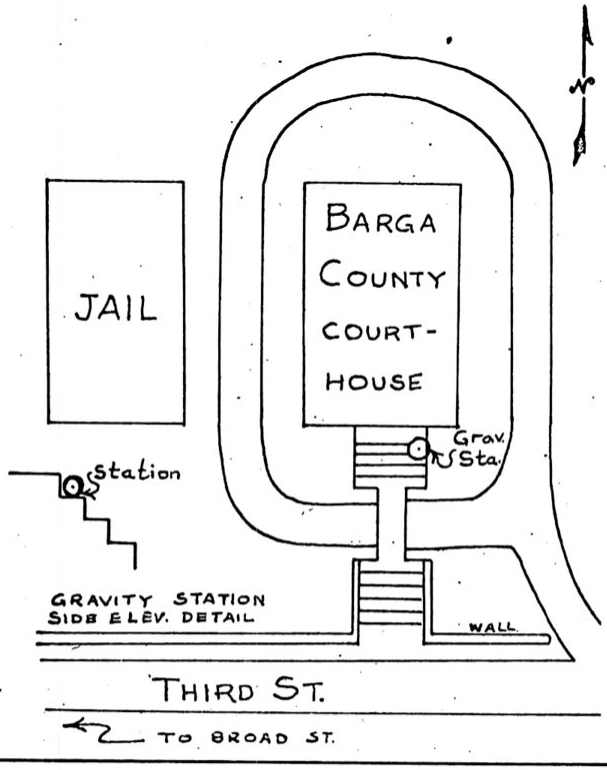
1510

GRAVITY BASE STATION

LATITUDE 46° 45.5'N (1)	STATION DESIGNATION L'ANSE
LONGITUDE 88° 27.15'W (1)	
ELEVATION 239.3 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 4599-1; IGB 15368J	ADOPTED GRAVITY VALUE: g= 980 687.33 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located at L'Anse, Michigan, near the intersection of Broad and Third Streets, at the Baraga County Courthouse, at the main entrance on Third Street, east of the door, on the top step (not on the porch) about 1 inch from the east edge. To reach from the junction of US Highway 41 and Broad Street, travel northwest on Broad for approximately 0.7 mile to Third Street and thence northeast on Third to the top of the hill. (1)



(1)

REFERENCE SOURCE

(1) 03447

1511

ACIC HQ FORM FEB 69 0-415

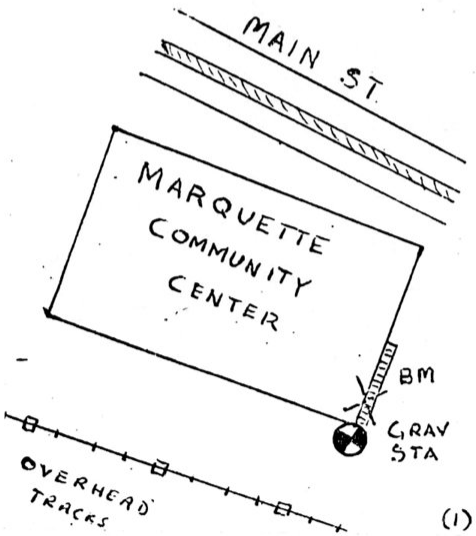
GRAVITY BASE STATION

LATITUDE 46° 32.57'N (1)	STATION DESIGNATION MARQUETTE
LONGITUDE 87° 23.63'W (1)	
ELEVATION 196.9 METERS (1)	COUNTRY/STATE USA/Michigan

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4600-1		g= 980 719.24 mgals	
IGB 15367B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located at Marquette, Michigan, near the intersection of Main and Front (Business US Highway 41) Streets, at the former Dulyth South Shore and Atlantic Railway station (this building is now being used to house the Marquette Community Center), at the southeast corner, on the pavement and even with the edge of the building and about 3 inches from the wall. BM S21 is just around the corner in the east wall, five feet above the pavement. To reach from the south junction of US Highway 41 and Business 41, travel north on Business 41 to Main Street and thence west on Main for about one half a block. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 O-415

1512

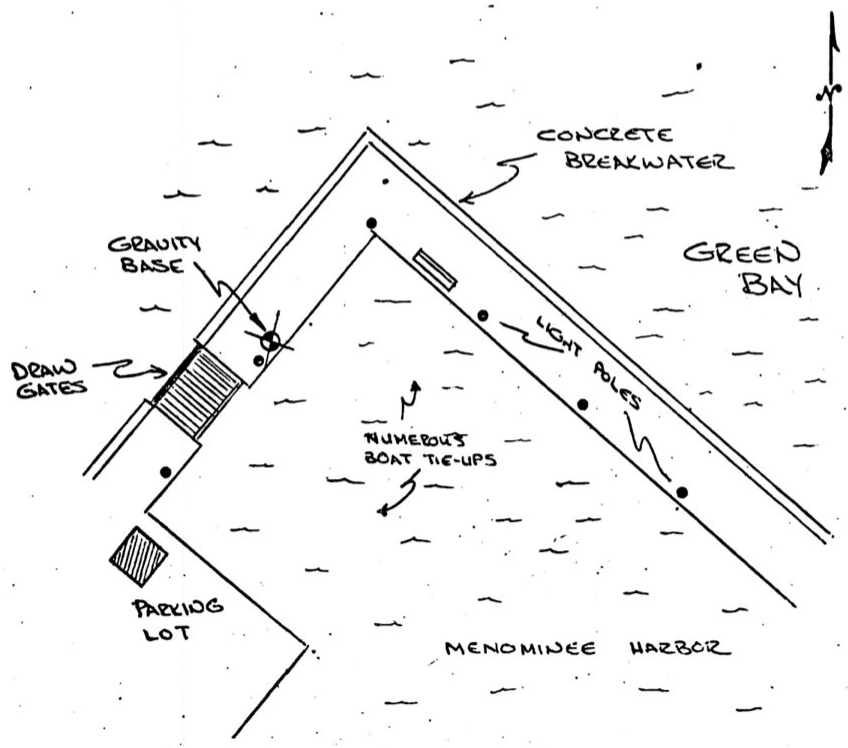
GRAVITY BASE STATION

LATITUDE 45° 06.53'N (1)	STATION DESIGNATION MENOMINEE
LONGITUDE 87° 36.23'W (1)	
ELEVATION 177.4 METERS (1)	COUNTRY/STATE USA/Michigan

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4601-1		g= 980 529.45 mgals	
IGB 15357C			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located at the public harbor at Menominee, Michigan at the northwest end of the harbor on the concrete breakwater, 25 feet northeast of a steel and wood draw gate, 12 feet northeast of a light pole and 2 feet northwest of the pier edge. (1)



(1)

REFERENCE SOURCE

(1) 03447

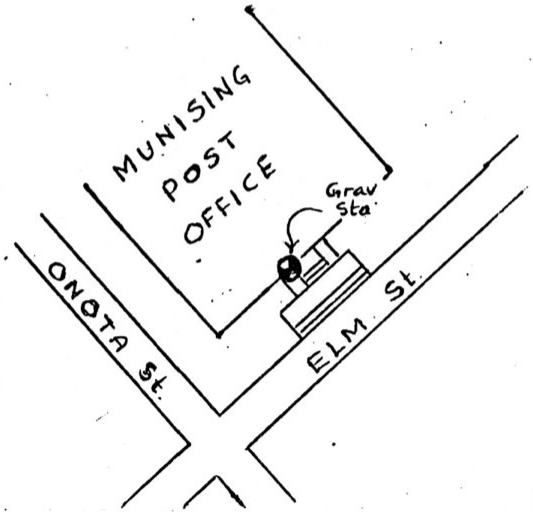
1513 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 46° 24.62'N (1)	STATION DESIGNATION MUNISING
LONGITUDE 86° 39.42'W (1)	
ELEVATION 192.0 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 4602-1; IGB 15366B	ADOPTED GRAVITY VALUE: g= 980 702.71 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Munising, Michigan at the intersection of Elm and Onota Streets, at the Munising Post Office Building, at the main entrance on Elm Street, at top of steps and southwest of door, on top of coping at the extreme back, about one foot on center from wall and 3 inches from edge of coping. To reach from intersection of State Highway 28 and Elm Street, travel two blocks southwest on Elm. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 O-415

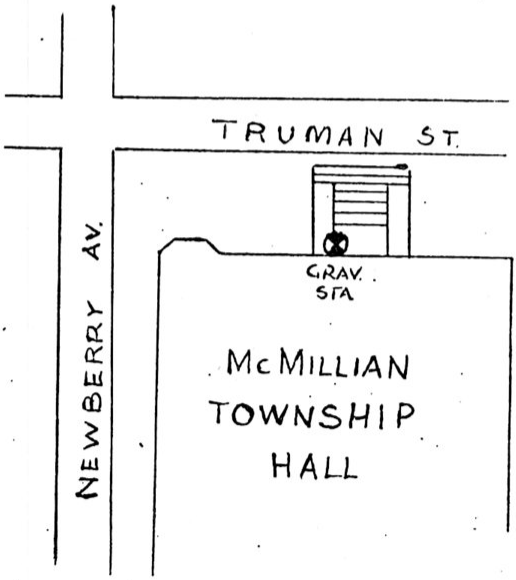
1514

GRAVITY BASE STATION

LATITUDE 46° 21.45'N (1)	STATION DESIGNATION NEWBERRY
LONGITUDE 85° 30.36'W (1)	
ELEVATION 240.8 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 4603-1; IGB 15365B	ADOPTED GRAVITY VALUE: g= 980 683.02 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Newberry, Michigan, at the intersection of Newberry Avenue. (State Highway 123) and Truman Street, at the McMillian Township Hall, at the north entrance on Truman Street, at the top of the stairs on the small porch, west of the door, in the corner about one foot on center from the wall and balustrade respectively. To reach from junction of State Highways 28 and 123, travel north on Highway 123 for approximately 3.5 miles. (1)



(1)

REFERENCE SOURCE

(1) 03447

1515

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

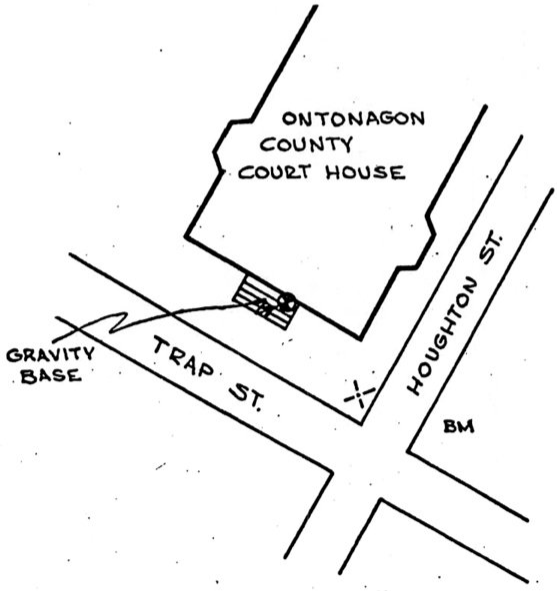
LATITUDE 46° 52.48'N (1)	STATION DESIGNATION ONTONAGON
LONGITUDE 89° 19.0'W (1)	
ELEVATION 188.7 METERS (1)	COUNTRY/STATE USA/Michigan

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4604-1		g= 980 783.10 mgals	
IGB 15369B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Ontonagon, Michigan at the Ontonagon County Courthouse at the north corner of the intersection of Trap and Houghton Streets, at the main entrance fronting Trap Street. Station is on the top step in the corner, southeast of the door.

(1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 0-415

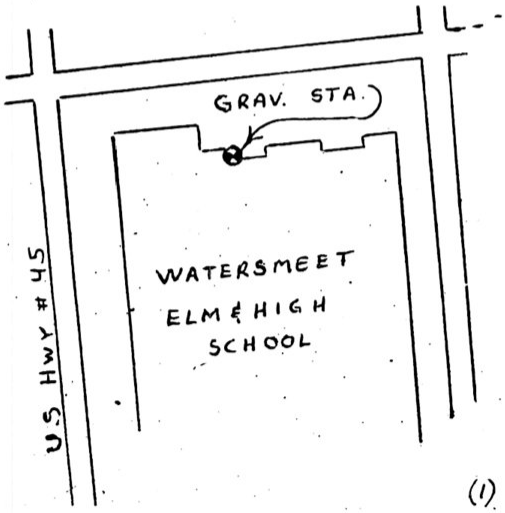
1516

GRAVITY BASE STATION

LATITUDE 46° 16.18'N (1)	STATION DESIGNATION WATERSMEET
LONGITUDE 89° 10.64'W (1)	
ELEVATION 487.7 METERS (1)	COUNTRY/STATE USA/Michigan
REFERENCE CODE NUMBERS: ACIC 4605-1; IGB 15369B	ADOPTED GRAVITY VALUE: g= 980 626.53 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Watersmeet, Michigan, situated on US Highway 45 at the Watersmeet Elementary and High School at the northwest side of the building, at the northwest entrance in the small areaway, southwest of the door in the corner. To reach station from junction of US Highway 2 and US Highway 45, travel north on Highway 45 for approximately 0.4 mile. (1)



(1)

REFERENCE SOURCE

(1) 03447

1517 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

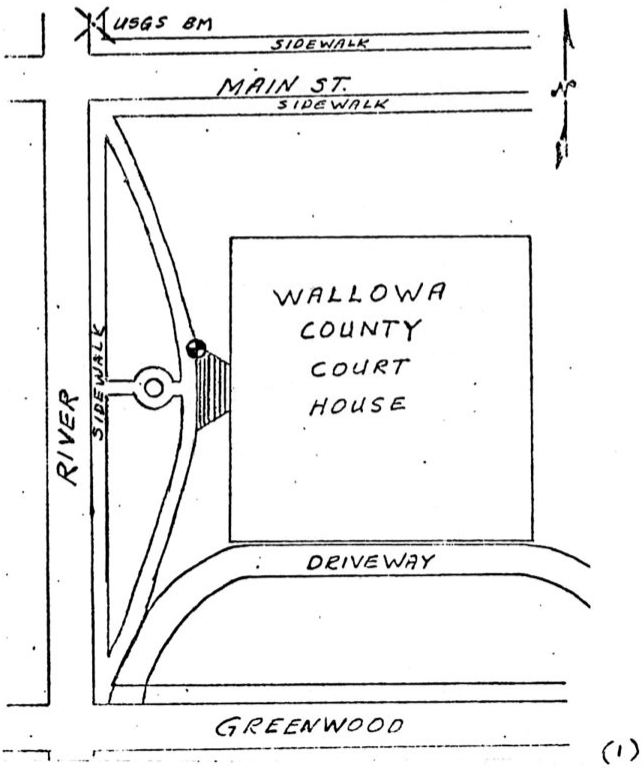
LATITUDE 45° 25.6'N (1)	STATION DESIGNATION ENTERPRISE
LONGITUDE 117° 16.6'W (1)	
ELEVATION 1145.7 METERS (1)	COUNTRY/STATE USA/Oregon

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4606-1		g= 980 313.29 mgals	
IGB 15657B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Enterprise, Oregon, at the Wallowa County Courthouse, on the north ends of first step, of the River Street entrance.

Station is located at the Wallowa County Courthouse in Enterprise, Oregon on River Street between Main and Greenwood Streets. (1)



(1)

REFERENCE SOURCE

(1) 03682

ACIC HQ FORM FEB 69 O-415

1518

GRAVITY BASE STATION

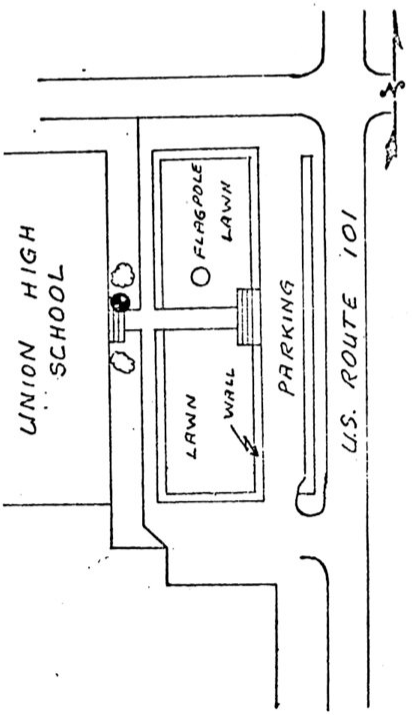
LATITUDE 42° 24.5'N (1)	STATION DESIGNATION GOLD BEACH
LONGITUDE 124° 25.2'W (1)	
ELEVATION 15.47 METERS (1)	COUNTRY/STATE USA/Oregon

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4607-1		g= 980 379.72 mgals	
IGB 15724B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Gold Beach, Oregon, at Union High School, on the second step, 4 feet east of main door, on USC & GS BM P 466, 1941.

Station is located in Gold Beach, Oregon on the west side of US Route 101. (1)



(1)

REFERENCE SOURCE

(1) 03682

1519 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

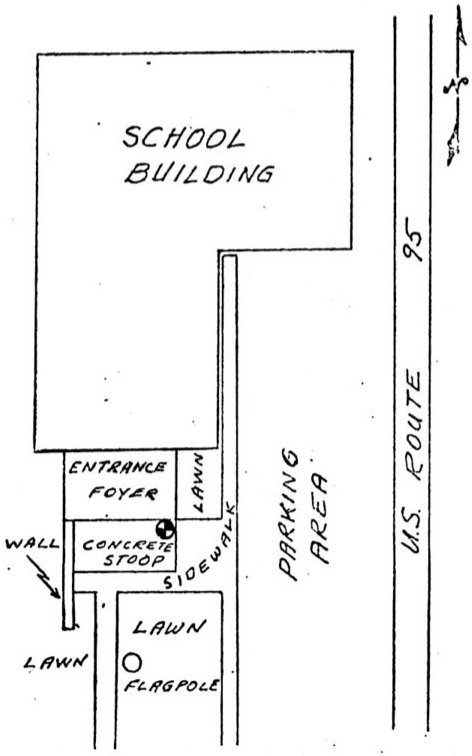
LATITUDE 42° 58.6'N (1)	STATION DESIGNATION JORDAN VALLEY
LONGITUDE 117° 03.1'W (1)	
ELEVATION 1339.0 METERS (1)	COUNTRY/STATE USA/Oregon

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4608-1		g= 980 050.60 mgals	
IGB 15627B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Jordan Valley, Oregon, at the Jordan Valley school, on the northeast corner of concrete stoop at the south entrance of the school.

Station is on the west side of US Route 95 and at the north edge of the town. (1)



(1)

REFERENCE SOURCE

(1) 03682

ACIC HQ FORM FEB 69 O-415

1520

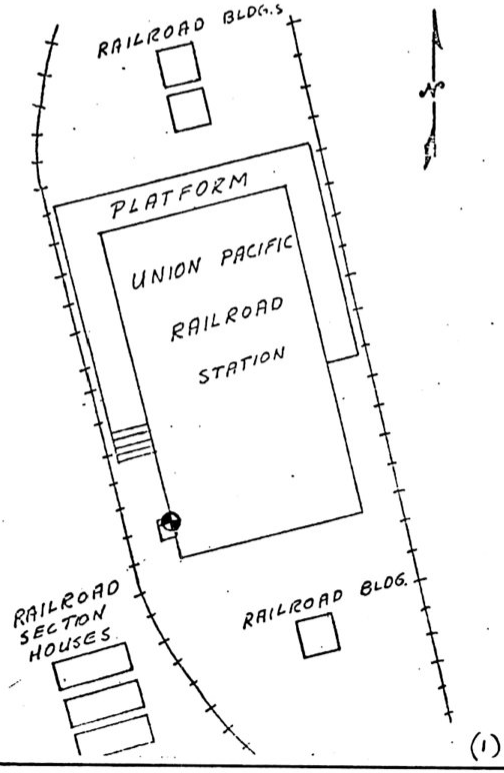
GRAVITY BASE STATION

LATITUDE 43° 44.6'N (1)	STATION DESIGNATION JUNTURA
LONGITUDE 118° 04.6'W (1)	
ELEVATION 900.4 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 4609-1; IGB 15638B	ADOPTED GRAVITY VALUE: g= 980 195.19 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Juntura, Oregon, at the Union Pacific Railroad Station, on the concrete step, level with door sill, at the southwest entrance to the waiting room.

Station is located approximately 0.10 mile east of center of town of Juntura and east of US Route 20. (1)



(1)

REFERENCE SOURCE

(1) 03682

1521 ACIC HQ FORM FEB 69 0-415

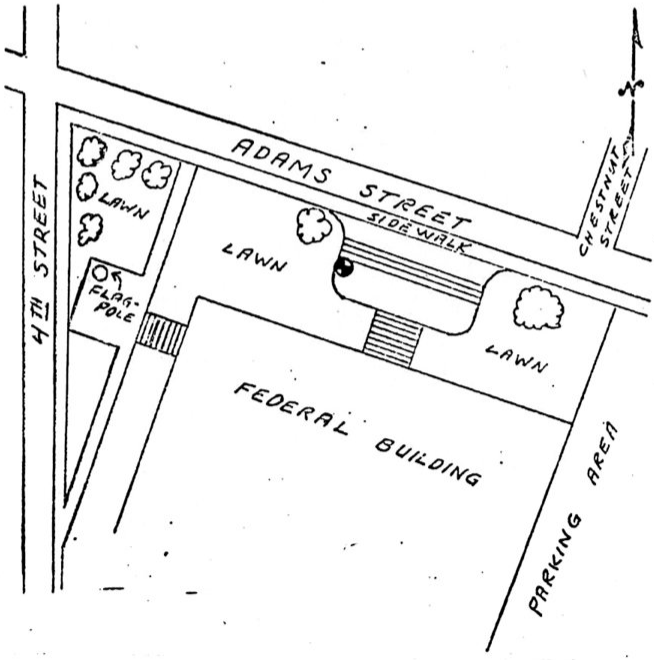
GRAVITY BASE STATION

LATITUDE 45° 19.77'N (1)	STATION DESIGNATION LA GRANDE
LONGITUDE 118° 05.7'W (1)	
ELEVATION 727.3 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 4610-1; IGB 15658B	ADOPTED GRAVITY VALUE: g= 980 376.67 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

La Grande, Oregon, at the Federal Building, on the first landing above the sidewalk, at the Adams Street entrance and USC & GS BM L-85, 1934.

The station is located 0.55 mile west of intersection of US Route 30 and State Route 82 and 1 block south of the railroad. (1)



(1)

REFERENCE SOURCE

(1) 03682

ACIC HQ FORM FEB 69 O-415

1522

GRAVITY BASE STATION

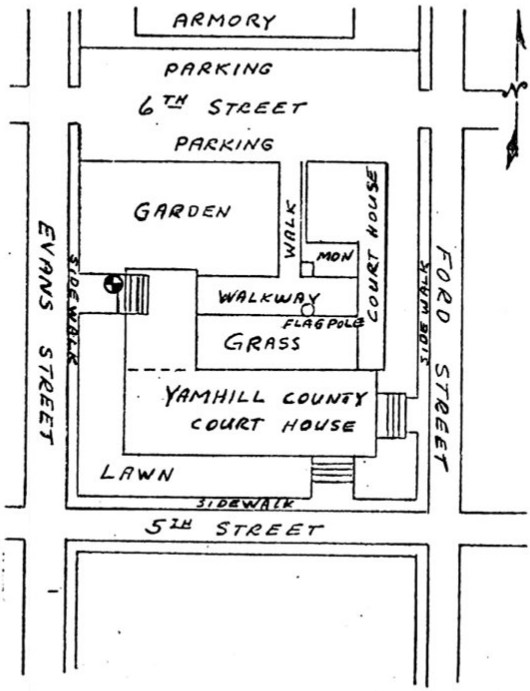
LATITUDE 45° 12.7'N (1)	STATION DESIGNATION MC MINNVILLE
LONGITUDE 123° 11.6'W (1)	
ELEVATION 48.8 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 4611-1; IGB 15753B	ADOPTED GRAVITY VALUE: g= 980 654.13 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

McMinnville, Oregon, at the Yamhill County Courthouse, at the west side entrance (Evans Street) at the base of the steps of a covered walkway, on the north side of the steps at sidewalk level.

The station is located in McMinnville, Oregon, at the Evans Street entrance of the County Courthouse, between 5th and 6th Streets.

(1)



(1)

REFERENCE SOURCE

(1) 03682

1523

ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

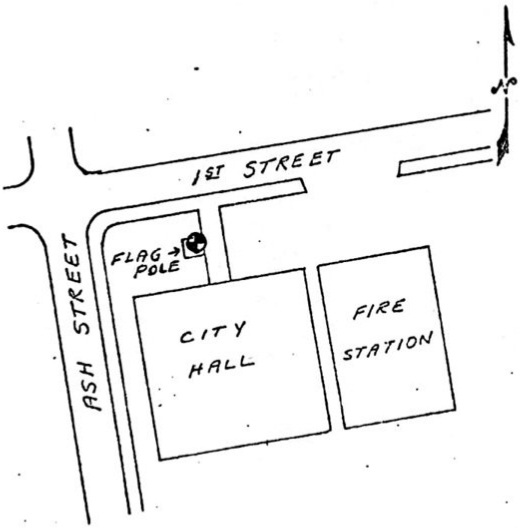
LATITUDE 43° 44.8'N (1)	STATION DESIGNATION OAKRIDGE
LONGITUDE 122° 27.4'W (1)	
ELEVATION 371.9 METERS (1)	COUNTRY/STATE USA/Oregon

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4612-1		g= 980 342.09 mgals	
IGB 15732B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Oakridge, Oregon, at City Hall, on the concrete base of the flagpole.

Station is located in Oakridge, Oregon at the City Hall at the southeast corner of the intersection of 1st and Ash Streets. (1)



(1)

REFERENCE SOURCE

(1) 03682

ACIC HQ FORM FEB 69 O-415

1524

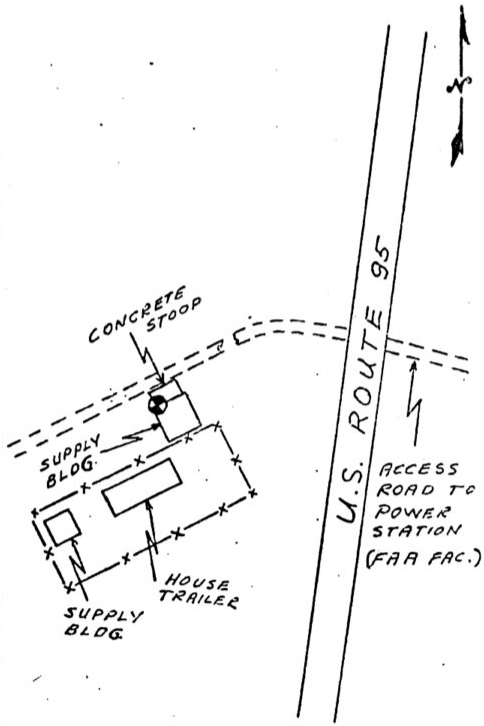
GRAVITY BASE STATION

LATITUDE 42° 35.3'N (1)	STATION DESIGNATION ROME
LONGITUDE 117° 52.4'W (1)	
ELEVATION 1222.2 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 4613-1; IGB 15627J	ADOPTED GRAVITY VALUE: g= 980 041.00 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Rome, Oregon Airport, at the FAA FAcility, at the southwest corner of a concrete stoop at the northwest corner of a supply building.

Station is 13.0 miles south of Burns Junction (Junction US 95 and State Rt 78), 43.0 miles north of McDermitt, Nevada, and 0.25 mile west of US Route 95. (1)



(1)

REFERENCE SOURCE

(1) 03682

1525 ACIC HQ FORM FEB 69 O-415

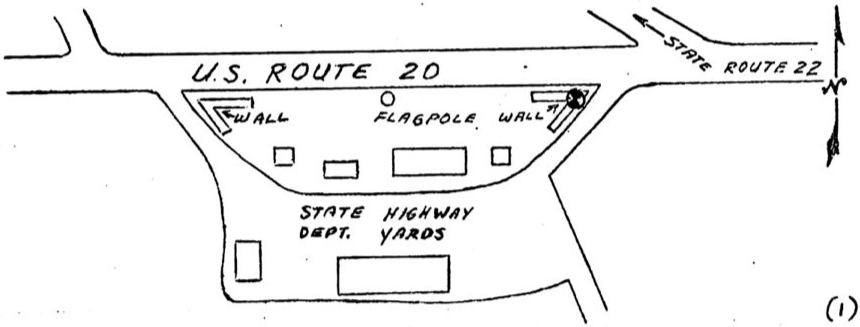
GRAVITY BASE STATION

LATITUDE 44° 26.2'N (1)	STATION DESIGNATION SANTIAN JUNCTION
LONGITUDE 121° 56.4'W (1)	
ELEVATION 1144.8 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 4614-1; IGB 15741B	ADOPTED GRAVITY VALUE: g= 980 236.79 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Santian Junction, Oregon, at the northeast corner of the Oregon State Highway Department Section Station, on the corner of a rock wall, about 33 inches above road and 20 feet south of US Route 20.

Station is located at Santian Junction, just west of Junction of US Route 20 and State Route 22. (1)



(1)

REFERENCE SOURCE

(1) 03682

ACIC HQ FORM FEB 69 O-415

1526

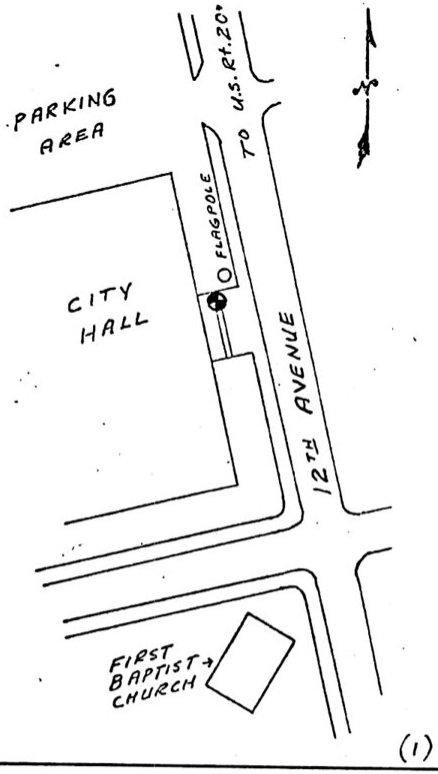
GRAVITY BASE STATION

LATITUDE 44° 23.8'N (1)	STATION DESIGNATION SWEET HOME
LONGITUDE 122° 43.7'W (1)	
ELEVATION 164.6 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 4615-1; IGB 15742B	ADOPTED GRAVITY VALUE: g= 980 480.32 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Sweet Home, Oregon, at the City Hall, on the north side of the first step of the entrance to City Hall.

Station is located in Sweet Home, Oregon, at the northwest corner of the intersection of 12th Avenue and Kalmia Street, two blocks south of US Route 20. (1)



(1)

REFERENCE SOURCE

(1) 03682

1527 ACIC HQ FORM FEB 69 0-415

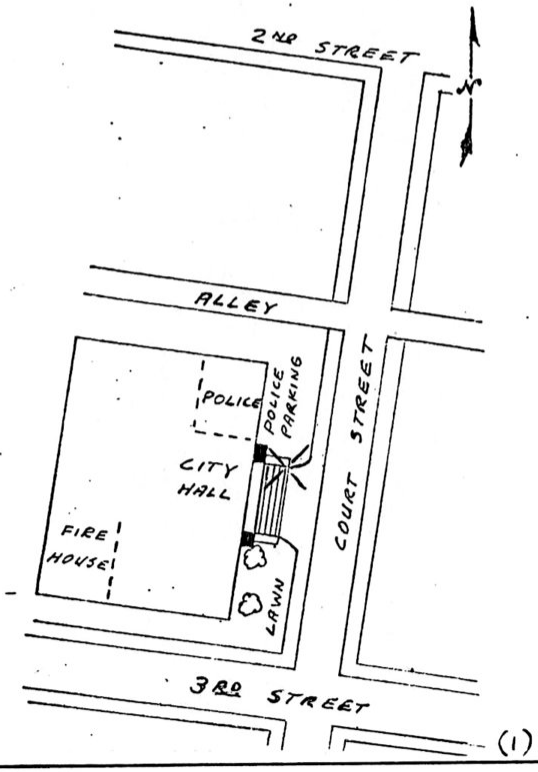
GRAVITY BASE STATION

LATITUDE 45° 36.0'N (1)	STATION DESIGNATION THE DALLES
LONGITUDE 121° 10.9'W (1)	
ELEVATION 26.5 METERS (1)	COUNTRY/STATE USA/Oregon
REFERENCE CODE NUMBERS: ACIC 4616-1; IGB 15751B	ADOPTED GRAVITY VALUE: g= 980 617.53 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The Dalles, Oregon, at the City Hall, on the 1st step of the Court Street entrance (313 Court St) on USC & GS BM S 122, 1941.

Station is located in The Dalles, Oregon, on the west side of Court Street between 2nd and 3rd Streets. (1)



REFERENCE SOURCE

(1) 03682

ACIC HQ FORM FEB 69 O-415

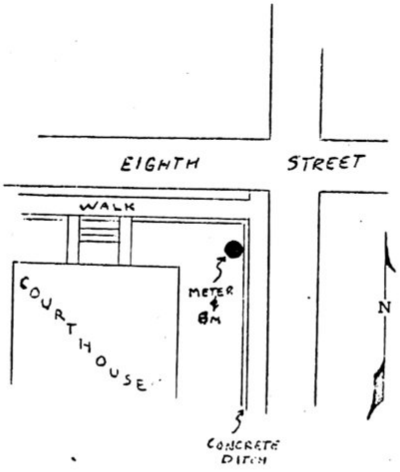
1528

GRAVITY BASE STATION

LATITUDE 38° 16.4'N (1)	STATION DESIGNATION BEAVER
LONGITUDE 112° 38.4'W (1)	
ELEVATION 1795.6 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4617-1	ADOPTED GRAVITY VALUE: g= 979 450.08 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USC & GS benchmark "J32 1934", which is set in the top of a concrete post on the grounds of the Beaver County Courthouse in downtown Beaver, Utah. The concrete post, 0.3 foot high, is located in the northeast corner of the Courthouse lawn, 39 feet east of the north entrance, 21 feet north of the northeast corner of the building, 8 feet south of the sidewalk on Eighth Street, and one foot west of the yard fence. (1)



(1)

REFERENCE SOURCE

(1) 03685

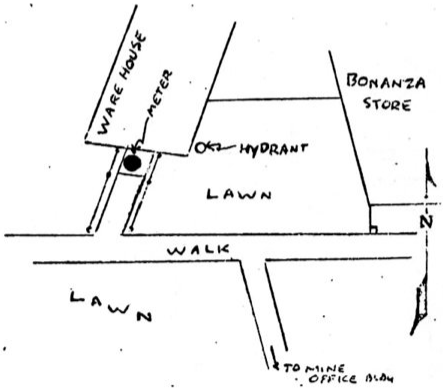
1529 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 01.2'N (1)	STATION DESIGNATION BONANZA
LONGITUDE 109° 10.5'W (1)	
ELEVATION 1662.9 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4618-1	ADOPTED GRAVITY VALUE: g= 979 645.69 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on the sidewalk adjacent to USC & GS benchmark "R26 1933", which is set in southeast side of a concrete sill at the entrance to the warehouse building of the Bonanza Gilsonite Mine Headquarters at Bonanza, Utah. The station is in the center of the sidewalk in front of the entrance door to the warehouse, with the brass disc set in the low southeast wall of the sidewalk entrance. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 0-415

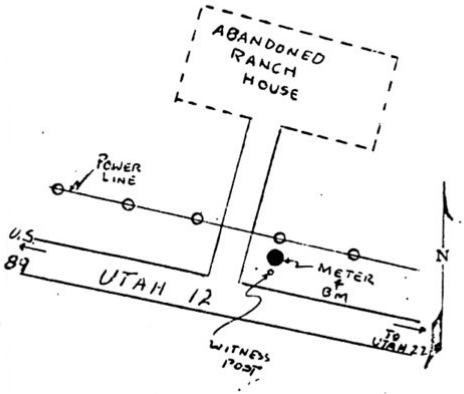
1530

GRAVITY BASE STATION

LATITUDE 37° 41.8'N (1)	STATION DESIGNATION BRYCE CANYON
LONGITUDE 112° 11.0'W (1)	
ELEVATION 2320.9 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4619-1	ADOPTED GRAVITY VALUE: g= 979 293.75 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals / DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USGS benchmark "1931 H31", which is set in the top of a concrete post along Utah Highway 12, about 1.6 miles northwest from its junction with Utah Highway 22 at Ruby's Inn. The concrete post, 0.2 foot high, is located 40 feet north of the centerline of the highway, 45 feet east of a private road leading north to an abandoned ranch house, and 26 feet east of a point two feet south of a corner fence post. A witness post is present. (1)



REFERENCE SOURCE

(1) 03685

1531 ACIC HQ FORM FEB 69 0-415

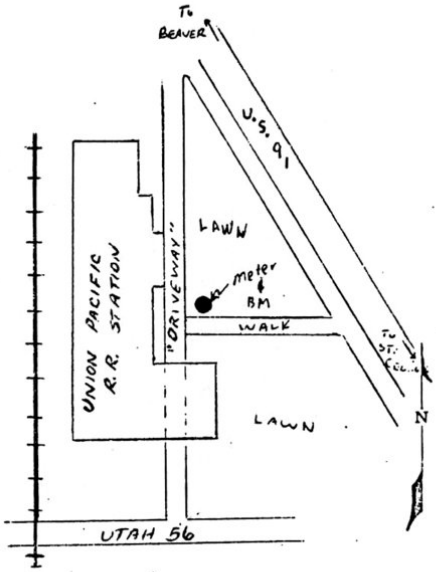
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
37° 40.9'N (1)	CEDAR CITY
LONGITUDE	
113° 03.7'W (1)	
ELEVATION	**COUNTRY/STATE**
1767.9 METERS (1)	USA/Utah

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4620-1		g= 979 429.16 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USGS benchmark "H31 Reset", which is set in the top of a concrete post 54 feet east of the Cedar City Station, Union Pacific Railroad, near downtown Cedar City, Utah. The concrete post, 0.5 foot high, is located near the southwest corner of a grass lawn 6 feet north of the centerline of the concrete walk, and is across the street from the station. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 0-415

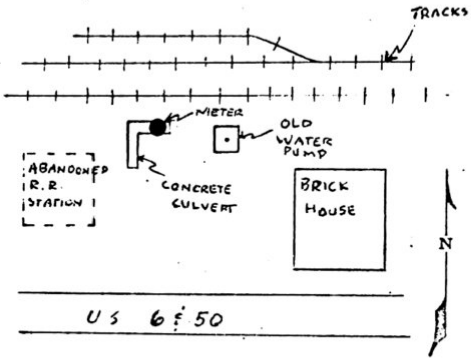
1532

GRAVITY BASE STATION

LATITUDE 38° 58.3'N (1)	STATION DESIGNATION CISCO
LONGITUDE 109° 19.2'W (1)	
ELEVATION 1326.2 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4621-1	ADOPTED GRAVITY VALUE: g= 979 621.17 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on a vertical concrete slab on top of a concrete culvert passing underneath the Denver and Rio Grande Western Railroad, just east of the now abandoned Cisco Railroad Station in the center of Cisco, Utah. The station is on the center top of the northernmost (east-west trending) of two perpendicular concrete slabs, and is about 100 feet north of US Highway 50-6, about 100 feet west of a brick house and 15 feet west of an old water pump. (1)



REFERENCE SOURCE

(1) 03685

1533

ACIC HQ FORM FEB 69 0-415

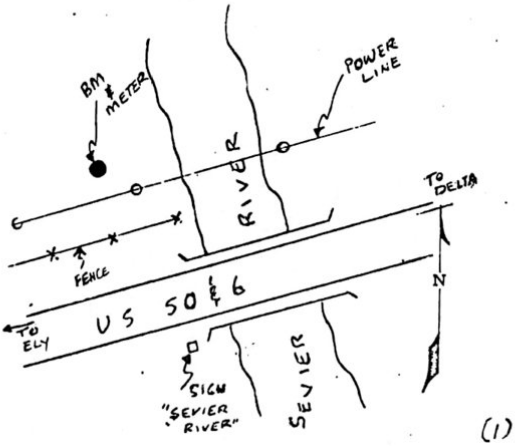
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
39° 19.9'N (1)	DELTA
LONGITUDE	
112° 37.3'W (1)	
ELEVATION	**COUNTRY/STATE**
1401.2 METERS (1)	USA/Utah

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4622-1		g= 979 657.61 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USC & GS benchmark "N35 1934", which is set in the top of a concrete post 3.0 miles southwest along US Highway 6 from Delta, Utah. The concrete post, one foot high, is located 70 feet southwest of the center of a bridge over a stream, 30 feet northwest of the centerline of the highway, 27 feet southwest of a pole, and 6 feet northwest of the line of poles. No witness post is present. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 0-415

1534

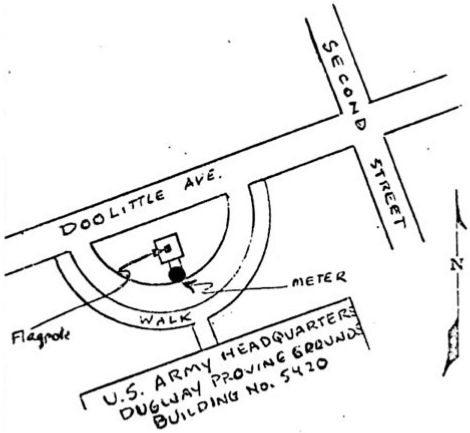
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
40° 13.2'N (1)	DUGWAY
LONGITUDE	
112° 44.6'W (1)	
ELEVATION	**COUNTRY/STATE**
1474.3 METERS (1)	USA/Utah

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4623-1		g= 979 740.24 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on a concrete pavement leading to the flagpole opposite US Army Headquarters, Building 5450, in the center of Dugway Proving Grounds, Utah. The station is located approximately 50 feet south-southwest of the flagpole, in which USGS benchmark "19WF 1954" is set into the base. The station is centered on the pavement leading south-southwest from the flagpole to Building 5450, and on the edge of the sidewalk curb. The brass disc was not used due to ground vibrations from the flagpole. (1)



(1)

REFERENCE SOURCE

(1) 03685

1535

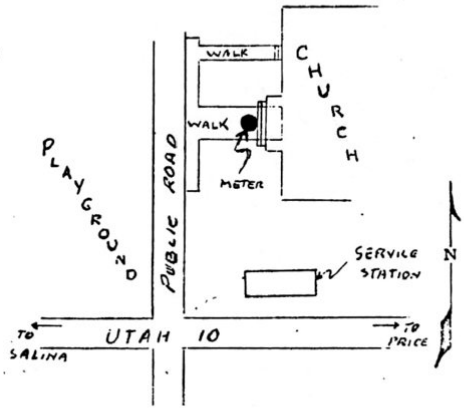
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 38° 55.0'N (1)	STATION DESIGNATION EMERY
LONGITUDE 111° 14.9'W (1)	
ELEVATION 1904.7 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4624-1	ADOPTED GRAVITY VALUE: g= 979 501.34 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on the sidewalk in front of the Emery Ward, Church of the Latter-Day Saints, along Utah Highway 10 in downtown Emery, Utah. The station is located on the center of the sidewalk at the base of three concrete steps leading up to the main entrance of the church, which is about 300 feet north of Utah Highway 10 and distinguished by a high white steeple. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 O-415

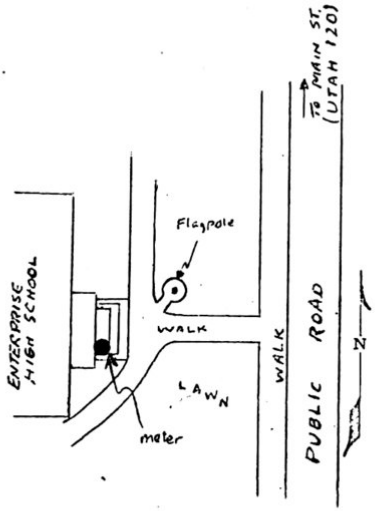
1536

GRAVITY BASE STATION

LATITUDE 37° 34.1'N (1)	STATION DESIGNATION ENTERPRISE
LONGITUDE 113° 43.0'W (1)	
ELEVATION 1624.3 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4625-1	ADOPTED GRAVITY VALUE: g= 979 446.73 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USGS benchmark "Y12 1934", which is set in the south end of the top step of the entrance to Enterprise School, downtown Enterprise, Utah. The brass disc is located one foot north of the south edge of the step, with the high school several blocks south of Utah Highway 120. (1)



(1)

REFERENCE SOURCE

(1) 03685

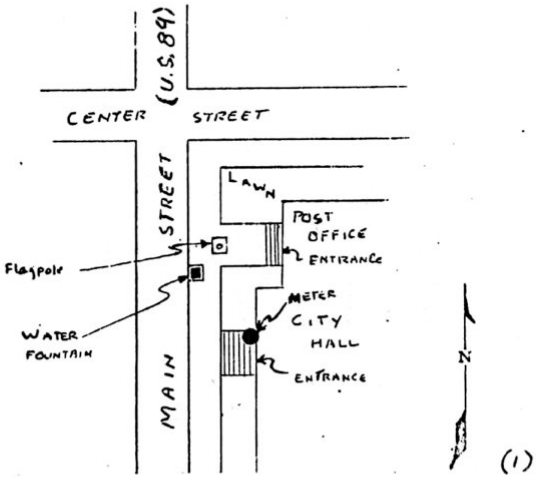
1537 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 39° 21.7'N (1)	STATION DESIGNATION EPHRAIM
LONGITUDE 111° 35.2'W (1)	
ELEVATION 1688.5 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4626-1	ADOPTED GRAVITY VALUE: g= 979 558.63 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located 0.5 feet below USC & GS benchmark "D43 1934" which is set in the top step of the entrance to the City Hall building in downtown Ephraim, Utah. The station is located on the second step from the top, one step beneath the benchmark, at the north end of the step at the west entrance to the building, on Main Street. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 O-415

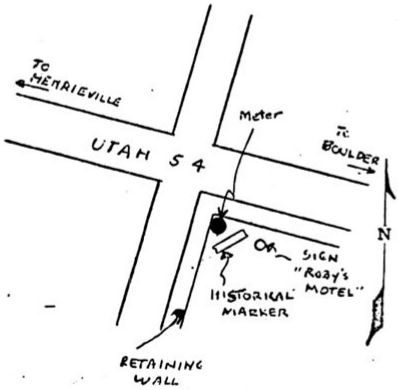
1538

GRAVITY BASE STATION

LATITUDE 37° 46.2'N (1)	STATION DESIGNATION ESCALANTE
LONGITUDE 111° 36.1'W (1)	
ELEVATION 1771.5 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4627-1	ADOPTED GRAVITY VALUE: g= 979 426.37 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USGS benchmark "83 WF", which is set in the top of the northwest corner of a low concrete retaining wall along Main Street in downtown Escalante, Utah. The retaining wall surrounds what is now Ruby's Motel and a private residence on the south side of Main Street (Utah Highway 54), with the brass disc immediately beneath a pioneer memorial constructed of petrified wood fragments. (1)



(1)

REFERENCE SOURCE

(1) 03685

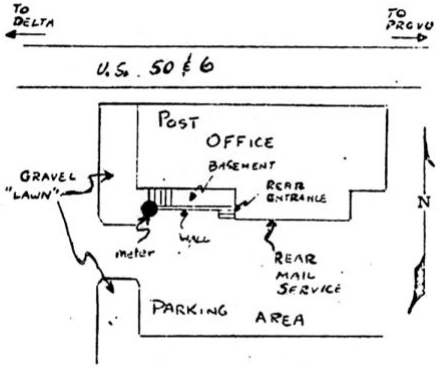
1539 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 39° 57.3'N (1)	STATION DESIGNATION EUREKA
LONGITUDE 112° 07.1'W (1)	
ELEVATION 1963.5 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4628-1	ADOPTED GRAVITY VALUE: g= 979 606.34 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USC & GS benchmark "Eureka 1934", which is set in the top of the west end of a stair curbing of the US Post Office building along US Highway 6-50 in downtown Eureka, Utah. The stair curbing is located at the southwest corner of the post office building, adjacent to a rear parking area and a rear entrance; the stairs lead down to the basement. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 O-415

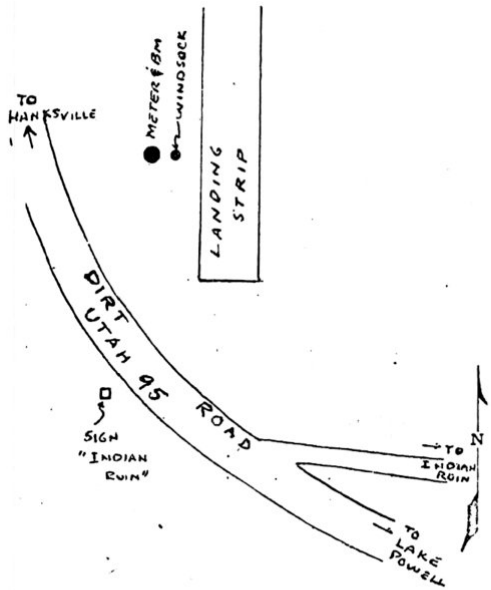
1540

GRAVITY BASE STATION

LATITUDE 37° 39.2'N (1)	STATION DESIGNATION FRY CANYON
LONGITUDE 110° 10.2'W (1)	
ELEVATION 1633.5 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4629-1	ADOPTED GRAVITY VALUE: g= 979 467.22 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USC & GS benchmark "P115 1958", which is set in the top of a concrete post along Utah Highway 95 about 1.15 miles northwest from the post office at Fry Canyon, Utah. The concrete post, 0.5 feet high, is located 116 feet northeast of the centerline of the highway, 0.3 miles southeast of the northwest end of the Fry Canyon Airstrip, and 140 feet southwest of a tall windsock. A witness post is present. (1)



(1)

REFERENCE SOURCE

(1) 03685

1541

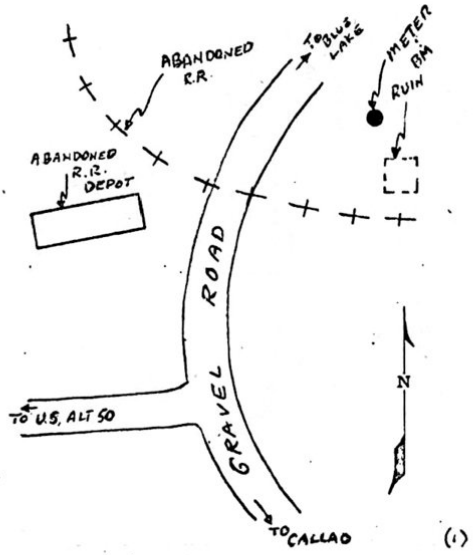
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 10.1'N (1)	STATION DESIGNATION GOLD HILL
LONGITUDE 113° 49.7'W (1)	
ELEVATION 1595.7 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4630-1	ADOPTED GRAVITY VALUE: g= 979 711.62 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USC & GS benchmark "M76 1934", which is set in the top of a concrete post projecting 0.5 foot above the ground at the town of Gold Hill, Utah, which is presently largely abandoned. The concrete post is located about 100 feet north of an abandoned railroad bed, about 60 feet east of north-south gravel road, and 30 feet northwest of an old wooden shack now in ruins. No witness post is present. (1)



REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 O-415

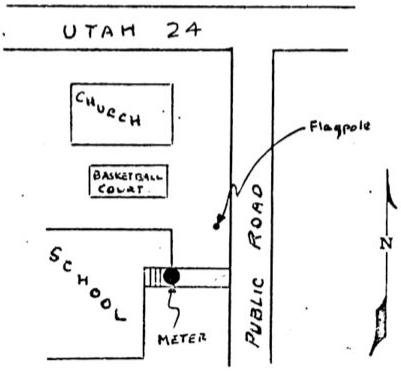
1542

GRAVITY BASE STATION

LATITUDE 38° 22.4'N (1)	STATION DESIGNATION HANKSVILLE
LONGITUDE 110° 42.8'W (1)	
ELEVATION 1312.6 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4631-1	ADOPTED GRAVITY VALUE: g= 979 583.46 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located 2.4 feet below USC & GS benchmark "L111 1958" which is set vertically in east brick wall adjacent to the main entrance of the Hanksville Elementary School in downtown Hanksville, Utah. The station is on the concrete sidewalk at ground level, 1.2 feet south of the brass disc, and just east of the step leading to the entrance. The school is located about one block south of Utah Highway 24. (1)



(1)

REFERENCE SOURCE

(1) 03685

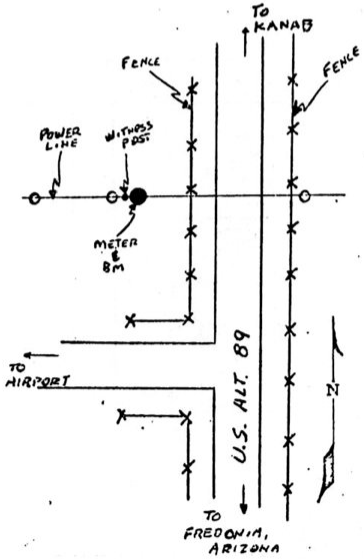
1543 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 37° 00.6'N (1)	STATION DESIGNATION KANAB
LONGITUDE 112° 31.6'W (1)	
ELEVATION 1475.3 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4632-1	ADOPTED GRAVITY VALUE: g= 979 463.97 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals — DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USC & GS benchmark "C138 1962", which is set in the top of a concrete post near the entrance to the Kanab Municipal Airport, which is 0.5 miles south along US Highway 89 from the Latter-Day Saints Church at Kanab, and thence 2.5 miles south along US Highway Alternate 89. The concrete post, 0.3 foot high, is located 153 feet northwest of the center of the intersection of the highway and the entrance to the airport, and 85 feet west of the centerline of the highway. A witness post is present. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 O-415

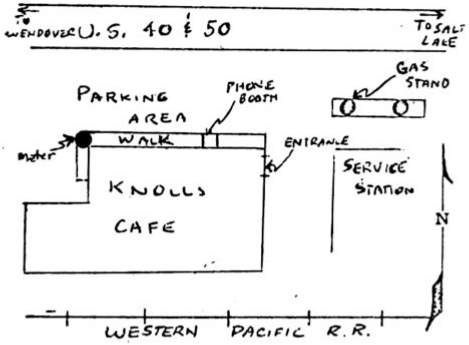
1544

GRAVITY BASE STATION

LATITUDE 40° 43.5'N (1)	STATION DESIGNATION KNOLLS
LONGITUDE 113° 17.2'W (1)	
ELEVATION 1290.2 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4633-1	ADOPTED GRAVITY VALUE: g= 979 847.66 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on the western portion of the sidewalk surrounding the cafe-gas station along US Highway 40-Alternate 50 at Knolls, Utah. The station is located on the southwestern corner of the sidewalk along the western edge of the building, immediately below a window and beverage sign. The cafe-gas station building is the only one at Knolls, and is located south of the highway. (1)



(1)

REFERENCE SOURCE

(1) 03685

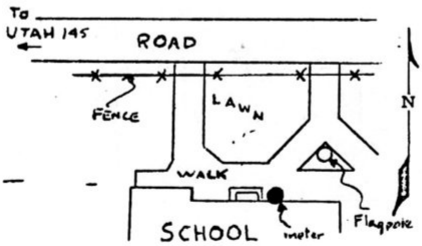
1545 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 41° 49.4'N (1)	STATION DESIGNATION LAKETOWN
LONGITUDE 111° 19.2'W (1)	
ELEVATION 1825.2 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4634-1	ADOPTED GRAVITY VALUE: g= 979 754.27 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located 4.5 feet below USC & GS benchmark "Q126 1939", which is set vertically in the concrete portion of the front wall of the District 3 School in downtown Laketown, Utah. The station is located on the concrete walk immediately beneath the brass disc, about 150 feet south of the centerline of the street in front of the school, 32 feet north of the centerline of the west entrance, and 3 feet east of the northwest corner of the building. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 0-415

1546

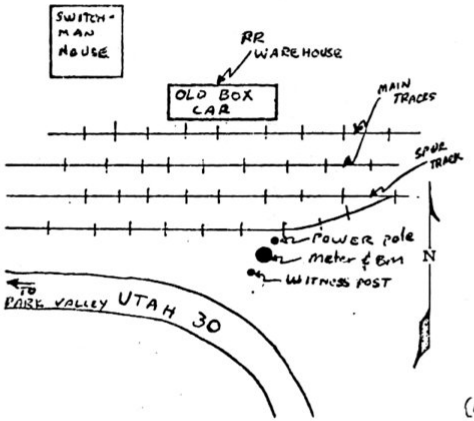
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
41° 21.0'N (1)	LUCIN
LONGITUDE	
113° 54.2'W (1)	
ELEVATION	**COUNTRY/STATE**
1363.2 METERS (1)	USA/Utah

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4635-1		g= 979 884.07 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USC & GS benchmark "S83 1958", which is set in the top of a concrete post projecting 0.2 feet above the ground at the Lucin, Utah station of the Southern Pacific Railroad. The concrete post is located between the railroad and state highway 70, 160 feet northeast of and across a driveway from the centerline of the highway, 70.6 feet south of the south rail of the main (eastbound) track, 45 feet east of the northeast corner of a railroad warehouse, and 3 feet southwest of a power pole, with a witness marker adjoining the post. (1)



(1)

REFERENCE SOURCE

(1) 03685

1547

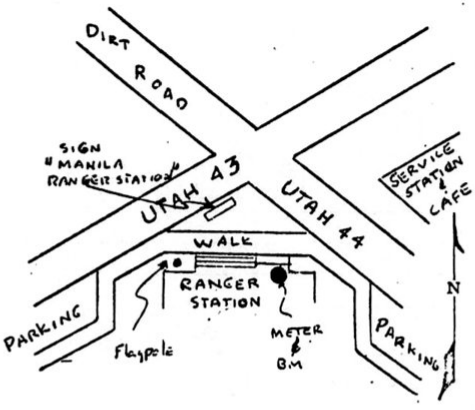
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 40° 59.3'N (1)	STATION DESIGNATION MANILA
LONGITUDE 109° 43.3'W (1)	
ELEVATION 1934.4 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4636-1	ADOPTED GRAVITY VALUE: g= 979 663.92 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USC & GS benchmark "L29 1933", which is set in the top step of the main entrance to the Manila Ranger Station, Ashley National Forest, near the center of Manila, Utah. The brass disc is located at the east end (left side) of the entrance, which faces the intersection of Utah Highway 43 and Utah Highway 44. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 0-415

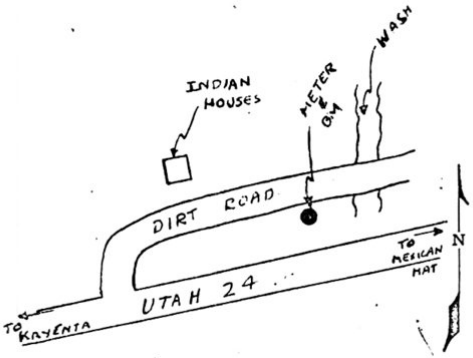
1548

GRAVITY BASE STATION

LATITUDE 37° 08.5'N (1)	STATION DESIGNATION MEXICAN HAT
LONGITUDE 109° 52.9'W (1)	
ELEVATION 1305.7 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4637-1	ADOPTED GRAVITY VALUE: g= 979 485.25 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USC & GS benchmark "K24 1933" which is set in the top of a concrete post about 2.1 miles southwest along Utah Highway 24 to Kayenta from Mexican Hat, Utah. The concrete post, 0.2 foot high, is located between an unpaved road branching northeast from Utah Highway 24 and Highway 24, 1.6 miles southwest of the San Juan River Bridge, near the middle of a flat-topped knoll on the northeast slope off a hill; it is 100 yards southwest of a wash, 65 feet northwest of the centerline of Highway 24, and one foot higher than the highway. No witness post is present. (1)



(1)

REFERENCE SOURCE

(1) 03685

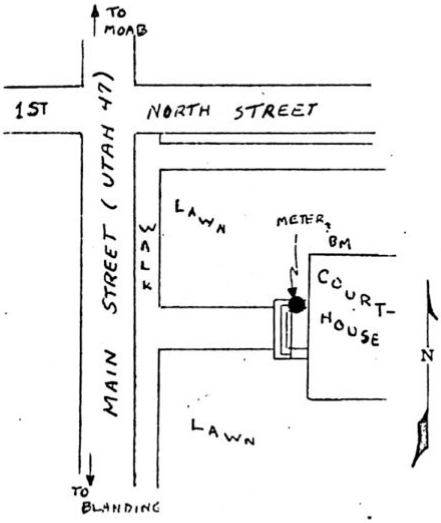
1549 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 37° 52.4'N (1)	STATION DESIGNATION MONTICELLO
LONGITUDE 109° 20.5'W (1)	
ELEVATION 2153.9 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4638-1	ADOPTED GRAVITY VALUE: g= 979 364.46 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USC & GS benchmark "V21 1933", which is set in the sandstone coping north of the steps at the main entrance to the San Juan County Courthouse in downtown Monticello, Utah. The brass disc is located about 9 feet north of the entrance centerline, at the base of two supporting columns. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 O-415

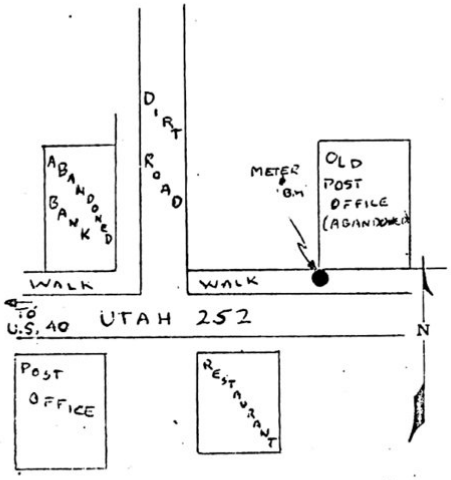
1550

GRAVITY BASE STATION

LATITUDE 40° 11.9'N (1)	STATION DESIGNATION MYTON
LONGITUDE 110° 03.8'W (1)	
ELEVATION 1549.5 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4639-1	ADOPTED GRAVITY VALUE: g= 979 651.89 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located four feet below USC & GS benchmark "Z52 1934", which is set vertically in the front brick wall of the former US Post Office Building (now abandoned) in downtown Myton, Utah. The station is on the sidewalk immediately below the brass disc, 2 feet east of the west end of the building, along Utah Highway 252, one-half block east of the new US Post Office Building. (1)



REFERENCE SOURCE

(1) 03685

1551

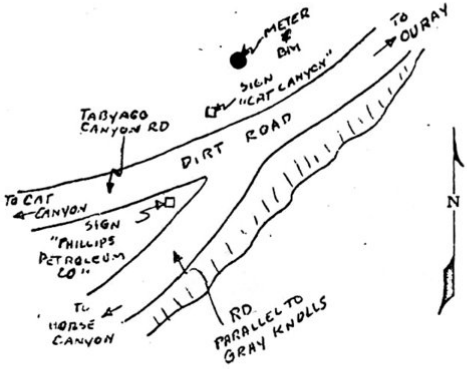
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 39° 49.5'N (1)	STATION DESIGNATION NUTTERS HOLE
LONGITUDE 109° 48.7'W (1)	
ELEVATION 1678.5 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4640-1	ADOPTED GRAVITY VALUE: g= 979 641.18 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USGS benchmark "41WF 1952", which is set in the top of a concrete post one-half mile west of the Uncompahgre Addition to the Uintah and Ouray Indian Reservation, Utah, about 21 miles south of Ouray, Utah. The concrete post, 0.3 foot high, is located 50 feet north of the intersection of Tabyago Canyon Draw Road and a generally north-south road parallel to and west of Gray Knolls, about 3 miles east of Nutters Hole. No witness post is present. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 O-415

1552

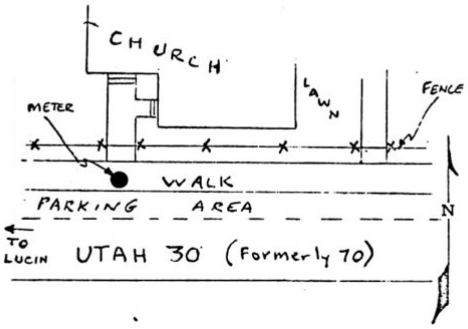
GRAVITY BASE STATION

LATITUDE 41° 49.1'N (1)	STATION DESIGNATION PARK VALLEY
LONGITUDE 113° 19.8'W (1)	
ELEVATION 1689.5 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4641-1	ADOPTED GRAVITY VALUE: g= 979 855.10 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on the sidewalk south of the main (south) gate entrance to the grounds of the Park Valley Ward, Church of the Latter-Day Saints, along Utah Highway 30 (formerly 70) in Park Valley, Utah. The station is located 3 feet south of the fence surrounding the church grounds, immediately west of a crack in the sidewalk extending south from the fence gate into the church, and on the south edge of the sidewalk, which is parallel to the fence.

(1)



(1)

REFERENCE SOURCE

(1) 03685

1553

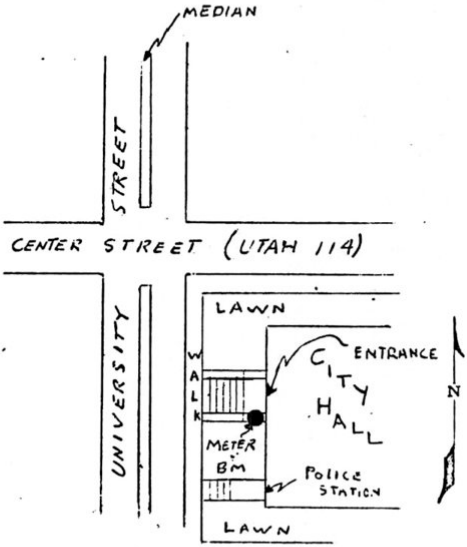
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 40° 14.0'N (1)	STATION DESIGNATION PROVO
LONGITUDE 111° 39.5'W (1)	
ELEVATION 1387.8 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4642-1	ADOPTED GRAVITY VALUE: g= 979 717.56 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USGS benchmark "4552 1910", which is set in a concrete coping above a basement window of the Provo City Offices Building (formerly the Post Office Building) in downtown Provo, Utah. The benchmark is located 10 feet south of the main entrance to the building and north of the entrance to the police department, on University Street. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 O-415

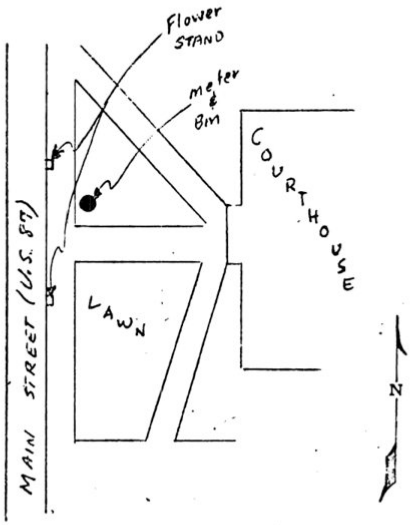
1554

GRAVITY BASE STATION

LATITUDE 38° 46.3'N (1)	STATION DESIGNATION RICHFIELD
LONGITUDE 112° 05.0'W (1)	
ELEVATION 1629.2 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4643-1	ADOPTED GRAVITY VALUE: g= 979 509.08 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USGS benchmark "H95 1931", which is set in the top of a concrete post on the grounds of the Sevier County Courthouse in downtown Richfield, Utah. The concrete post, 0.2 foot high, is located 50 feet west of the west entrance to the courthouse, 12 feet east of the street sidewalk, and 8 feet north of the sidewalk leading to the building on Main Street. (1)



(1)

REFERENCE SOURCE

(1) 03685

1555 ACIC HQ FORM FEB 69 0-415

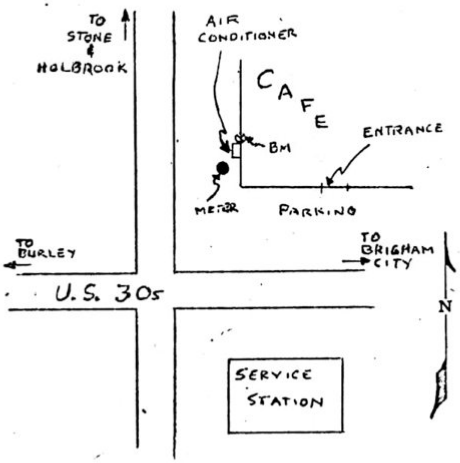
GRAVITY BASE STATION

LATITUDE 41° 58.0'N (1)	STATION DESIGNATION SNOWVILLE
LONGITUDE 112° 42.5'W (1)	
ELEVATION 1387.0 METERS (1)	COUNTRY/STATE USA/Utah

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4644-1		g= 979 918.96 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located 4.0 feet below USC & GS benchmark "C89 1934", which is set vertically in the south end of the west wall of a brick cafe building along US Highway 30S in Snowville, Utah. The station is located on the asphalt pavement immedicately beneath the brass disc, at the junction of a T-road leading north from Highway 30S. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 O-415

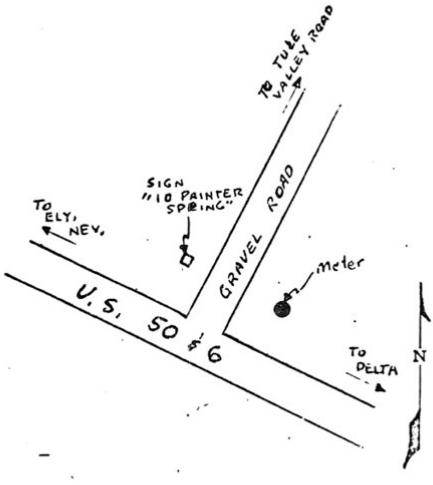
1556

GRAVITY BASE STATION

LATITUDE 39° 04.2'N (1)	STATION DESIGNATION SOUTH WHITE VALLEY
LONGITUDE 113° 27.5'W (1)	
ELEVATION 1375.9 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4645-1	ADOPTED GRAVITY VALUE: g= 979 636.39 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is located on USGS benchmark "25 HJH 1958", which is set in the top of a concrete post located along US Highway 6-50 at the south end of the White Valley, 6 miles northwest of Skull Rock Pass and one mile north of the Tule Valley Road. The concrete post, about 0.5 feet high, is located southeast of a gravel road branching northeast from US Highway 6.50 to the Painters Spring, and is opposite a US Bureau of Land Management sign designating "Painters Spring, 10 miles (NE)". No witness post is present. (1)



(1)

REFERENCE SOURCE

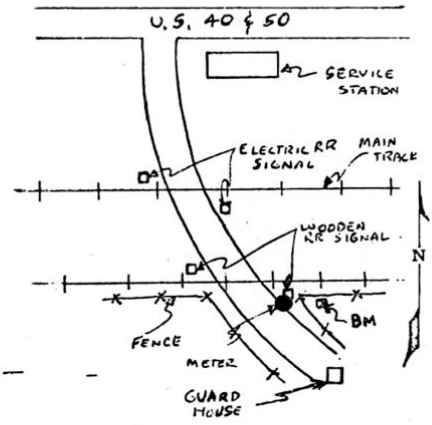
(1) 03685

GRAVITY BASE STATION

LATITUDE 40° 44.1'N (1)	STATION DESIGNATION WENDOVER
LONGITUDE 114° 01.8'W (1)	
ELEVATION 1296.1 METERS (1)	COUNTRY/STATE USA/Utah
REFERENCE CODE NUMBERS: ACIC 4646-1	ADOPTED GRAVITY VALUE: g= 979 838.34 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 12/71

DESCRIPTION AND/OR SKETCH

The station is located near USC & GS benchmark "J334 1945", which is set in a low concrete post near the entrance to Wendover Air Force Base (abandoned) in the southern part of Wendover, Utah. Inaccessibility of the benchmark necessitated using a station located on the concrete platform of the railroad crossing signal along the east side of the road from US Highways 40 and 50 south to the Air Force Base, about 25 feet west of a barbed wire fence and just west of a large light pole, about 10 feet south of the aouthernmost railroad track. (1)



(1)

REFERENCE SOURCE

(1) 03685

ACIC HQ FORM FEB 69 0-415

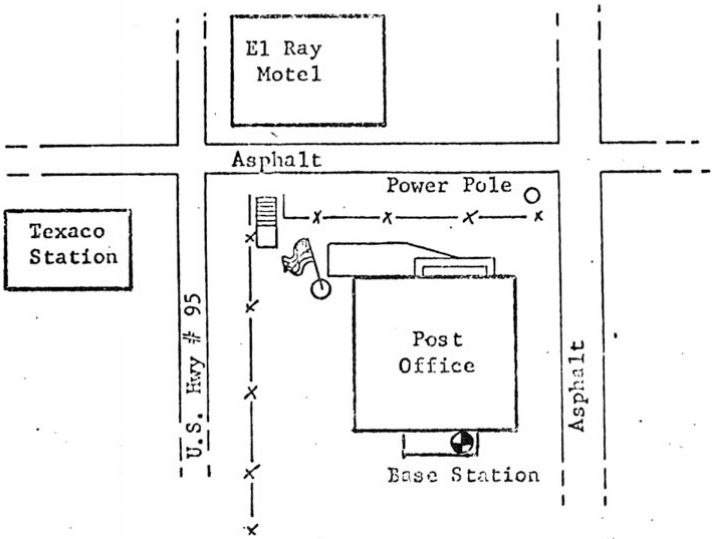
1558

GRAVITY BASE STATION

LATITUDE 35° 27.76'N (1)	STATION DESIGNATION SEARCHLIGHT
LONGITUDE 114° 55.05'W (1)	
ELEVATION 1081.49 METERS (1)	COUNTRY/STATE USA/Nevada
REFERENCE CODE NUMBERS: ACIC 4647-1; IGB 12054B	ADOPTED GRAVITY VALUE: g= 979 462.76 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 10/70

DESCRIPTION AND/OR SKETCH

The station is on the northeast corner of the back (south) porch of the US Post Office in Searchlight, Nevada and is marked with a standard USAF Gravity Station disc. (1)



REFERENCE SOURCE

(1) 03405

1559 ACIC HQ FORM FEB 69 O-415

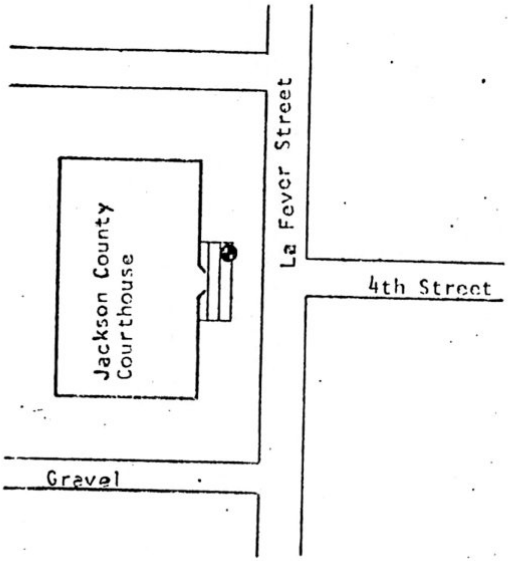
GRAVITY BASE STATION

LATITUDE 40° 43.90'N (1)	STATION DESIGNATION WALDEN
LONGITUDE 106° 16.98'W (1)	
ELEVATION 2468.6 METERS (1)	COUNTRY/STATE USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4648-2		g= 979 503.22 mgals	
IGB 15506C			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located at La Fever and 4th Streets at the Jackson County Courthouse at the East entrance on the northeast corner of the bottom concrete stair. The station is monumented with a USAF Gravity Disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

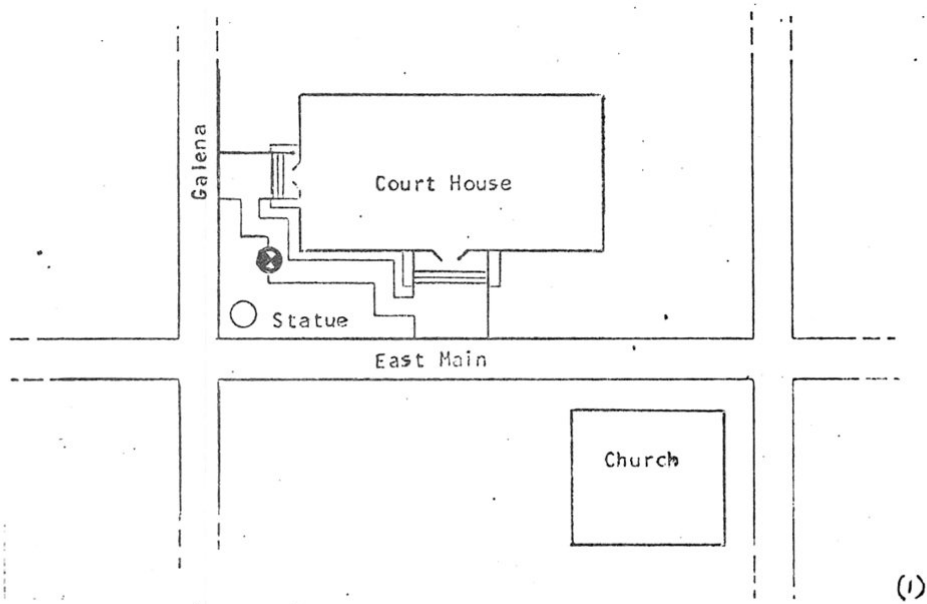
1560

GRAVITY BASE STATION

LATITUDE 39° 11.40'N (1)	STATION DESIGNATION ASPEN
LONGITUDE 106° 49.02'W (1)	
ELEVATION 2410.7 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 4649-1; IGB 11996C	ADOPTED GRAVITY VALUE: g= 979 323.65 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Aspen, Colorado, on the northeast corner of East Main and Galena, at the Pitkin County Courthouse, at the southeast corner of the building, on the sidewalk below a USGS BM set in the building wall. (1)



(1)

REFERENCE SOURCE

(1) 03405

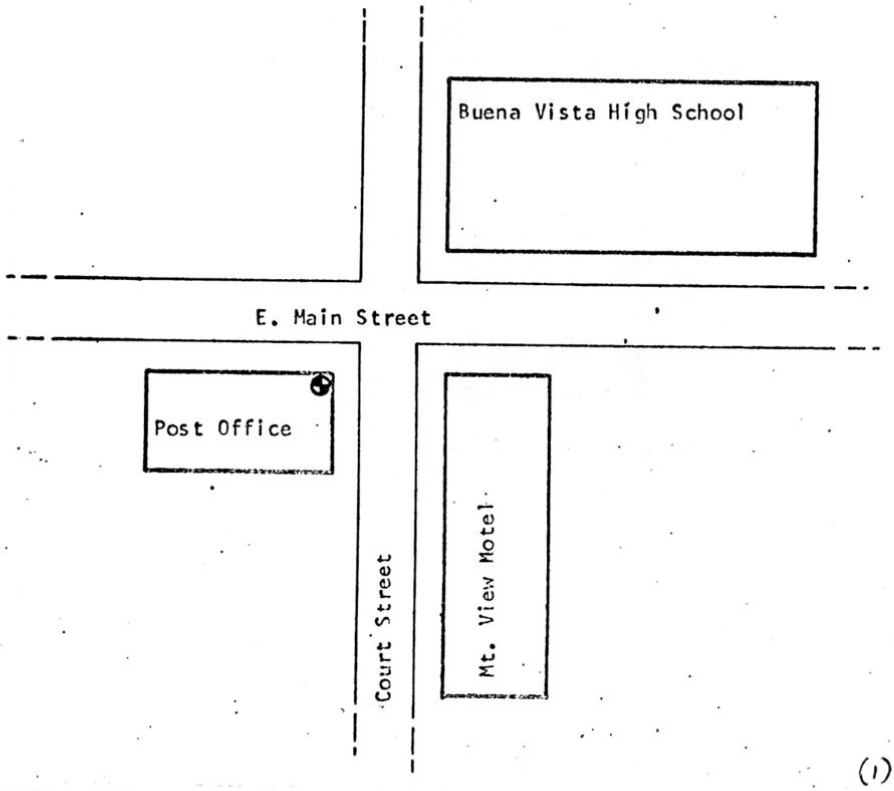
1561 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 38° 50.65'N (1)	STATION DESIGNATION BUENA VISTA
LONGITUDE 106° 07.65'W (1)	
ELEVATION 2424.7 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 4650-1; IGB 11986C	ADOPTED GRAVITY VALUE: g= 979 316.58 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Buena Vista, at the corner of East Main and Court Streets, inside the Post Office, at the northeast corner of the lobby, on the floor. The station is monumented with a standard "USAF Gravity Station" disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

1562

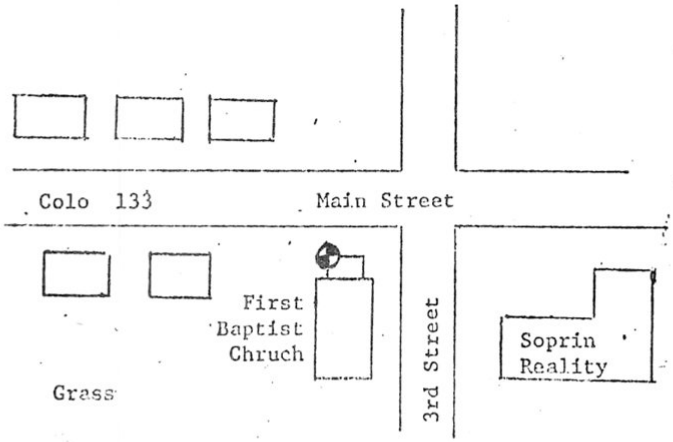
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
39° 24.04'N (1)	CARBONDALE
LONGITUDE	
107° 12.71'W (1)	
ELEVATION	**COUNTRY/STATE**
1880.6 METERS (1)	USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4651-1			
IGB 11997D		g= 979 473.12 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Carbondale, on the southwest corner of Main Street and 3rd Street, at the First Baptist Church, in the northwest corner of the building on the sidewalk. (1)



(1)

REFERENCE SOURCE

(1) 03405

1563 ACIC HQ FORM FEB 69 O-415

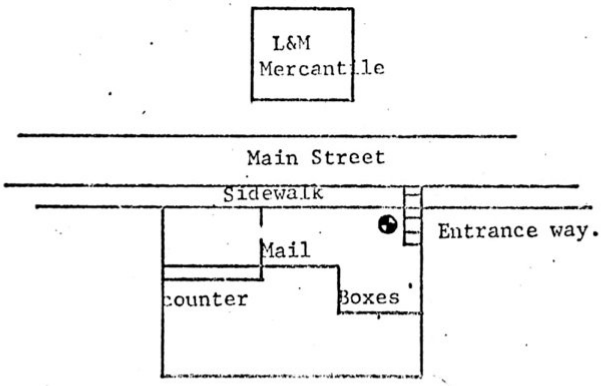
GRAVITY BASE STATION

LATITUDE 39° 14.36'N (1)	STATION DESIGNATION COLLBRAN
LONGITUDE 107° 57.60'W (1)	
ELEVATION 1827.89 METERS (1)	COUNTRY/STATE USA/Colorado

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4652-1		g= 979 512.80 mgals	
IGB 11997C			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Collbran at the Post Office on Main Street in the corner formed by the west wall and the entrance way. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

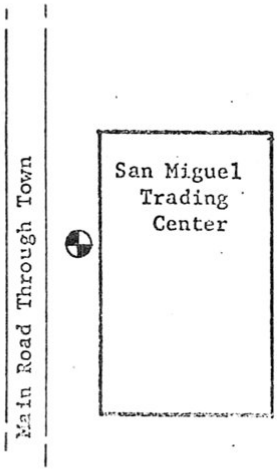
1564

GRAVITY BASE STATION

LATITUDE 38° 22.08'N (1)	STATION DESIGNATION URAVAN
LONGITUDE 108° 44.12'W (1)	
ELEVATION 1521.9 METERS (1)	COUNTRY/STATE USA/Colorado
REFERENCE CODE NUMBERS: ACIC 4653-1; IGB 11988C	ADOPTED GRAVITY VALUE: g= 979 507.83 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Uravan, Colorado, on the sidewalk in front of the San Miguel Trading Center, about 2.5 feet from the edge of the sidewalk, about 12 feet north of the two steps in the walk. The station is a USGS BM stmaped "37 JS (1947)" and set in the sidewalk. (1)



(1)

REFERENCE SOURCE

(1) 03405

1565

ACIC HQ FORM FEB 69 0-415

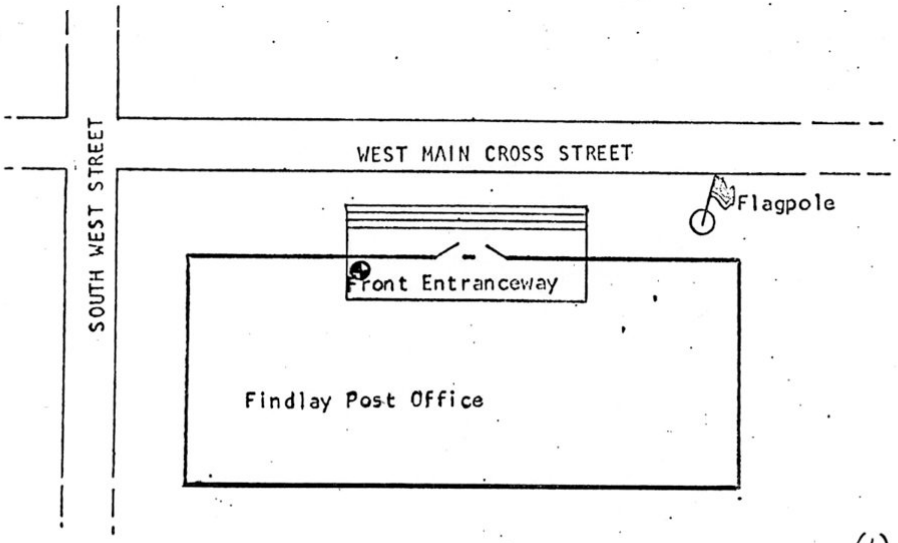
GRAVITY BASE STATION

LATITUDE 41° 02.55'N (1)	STATION DESIGNATION FINDLAY
LONGITUDE 83° 38.85'W (1)	
ELEVATION 243.84 METERS (1)	COUNTRY/STATE USA/Ohio

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4654-1		g= 980 161.32 mgals	
IGB 15313B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Findlay, Ohio on the southeast corner of West Main Cross and South West Streets, inside the northwest corner of the main entry-way, nine feet west of the center of the door and three inches south of the north wall. The station is a "USAF Gravity Disc". (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

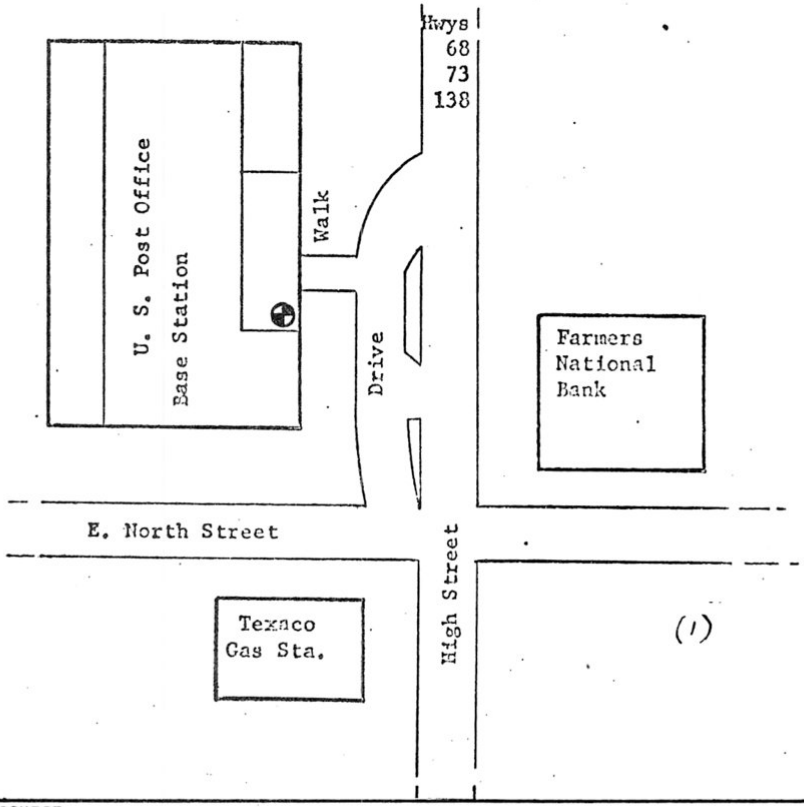
1566

GRAVITY BASE STATION

LATITUDE 39° 12.23'N (1)	STATION DESIGNATION HILLSBORO
LONGITUDE 83° 36.75'W (1)	
ELEVATION 335.28 METERS (1)	COUNTRY/STATE USA/Ohio
REFERENCE CODE NUMBERS: ACIC 4655-1; IGB 11793B	ADOPTED GRAVITY VALUE: g= 980 024.27 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Hillsboro, Ohio, at the Post Office on the corner of High Street (Highway 68, 73) and East North Street, inside the main entrance, in the southeast corner of the lobby, 8 feet south of the centerline of the main entranceway, 4 inches from the east wall, and monumented by a USAF Gravity Disc. (1)



REFERENCE SOURCE

(1) 03405

1567 ACIC HQ FORM FEB 69 0-415

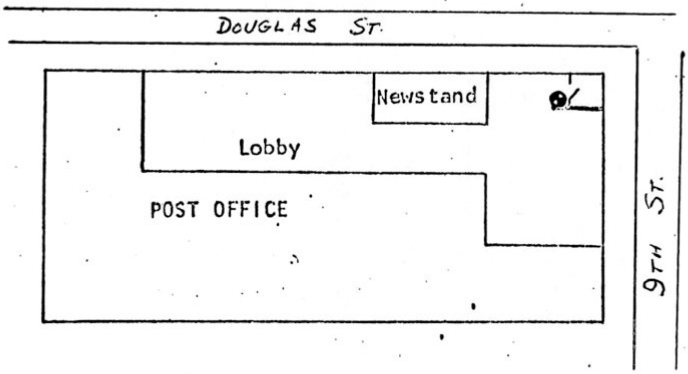
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
35° 35.62'N (1)	LAS VEGAS
LONGITUDE	
105° 13.10'W (1)	
ELEVATION	**COUNTRY/STATE**
1961.7 METERS (1)	USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4656-1		g= 979 207.02 mgals	
IGB 11955B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is in Las Vegas, inside the main post office, in the northeast corner of the lobby, two feet from the door to the custodian's closet, three inches from the interior partition, on the floor. (1)



(1)

REFERENCE SOURCE

(1) 03390

ACIC HQ FORM FEB 69 O-415

1568

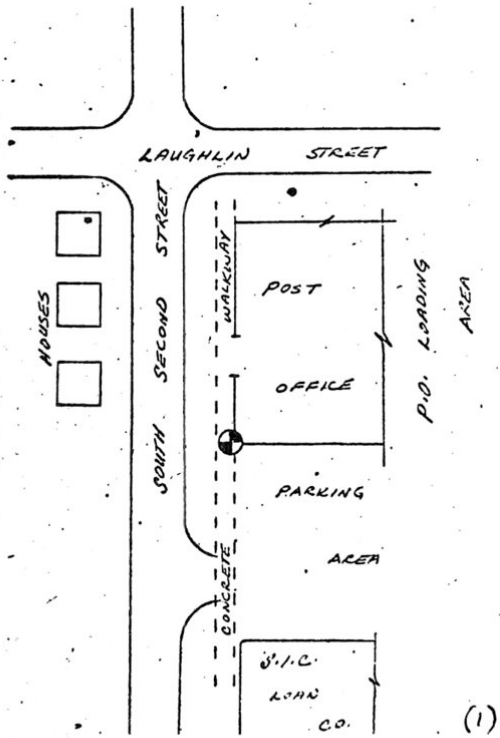
GRAVITY BASE STATION

LATITUDE 35° 10.45'N (1)	STATION DESIGNATION TUCUMCARI
LONGITUDE 103° 43.52'W (1)	
ELEVATION 1245.7 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4657-1; IGB 11953B	ADOPTED GRAVITY VALUE: g= 979 354.97 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Tucumcari, New Mexico; at post office on west side of building on concrete surface of walkway at southwest corner of wall, approximately 15 feet east of north-south curbline, and approximately 15 feet south of southernmost door of two doors at main entrance to post office.

Station site located in southeast quadrant of north-south street (south Second Street) and east-west street (Laughlin Street). (1)



REFERENCE SOURCE

(1) 03390

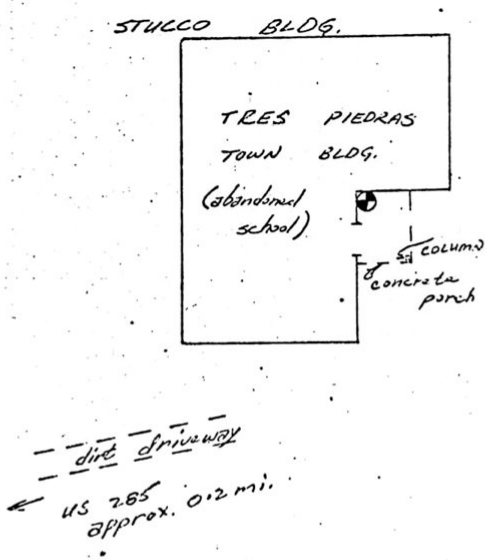
1564 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 36° 38.76'N (1)	STATION DESIGNATION TRES PIEDRAS
LONGITUDE 105° 57.88'W (1)	
ELEVATION 2468.9 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4658-1; IGB 11965B	ADOPTED GRAVITY VALUE: g= 979 165.45 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Tres Piedras, New Mexico; at town building (abandoned school house), on east side at main entrance, on northwest corner of concrete porch surface, approximately 15 feet north-northwest of 1 foot square supporting column, and approximately 10 feet north of doorway. (1)



REFERENCE SOURCE

(1) 03390

ACIC HQ FORM FEB 69 0-415

1570

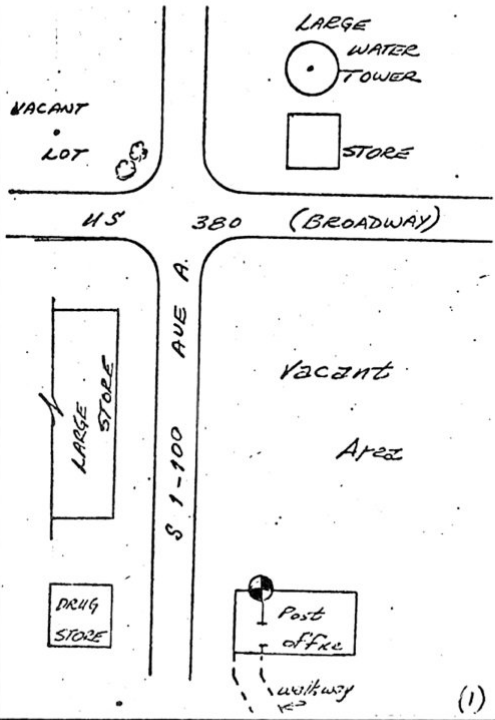
GRAVITY BASE STATION

LATITUDE 33° 15.20'N (1)	STATION DESIGNATION TATUM
LONGITUDE 103° 19.20'W (1)	
ELEVATION 1219.2 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4659-1; IGB 11933B	ADOPTED GRAVITY VALUE: g= 979 256.77 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Tatum, New Mexico; at Tatum post office, at northwest corner of small building; on northeast corner of concrete surface, at junction point with vertical wall.

To reach from junction of US Route 380 (east-west paved road) and Avenue A S1-100 (north-south paved street), proceed southerly along Avenue A S1-100 for approximately 400 feet and station site on east (left) side of street. (1)



(1)

REFERENCE SOURCE

(1) 03390

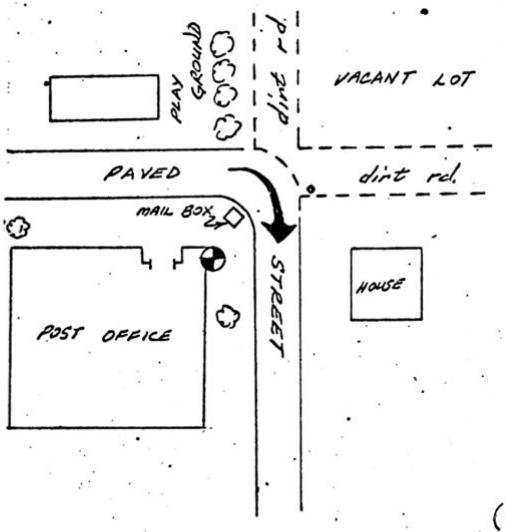
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
36° 21.7'N (1)	SPRINGER
LONGITUDE	
104° 35.6'W (1)	
ELEVATION	**COUNTRY/STATE**
1785.2 METERS (1)	USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4660-1		g= 979 317.14 mgals	
IGB 11964B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Springer, New Mexico; at post office at northeast corner of building on concrete surface of walkway, approximately 2 feet south and around corner from flagpole and approximately 30 feet southwest of mailbox anchored at southwest corner of street intersection. (1)



(1)

REFERENCE SOURCE

(1) 03390

ACIC HQ FORM FEB 69 0-415

1572

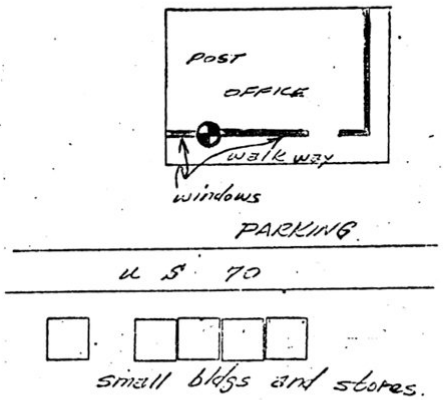
GRAVITY BASE STATION

LATITUDE 33° 19.90'N (1)	STATION DESIGNATION RUIDOSO
LONGITUDE 105° 35.40'W (1)	
ELEVATION 1950.7 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 4661-1	g= 979 064.53 mgals
IGB 11935B	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Ruidoso, New Mexico; at Ruidoso post office, at southwest corner on concrete surface of walkway at base of stone wall at window junction point, under left edge of post office identification sign; outside of building.

Station site located in small town of Ruidoso Downs, formerly known as Green Tree and/or Palo Verde. (1)



(1)

REFERENCE SOURCE

(1) 03390

1573 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

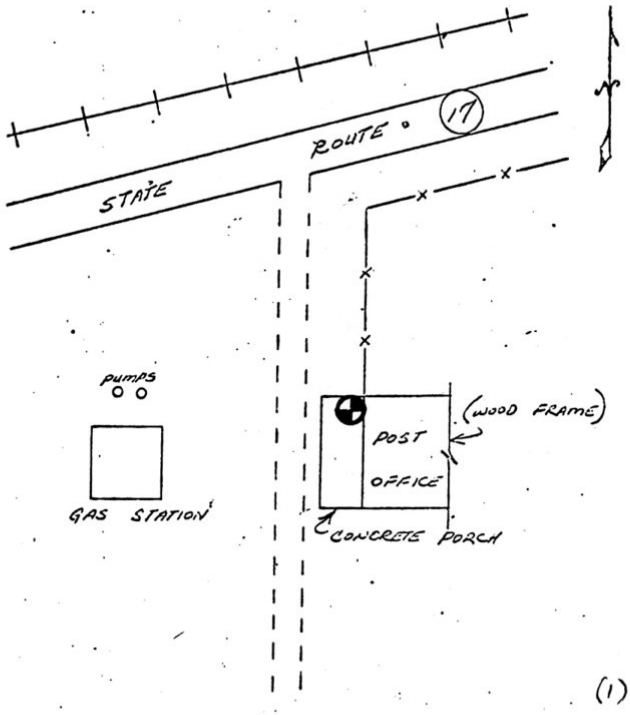
LATITUDE 36° 55.90'N (1)	STATION DESIGNATION LUMBERTON
LONGITUDE 106° 55.94'W (1)	
ELEVATION 2086.4 METERS (1)	COUNTRY/STATE USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4662-1		g= 979 243.42 mgals	
IGB 11966B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Lumberton, New Mexico; at post office on northeast corner of concrete porch surface at northwest corner of wood frame building, approximately 12 feet north of main entrance and approximately 8 feet east of northwest corner of concrete porch.

Station site located in southeast quadrant of State Route 17 and dirt road south. (1)



REFERENCE SOURCE

(1) 03390

ACIC HQ FORM FEB 69 0-415

1574

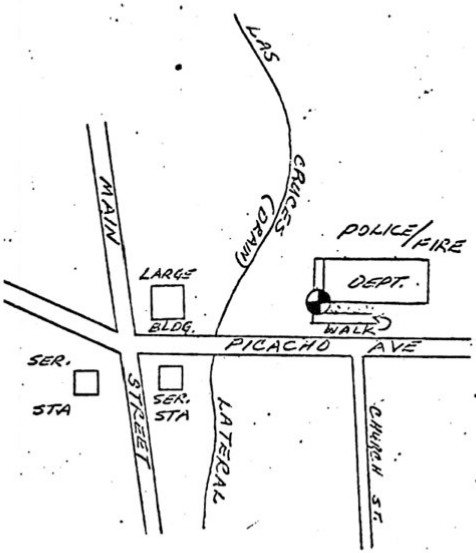
GRAVITY BASE STATION

LATITUDE 32° 18.97'N (1)	STATION DESIGNATION LAS CRUCES
LONGITUDE 106° 46.74'W (1)	
ELEVATION 1188.7 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4663-1; IGB 11926B	ADOPTED GRAVITY VALUE: g= 979 133.87 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Las Cruces, New Mexico, at Las Cruces Police Department/Fire Department, on concrete surface of walkway leading to west entrance of Police Department, at southwest corner of building, and approximately 1.0 foot west of corner.

To reach from intersection of Picacho Avenue (east-west paved road) and Main Street (north-south paved road); proceed east along Picacho Avenue for approximately 0.1 mile to station site on left (north) side. (1)



(1)

REFERENCE SOURCE

(1) 03390

1575 ACIC HQ FORM FEB 69 O-415

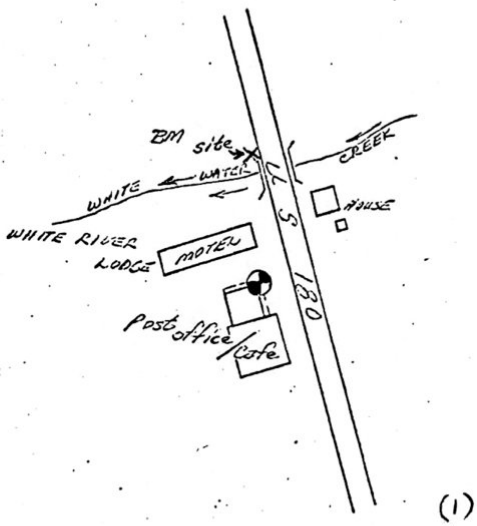
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
33° 18.95'N (1)	GLENWOOD
LONGITUDE	
108° 52.96'W (1)	
ELEVATION	**COUNTRY/STATE**
1435.6 METERS (1)	USA/New Mexico

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4664-1		g= 979 104.26 mgals	
IGB 11938B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Glenwood, New Mexico, at Glenwood post office, on north-northeast corner of building on concrete surface of walkway leading to cafe, approximately 5.0 feet south-southwest of flagpole. (1)



REFERENCE SOURCE

(1) 03390

ACIC HQ FORM FEB 69 O-415

1576

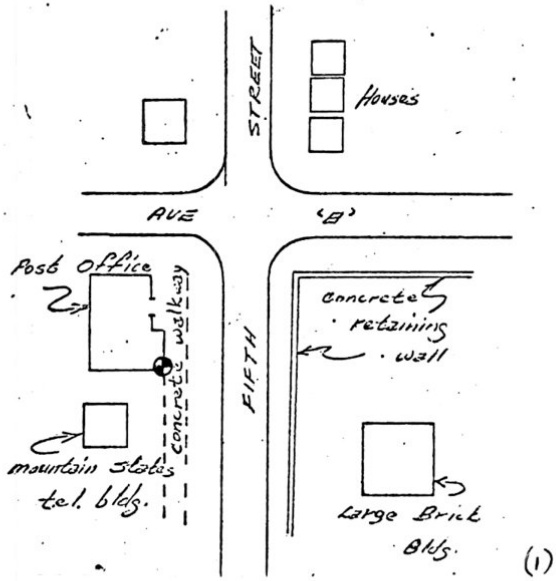
GRAVITY BASE STATION

LATITUDE 34° 28.4'N (1)	STATION DESIGNATION FORT SUMNER
LONGITUDE 104° 14.6'W (1)	
ELEVATION 1236.0 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4665-1; IGB 11944B	ADOPTED GRAVITY VALUE: g= 979 286.02 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Fort Sumner, New Mexico; at Fort Sumner post office, on concrete surface of walkway, at southeast corner of small brick building, approximately 3 feet south of post office identification sign and zip code.

Station site located in southwest quadrant of Avenue "B" (east-west paved street) and Fifth street (north-south paved street). (1)



REFERENCE SOURCE

(1) 03390

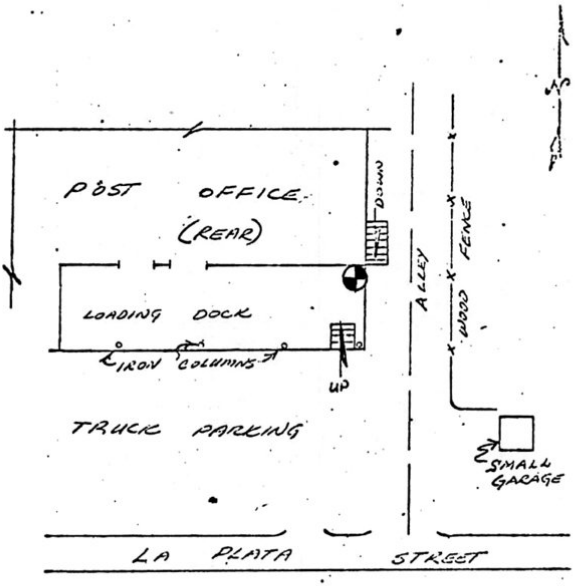
1577 ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 36° 43.9'N (1)	STATION DESIGNATION FARMINGTON
LONGITUDE 108° 12.6'W (1)	
ELEVATION 1618.5 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4666-1; IGB 11968B	ADOPTED GRAVITY VALUE: g= 979 351.42 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Farmington, New Mexico; at post office at southeast corner of building on northeast corner of concrete loading dock, approximately 21 feet west of centerline of north-south dirt driveway (alley), 15 feet north of 4" diameter iron pipe column which is easternmost column of four such columns. (1)



(1)

REFERENCE SOURCE

(1) 03390

ACIC HQ FORM FEB 69 0-415

1578

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
34° 08.70'N (1)	DATIL
LONGITUDE	
107° 50.44'W (1)	
ELEVATION	**COUNTRY/STATE**
2243.3 METERS (1)	USA/New Mexico

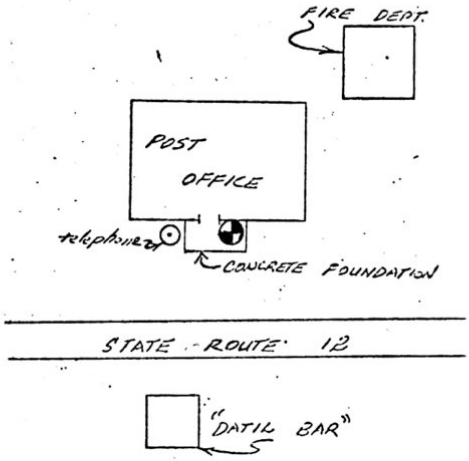
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4667-1		g= 979 007.74 mgals	
IGB 11947B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Datil, New Mexico; at post office on southeast corner of concrete foundation at main entrance to building, approximately 10 feet east of door and approximately 10 feet west of southeast corner of building.

Station site located in settlement of Datil, approximately 100 feet north of centerline of east-west paved street (state route 12).

(1)



(1)

REFERENCE SOURCE

(1) 03390

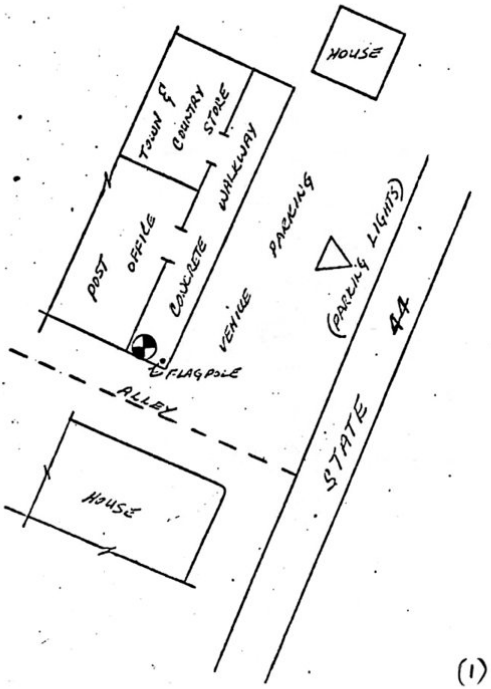
1579 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 36° 01.22'N (1)	STATION DESIGNATION CUBA
LONGITUDE 106° 57.55'W (1)	
ELEVATION 2105.6 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4668-1; IGB 11966B	ADOPTED GRAVITY VALUE: g= 979 179.07 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Cuba, New Mexico; at post office at southeast corner of building at southwest corner of concrete walkway, approximately 8 feet northwest of flagpole, and approximately 2 feet north-northeast of large mailbox mounted to wall of building. (1)



(1)

REFERENCE SOURCE

(1) 03390

ACIC HQ FORM FER 10 0-415

1580

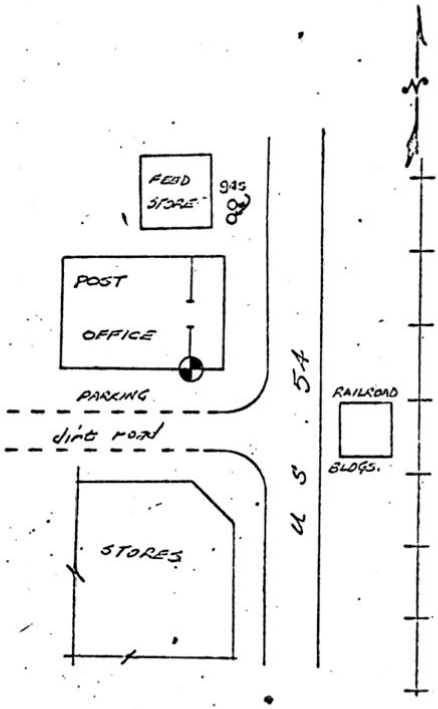
GRAVITY BASE STATION

LATITUDE 34° 15.0'N (1)	STATION DESIGNATION CORONA
LONGITUDE 105° 35.7'W (1)	
ELEVATION 2031.2 METERS (1)	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS: ACIC 4669-1; IGB 11945B	ADOPTED GRAVITY VALUE: g= 979 110.89 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Corona, New Mexico; post office on concrete surface of walkway leading to entrance, at southeast corner of building, approximately 1 foot south and under station identification sign and approximately 4 feet north of flagpole.

Station site located in northwest quadrant of north-south paved road (US 54) and "T" dirt road W. (1)



(1)

REFERENCE SOURCE

(1) 03390

1581

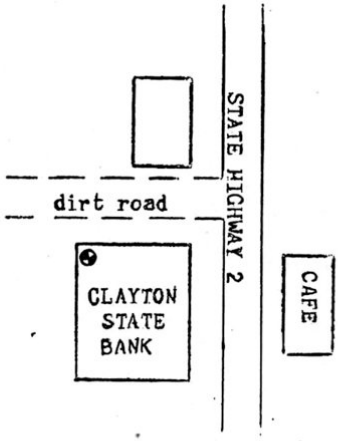
ACIC HQ FORM FEB 69 O-415

GRAVITY BASE STATION

LATITUDE 34° 35.20'N (1)	STATION DESIGNATION CLAYTON
LONGITUDE 96° 20.90'W (1)	
ELEVATION 179.8 METERS (1)	COUNTRY/STATE USA/Oklahoma
REFERENCE CODE NUMBERS: ACIC 4670-1; IGB 11845C	ADOPTED GRAVITY VALUE: g= 979 568.59 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Clayton, on the southwest corner of the intersection of State Highway 2 and a dirt road, at the Clayton State Bank, on the outside of the building, at the northwest corner of the bank, on the sidewalk. Station marked by a "USAF Gravity" disc. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

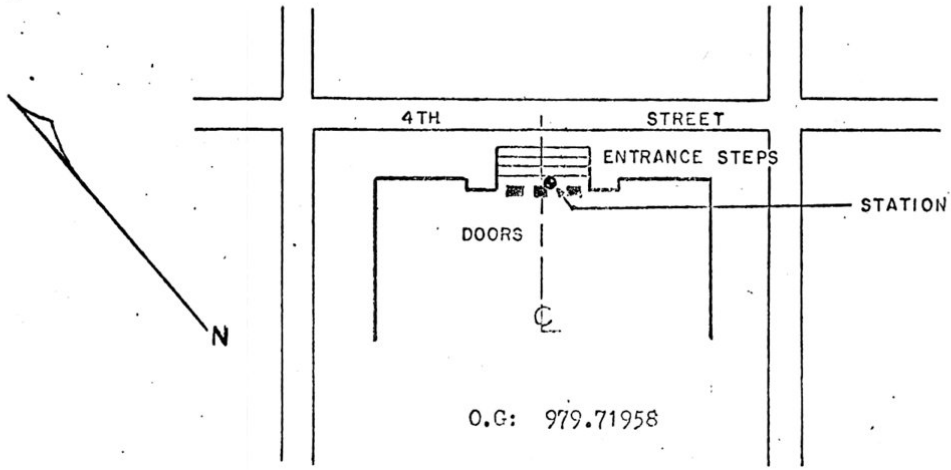
1582

GRAVITY BASE STATION

LATITUDE 35° 37.42'N (1)	STATION DESIGNATION OKMULGEE
LONGITUDE 95° 58.00'W (1)	
ELEVATION 670.08 METERS (1)	COUNTRY/STATE USA/Oklahoma
REFERENCE CODE NUMBERS: ACIC 4671-1; IGB 11855D	ADOPTED GRAVITY VALUE: g= 979 719.62 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is in Okmulgee, Oklahoma, at the US Post Office on 4th Street, at the main (northeast) entrance to the building, and on the top step to the building. It is exactly midway between the middle and southeastern door of the three entrance doors and 0.9 foot northeast of building wall. (1)



(1)

REFERENCE SOURCE

(1) 03405

1583

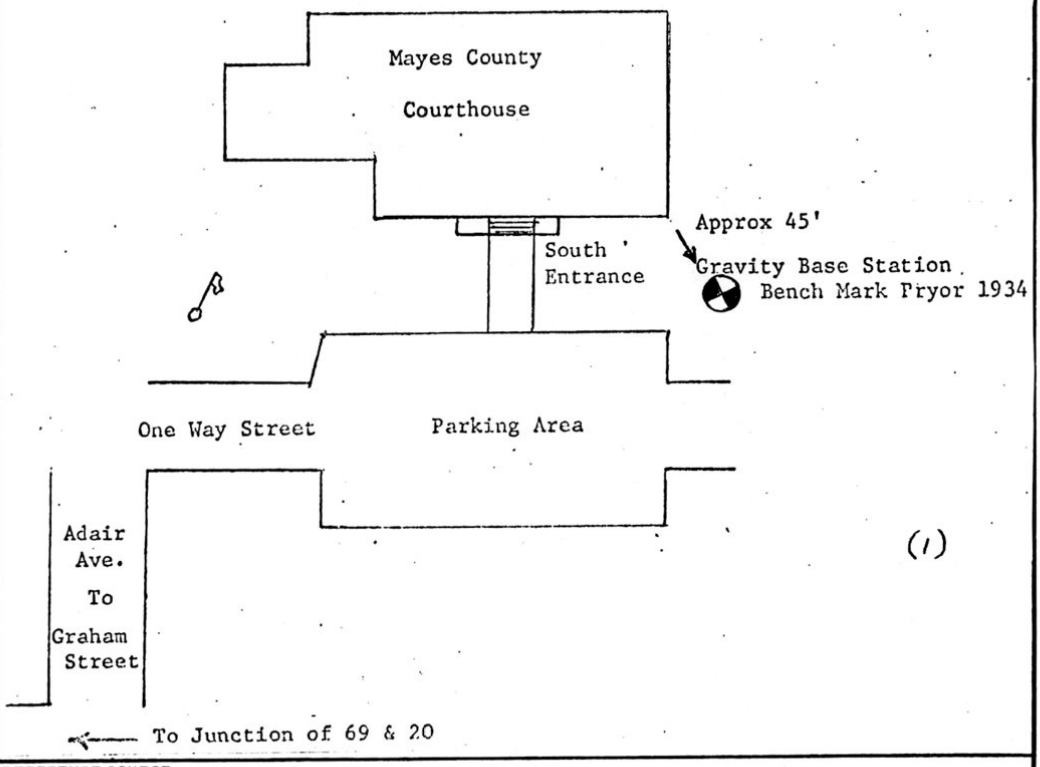
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 36° 18.50'N (1)	STATION DESIGNATION PRYOR
LONGITUDE 95° 19.00'W (1)	
ELEVATION 192.92 METERS (1)	COUNTRY/STATE USA/Oklahoma
REFERENCE CODE NUMBERS: ACIC 4672-1; IGB 11865E	ADOPTED GRAVITY VALUE: g= 979 789.55 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located at the Mayes County Courthouse, in Pryor. One block east along Graham Street from the junction of Highways 69 and 20; thence approximately 1/2 block north along Aclair Avenue at Benchmark "Pryor 1934", 45 feet east-southeast of the southeast corner of the courthouse, and approximately 45 feet north of the sidewalk. No USAF disc put down. (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

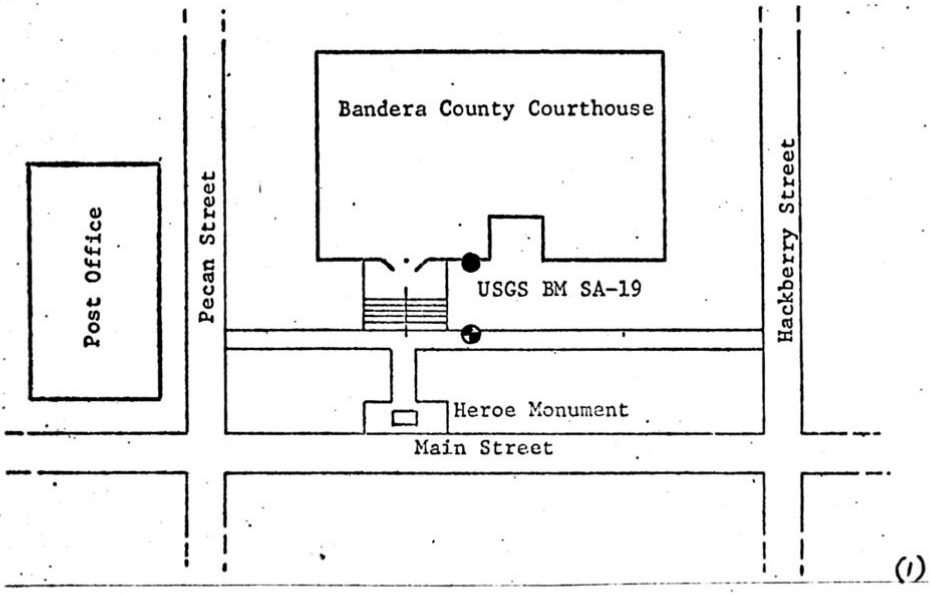
1584

GRAVITY BASE STATION

LATITUDE 29° 43.58'N (1)	STATION DESIGNATION BANDERA
LONGITUDE 99° 01.35'W (1)	
ELEVATION 385.6 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 4673-1	g= 979 203.98 mgals
IGB 08299C	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Bandera, Texas on Main Street, between Pecan and Hackberry Streets, at the Bandera County Court House, on the concrete walk southeast of the front steps, 3.8 feet below and 14 feet south of USGS BM SA-19 set in the front wall of the courthouse. The station is marked with a "USAF Gravity Station" disc. (1)



REFERENCE SOURCE

(1) 03405

1585

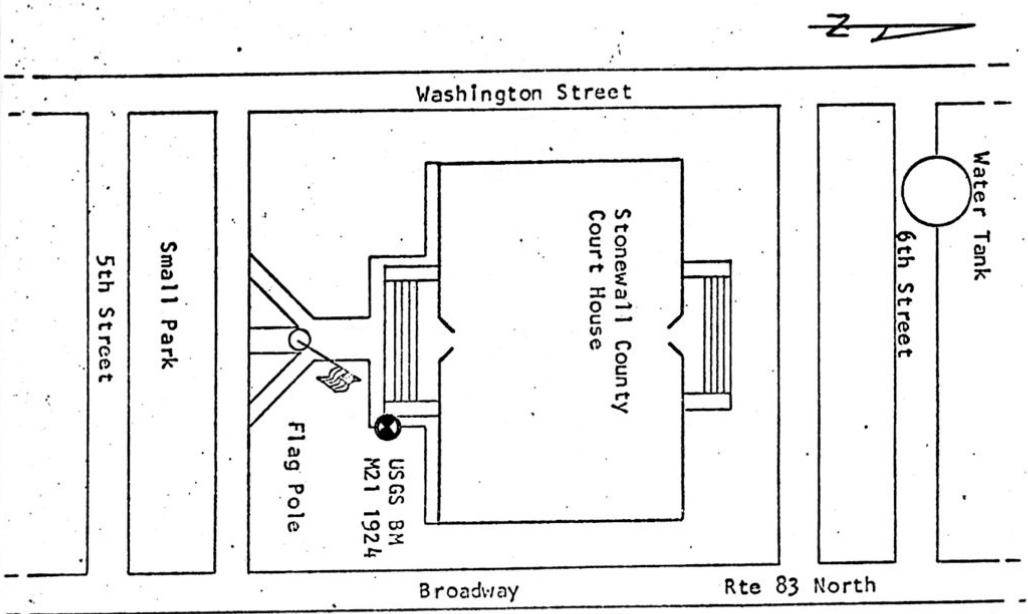
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 33° 08.38'N (1)	STATION DESIGNATION ASPERMONT
LONGITUDE 100° 13.72'W (1)	
ELEVATION 54.0 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 4674-1; IGB 11930C	ADOPTED GRAVITY VALUE: g= 979 381.55 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Station is located in the town of Aspermont at the Stonewall County Court House on the east wall of the steps to the south entrance. The station is marked with a "USAF Gravity Station" disc on a concrete walk 4 inches below a USGS BM M21 1924. (1)



(1)

REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 0-415

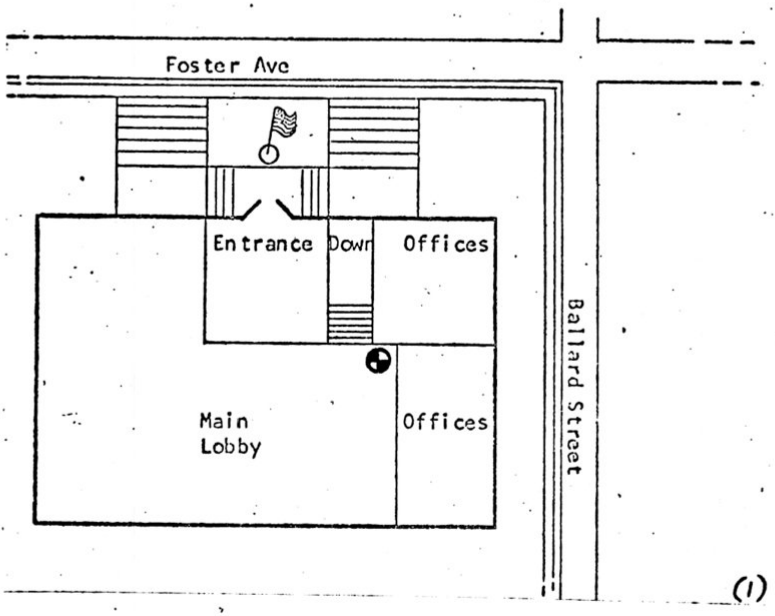
1586

GRAVITY BASE STATION

LATITUDE 35° 30.64'N (1)	STATION DESIGNATION PAMPA
LONGITUDE 100° 56.66'W (1)	
ELEVATION 987.4 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 4675-1; IGB 11950B	ADOPTED GRAVITY VALUE: g= 979 498.42 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE — MONTH/YEAR: 10/70

DESCRIPTION AND/OR SKETCH

The station is located at Pampa, Texas (Gray County) at the US Post Office at the corner of Foster Avenue and Ballard Street, in the extreme northeast corner of the large main lobby, and monumented with a standard "USAF Gravity Station" disc. (1)



REFERENCE SOURCE

(1) 03405

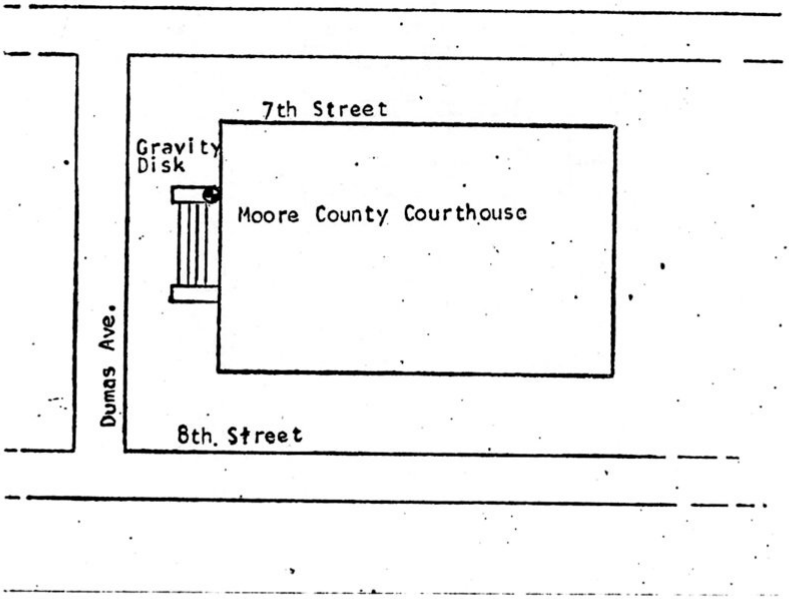
1587 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 35° 51.48'N (1)	STATION DESIGNATION DUMAS
LONGITUDE 101° 58.34'W (1)	
ELEVATION 1116.00 METERS (1)	COUNTRY/STATE USA/Texas
REFERENCE CODE NUMBERS: ACIC 4676-1; IGB 11951B	ADOPTED GRAVITY VALUE: g= 979 447.41 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located in Dumas, Texas, on Dumas Avenue, between 7th and 8th Street, at the court house, on the north side of the front steps, one foot from the wall, near a USC & GS BM. The station is a "USAF Gravity" disc. (1)



REFERENCE SOURCE

(1) 03405

ACIC HQ FORM FEB 69 O-415

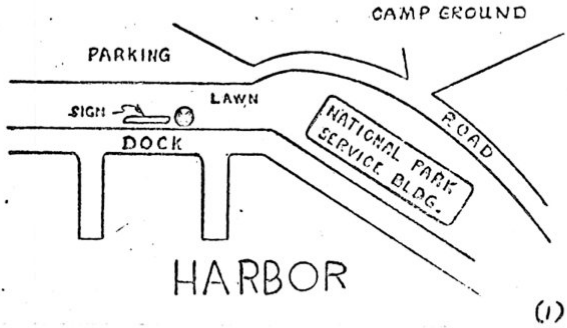
1588

GRAVITY BASE STATION

LATITUDE 35° 07.0'N (1)	STATION DESIGNATION OCRACOKE
LONGITUDE 75° 59.2'W (1)	
ELEVATION 2.0 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 4677-1	ADOPTED GRAVITY VALUE: g= 979 750.96 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals / DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located at Ocracoke, Ferry Landing. Meter read 3 feet east of sign. Sign reads: (Please keep harbor clean) (Place all waste in cans). (1)



REFERENCE SOURCE

(1) 03680

1589 ACIC HQ FORM FEB 69 0-415

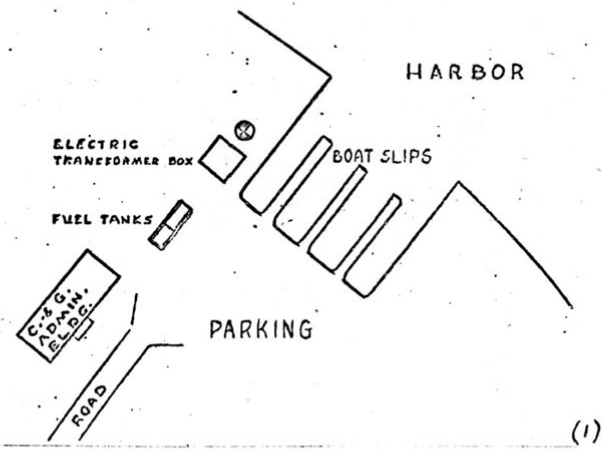
GRAVITY BASE STATION

LATITUDE 35° 13.2'N (1)	STATION DESIGNATION HATTERAS INLET
LONGITUDE 75° 41.7'W (1)	
ELEVATION 2.1 METERS (1)	COUNTRY/STATE USA/North Carolina

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4678-1		g= 979 765.25 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is at Hatteras Inlet Coast Guard Station. Meter read 3.5 feet northeast of blue electric transformer box. Windsock on pole on top of transformer box. (1)



(1)

REFERENCE SOURCE

(1) 03680

ACIC HQ FORM FEB 69 0-415

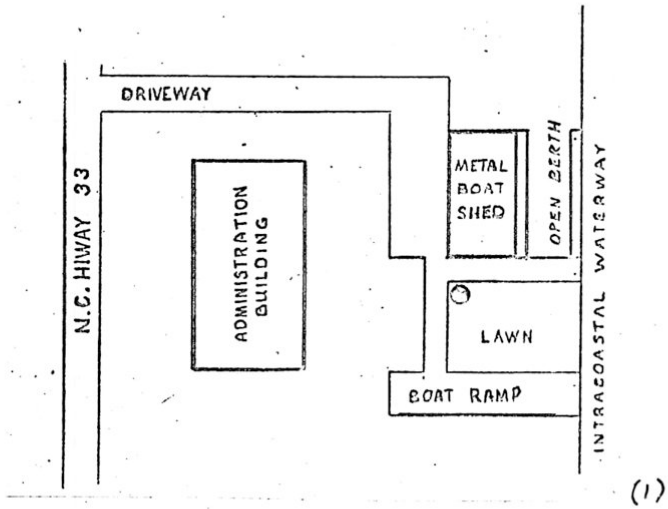
1590

GRAVITY BASE STATION

LATITUDE 35° 14.4'N (1)	STATION DESIGNATION HOBUCKEN
LONGITUDE 76° 35.6'W (1)	
ELEVATION 1.0 METERS (1)	COUNTRY/STATE USA/North Carolina
REFERENCE CODE NUMBERS: ACIC 4679-1	ADOPTED GRAVITY VALUE: g= 979 773.98 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located at Coast Guard Station, Hobucken, North Carolina. Meter was read 3 feet from corner formed by blacktop paving, approximately 10 feet from southwest corner of metal boatshed. (1)



(1)

REFERENCE SOURCE

(1) 03680

1591 ACIC HQ FORM FEB 60 0-415

GRAVITY BASE STATION

LATITUDE 46° 26.2'N (1)	STATION DESIGNATION WADENA
LONGITUDE 95° 08.2'W (1)	
ELEVATION 413.2 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4680-1	ADOPTED GRAVITY VALUE: g= 980 636.45 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

At Wadena, Wadena County, in the courthouse yard, 34 feet east of the southeast corner of the building, 18 feet south of the sidewalk leading to the building, and 6 feet west of the public sidewalk. A standard USC & GS disk, stamped "U62 1934" and set in the top of a concrete post. Gravity station is located on ground on east side of BM. (1)

REFERENCE SOURCE

(1) 03409

ACIC HQ FORM FEB 69 0-415

1592

GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
44° 51.8'N (1)	BURR
LONGITUDE	
96° 21.5'W (1)	
ELEVATION	**COUNTRY/STATE**
353.1 METERS (1)	USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4681-1		g= 980 512.05 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

8.0 miles north of Burr; near cor. secs 11, 12, 13 and 14, T 116 N, R 46 W; 33 feet north and 197 feet west of crossroads, 3 feet south and 3 feet east of power pole, 3 feet south of witness post with sign; a standard USGS tablet stamped "64 SEM 1965 1159" and set in concrete. Gravity station is on top of BM. (1)

REFERENCE SOURCE

(1) 03409

GRAVITY BASE STATION

LATITUDE 43° 37.1'N (1)	STATION DESIGNATION WORTHINGTON
LONGITUDE 95° 35.6'W (1)	
ELEVATION 485.49 METERS (1)	COUNTRY/STATE USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4682-1		g= 980 380.63 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Worthington, Nobles County, at the Chicago, St Paul & Omaha Railway yards, about 300 feet south of the passenger station, 157.5 feet southeast of the centerline of the main track, 20 feet south of the centerline of a dirt road, at the water treating tank, in the top of the northeast side of the solid concrete base, and about 1 foot above the ground. A standard USC & GS disk stamped "G 145 Reset 1936". Gravity station is on top of disk. (1)

REFERENCE SOURCE

(1) 03409

GRAVITY BASE STATION

LATITUDE 48° 42.7'N (1)	STATION DESIGNATION SPOONER
LONGITUDE 94° 35.1'W (1)	
ELEVATION 331.07 METERS (1)	COUNTRY/STATE USA/Minnesota
REFERENCE CODE NUMBERS: ACIC 4683-1	ADOPTED GRAVITY VALUE: g= 980 874.77 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Spooner, Lake of the Woods County, on State Highway 11, about 100 yards northwest of the former public school, 30 feet west of the centerline of a dirt road leading south, at the northeast corner of a private yard, 48 feet northeast of the northeast corner of the house, 37 feet south of the centerline of the highway, 2 feet south of the south sidewalk, and 1 foot west of a white wooden witness post. A standard USC & GS disk, stamped "A 44 1934" and set in the top of a concrete post. Gravity station is located on ground on west side of BM. (1)

REFERENCE SOURCE

(1) 03409

GRAVITY BASE STATION

LATITUDE 48° 08.8'N (1)	STATION DESIGNATION SEA GULL
LONGITUDE 90° 52.1'W (1)	
ELEVATION 443.5 METERS (1)	COUNTRY/STATE USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4684-1		g= 980 781.17 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

Northeast corner of road "T", northeast of Sea Gull Resort on east side of Sea Gull Lake, N 1/2 sec 5, T 65N, R4W. A standard USC & GS disk stamped "X216 1935" and set in the top of a concrete post flush with ground. Gravity station is located on top of BM.

(1)

REFERENCE SOURCE

(1) 03409

ACIC HQ FORM FEB 69 0-415

1596

GRAVITY BASE STATION

LATITUDE 48° 03.2'N (1)	STATION DESIGNATION ORR
LONGITUDE 92° 49.7'W (1)	
ELEVATION 397.52 METERS (1)	COUNTRY/STATE USA/Minnesota

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4685-1		g= 980 770.52 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 1/71

DESCRIPTION AND/OR SKETCH

At Orr, St Louis County, on the Duluth, Winnipeg and Pacific Railway, about 225 feet south of malepost 116, in front of the village hall, 81 feet east of the east rail, 62 feet south of the northwest fence corner of the village hall property, 30 feet west of the southwest corner of the village hall. A standard USC & GS disk, stamped "T 21 1933" and set in the top of a concrete post flush with the ground. Gravity station is on top of disk. (1)

REFERENCE SOURCE

(1) 03409

GRAVITY BASE STATION

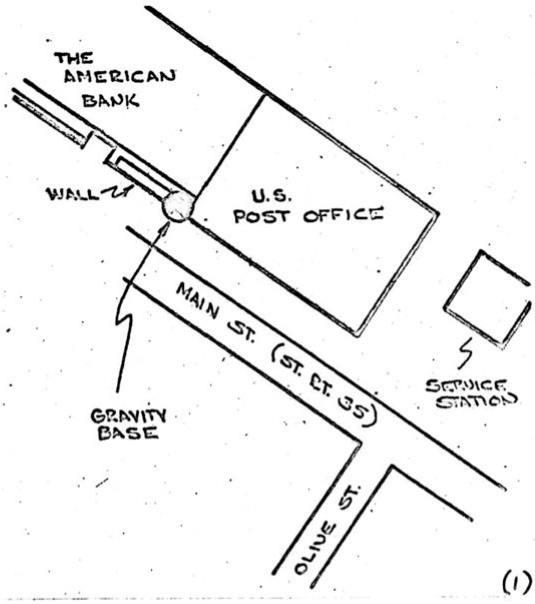
LATITUDE 44° 19.24'N (1)	STATION DESIGNATION ALMA
LONGITUDE 91° 54.90'W (1)	
ELEVATION 207.3 METERS (1)	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4686-1		g= 980 499.54 mgals	
IGB 15441B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Alma, Wisconsin, along Main Street (Wisconsin 35) at the US Post Office, at the southwest corner of the building on top of black marble wall surrounding a small flower bed at the American Bank building, where wall meets Post Office building wall.

(1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FED 69 0-415

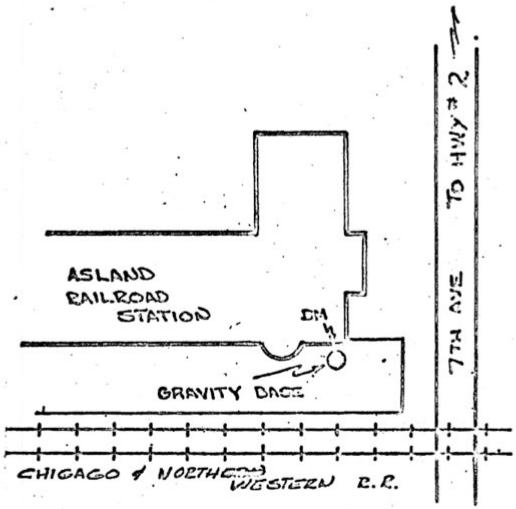
1598

GRAVITY BASE STATION

LATITUDE 46° 35.18'N (1)	STATION DESIGNATION ASHLAND
LONGITUDE 90° 53.32'W (1)	
ELEVATION 203.6 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS: ACIC 4687-1; IGB 15460B	ADOPTED GRAVITY VALUE: g= 980 647.79 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Ashland, along 7th Avenue between 4th and 6th Streets, at the Chicago and North Western Railway Station at the southeast side of the building and 6 feet from the east corner, on the brick platform directly under the USC & GS BM D16 1934. Station can be reached from intersection of US Route 2 and 7th Avenue by traveling southeast on 7th Avenue for four blocks. (1)



(1)

REFERENCE SOURCE

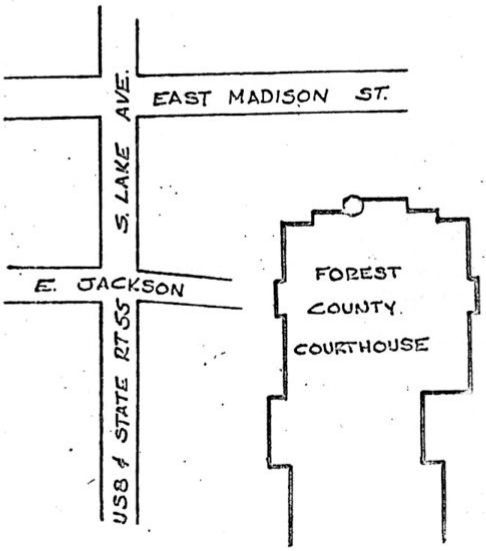
(1) 03447

GRAVITY BASE STATION

LATITUDE 45° 34.3'N (1)	STATION DESIGNATION CRANDON
LONGITUDE 88° 54.09'W (1)	
ELEVATION 496.8 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 4688-1	g= 980 533.94 mgals
IGB 15358B	
	ESTIMATED ACCURACY / DATE
	± 0.1 mgals / MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Crandon, Wisconsin at the intersection of South Lake Avenue (US Highway 8 and State Highway 55) and East Jackson Street, at the Forest County Courthouse at the north entrance on East Madison Street, in the entranceway west of the door in the center of the recessed west wall. To reach from the junction of US Highway 8 and State Highway 55, travel south on South Lake Avenue for four blocks to East Jackson Street. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 0-415

1600

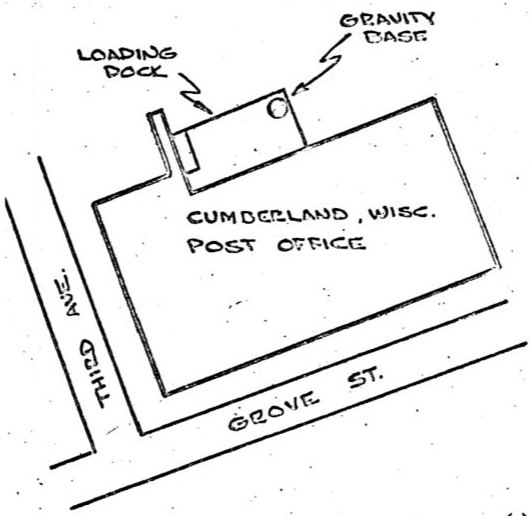
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
45° 32.12'N (1)	CUMBERLAND
LONGITUDE	
92° 01.36'W (1)	
ELEVATION	**COUNTRY/STATE**
379.5 METERS (1)	USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4689-1		g= 980 515.11 mgals	
IGB 15452B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Cumberland, near the intersection of Third Avenue and Grove Street at the Cumberland Post Office, on the loading dock at the rear entrance, about 2 inches from the front edge and 1 foot from the east wall. (1)



(1)

REFERENCE SOURCE

(1) 03447

1601 ACIC HQ FORM FEB 69 0-415

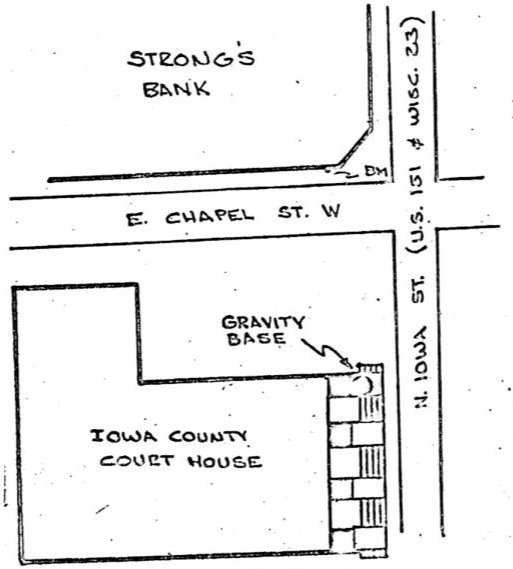
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
42° 57.73'N (1)	DODGEVILLE
LONGITUDE	
90° 07.81'W (1)	
ELEVATION	**COUNTRY/STATE**
372.8 METERS (1)	USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4690-1		g= 980 335.28 mgals	
IGB 15420B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located at Dodgeville, near the intersection of North Iowa Street (US Route 151 and State Route 23) and East Chapel Street W., at the Iowa County Courthouse, at the main entrance on Iowa Street, at the northernmost of four balustrades on top of the coping, at the north edge and one foot on center east of the base at the column. To reach station from Junction of US Route 18, 151, and State Route 23, travel south on State Route 23 for about 1 mile. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FED 69 0-415

1602

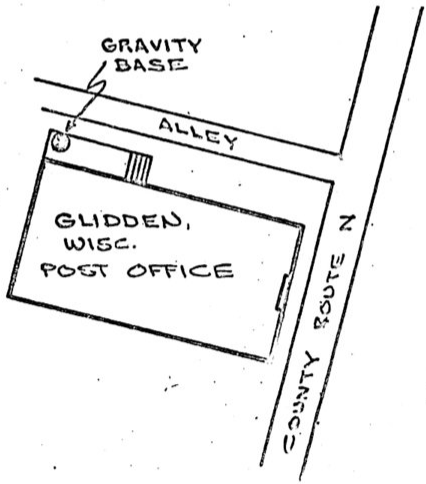
GRAVITY BASE STATION

LATITUDE	STATION DESIGNATION
46° 08.16'N (1)	GLIDDEN
LONGITUDE	
90° 34.5'W (1)	
ELEVATION	**COUNTRY/STATE**
472.4 METERS (1)	USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4691-1		g= 980 590.07 mgals	
IGB 15460B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Glidden, on County Route N, at the Glidden Post Office, on the small porch at the north side of the building, at the extreme northwest corner. Station can be reached from junction of State Highway 13 and County Route N by traveling north on Route N for about half a block. (1)



(1)

REFERENCE SOURCE

(1) 03447

1603 ACIC HQ FORM FED 69 0-415

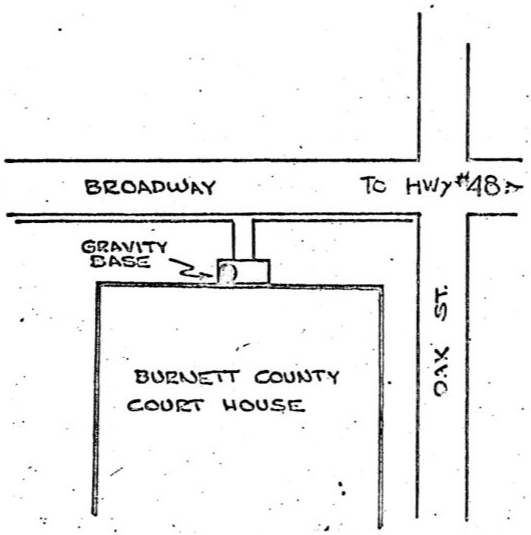
GRAVITY BASE STATION

LATITUDE 45° 46.64'N (1)	STATION DESIGNATION GRANTSBURG
LONGITUDE 92° 41.1'W (1)	
ELEVATION 278.9 METERS (1)	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4692-1		g= 980 676.97 mgals	
IGB 15452B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Grantsburg, near the intersection of Broadway and Oak Street, at the Burnett County Courthouse, at the main entrance, west of the door on the concrete slab, in the corner. Station can be reached from the junction of Wisconsin Routes 70 and 48 by traveling north on State Route 48 for about 0.33 mile to Broadway Street and then west one block. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FED 69 0-415

1604

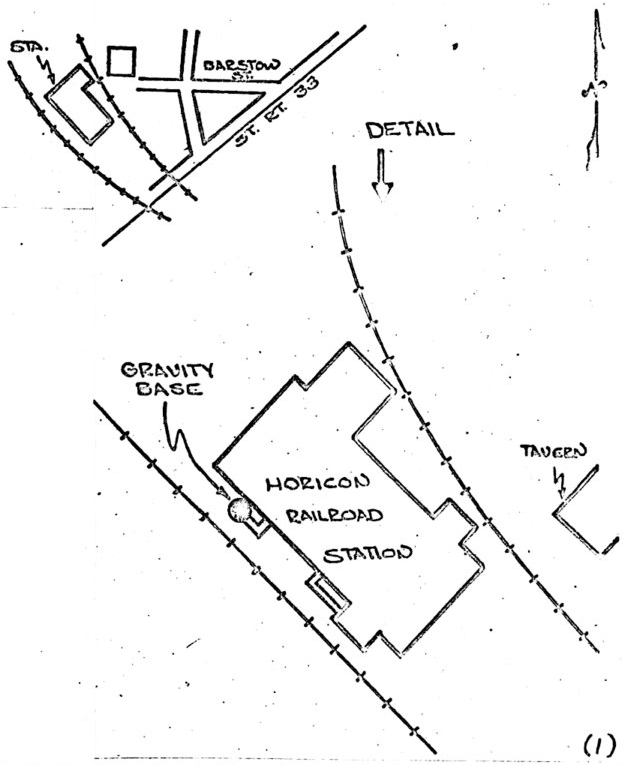
GRAVITY BASE STATION

LATITUDE 43° 26.92'N (1)	STATION DESIGNATION HORICON
LONGITUDE 88° 38.40'W (1)	
ELEVATION 269.0 METERS (1)	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4693-1		g= 980 395.29 mgals	
IGB 15338B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located at Horicon, Wisconsin near the intersection of Barstow Street and State Route 33, at the Horicon Railroad Station, at the southwest side of the building at the southwest corner of the bottom step of the entrance to the waiting room. Meter read over BM embedded in the step. (1)



REFERENCE SOURCE

(1) 03447

1605 ACIC HQ FORM FED 69 0-415

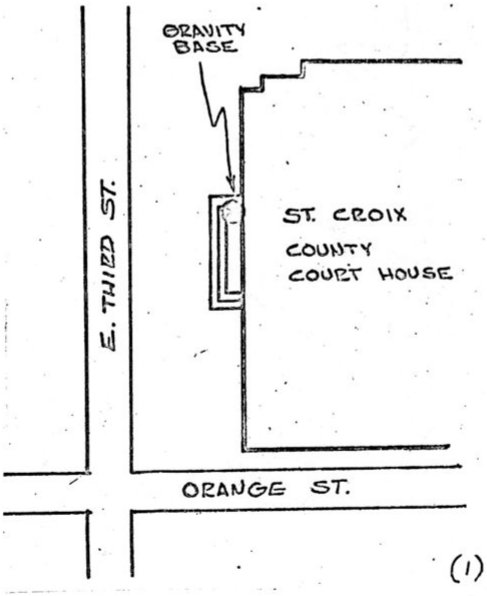
GRAVITY BASE STATION

LATITUDE 44° 58.78'N (1)	STATION DESIGNATION HUDSON
LONGITUDE 92° 45.22'W (1)	
ELEVATION 231.8 METERS (1)	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4694-1		g= 980 574.46 mgals	
IGB 15442B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Hudson, Wisconsin near the intersection of Third and Orange Street at the St Croix County Courthouse, at the west main entrance fronting on East 3rd Street, north of the door, on the second step, about 3 inches from the balustrade and directly below the BM. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 O-415

1606

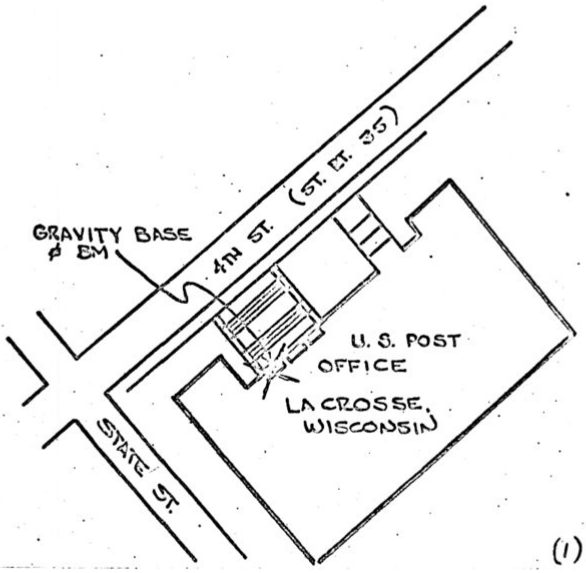
GRAVITY BASE STATION

LATITUDE 43° 48.81'N (1)	STATION DESIGNATION LA CROSSE
LONGITUDE 91° 15.00'W (1)	
ELEVATION 207.0 METERS (1)	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4695-2		g= 980 447.54 mgals	
IGB 15431B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in La Crosse, Wisconsin at the intersection of Fourth (Wisconsin 35) and State Street at the US Post Office at the Fourth Street entrance, in the corner on the door step south of the southernmost door. (1)



(1)

REFERENCE SOURCE

(1) 03447

1607 ACIC HQ FORM FEB 69 0-415

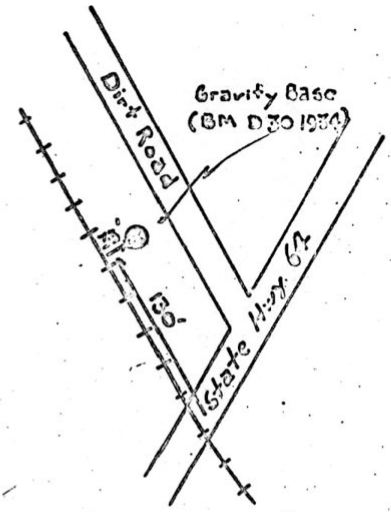
GRAVITY BASE STATION

LATITUDE 45° 11.2'N (1)	STATION DESIGNATION LANGLADE
LONGITUDE 88° 45.7'W (1)	
ELEVATION 408.2 METERS (1)	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4696-1		g= 980 488.43 mgals	
IGB 15358B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located west of Langlade, Wisconsin along State Highway 64, 1.5 miles from the junction of State Highways 64 and 55, at the intersection of Highway 64 and the Minneapolis, St Paul and Sault Ste. Marie RR, about 33 feet east and about 130 feet north of the intersection between the railroad track and dirt road leading north, between yellow highway right of way post and telephone pole. Meter was read on top of BM. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 0-415

1608

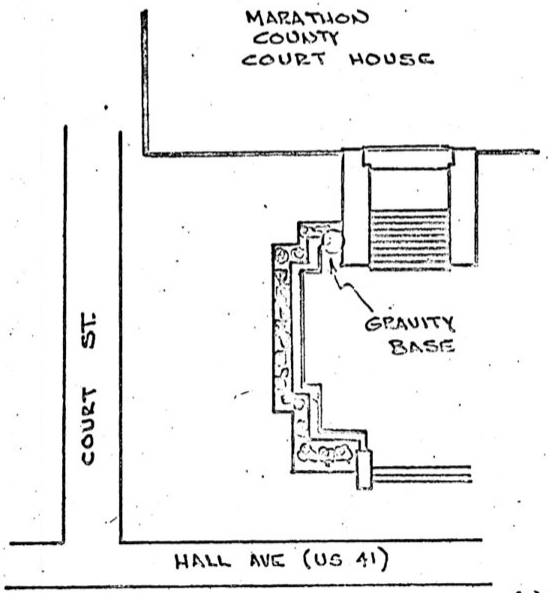
GRAVITY BASE STATION

LATITUDE 45° 06.0'N (1)	STATION DESIGNATION MARINETTE
LONGITUDE 87° 38.0'W (1)	
ELEVATION 182.9 METERS (1)	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4697-1		g= 980 528.95 mgals	
IGB 15357B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Marinette, near the intersection of Court Street and Hall Avenue (US Route 41), at the Marathon County Court House, west of the main entrance on the granite wall inclosing the samll courtyard, where the wall meets the west balustrade, about 6 inches from the balustrade. (1)



(1)

REFERENCE SOURCE

(1) 03447

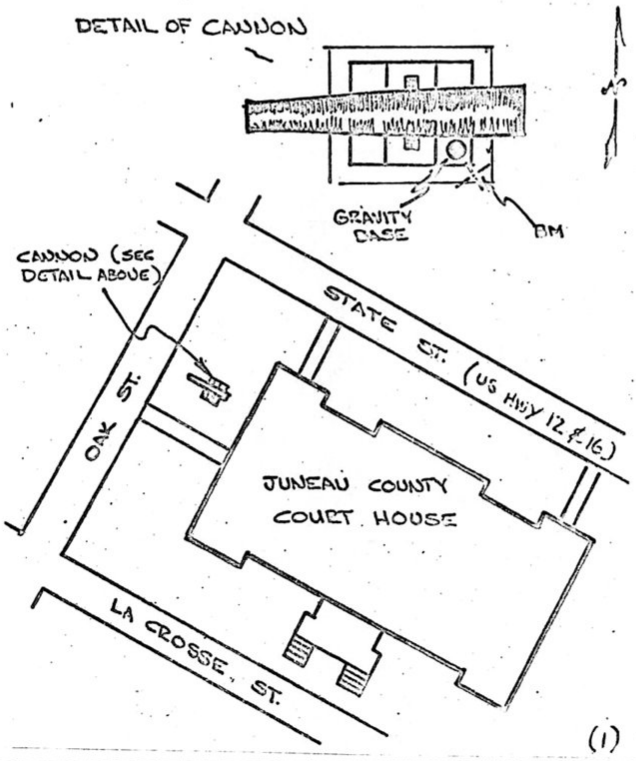
1609 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 47.76'N (1)	STATION DESIGNATION MAUSTON
LONGITUDE 90° 04.54'W (1)	
ELEVATION 270.0 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS: ACIC 4698-1; IGB 15430B	ADOPTED GRAVITY VALUE: g= 980 399.89 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Mauston, Wisconsin near the intersection of State and Oak Street at the Juneau County Court House, near the northwest side of the building at the old cannon at the southeast corner of the cannon pedestal, directly above the USC & GS BM. (1)



REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FED 69 0-415

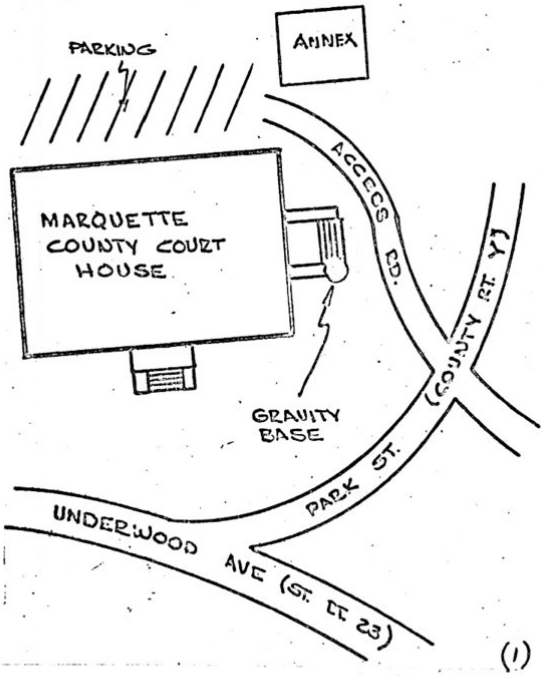
1610

GRAVITY BASE STATION

LATITUDE 43° 47.58'N (1)	STATION DESIGNATION MONTELLO
LONGITUDE 89° 19.78'W (1)	
ELEVATION 244.6 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS: ACIC 4699-1; IGB 15339B	ADOPTED GRAVITY VALUE: g= 980 394.42 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Montello, Wisconsin near the intersection of Underwood Avenue (Wisconsin 23) and Park Street at the Marquette County Court House, at the east entrance, south of the door, on the top and extreme front of the small balustrade. (1)



REFERENCE SOURCE

(1) 03447

1611 ACIC HQ FORM FED 69 0-415

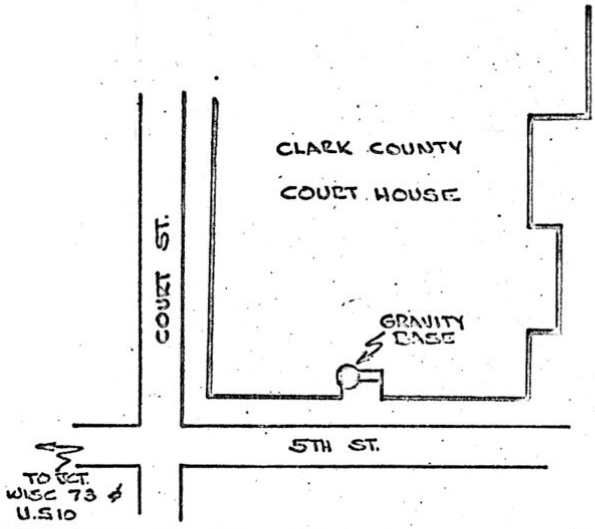
GRAVITY BASE STATION

LATITUDE 44° 33.60'N (1)	STATION DESIGNATION NEILLSVILLE
LONGITUDE 90° 35.64'W (1)	
ELEVATION 323.1 METERS (1)	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4700-1		g= 980 470.35 mgals	
IGB 15440B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Neillsville, near the intersection of Court and Fifth Streets, at the Clark County Court House, at the south entranceway on Fifth Street, west of the door in the corner. To reach station from the junction of State Route 73 and US Route 10, travel east on Fifth Street one block. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 0-415

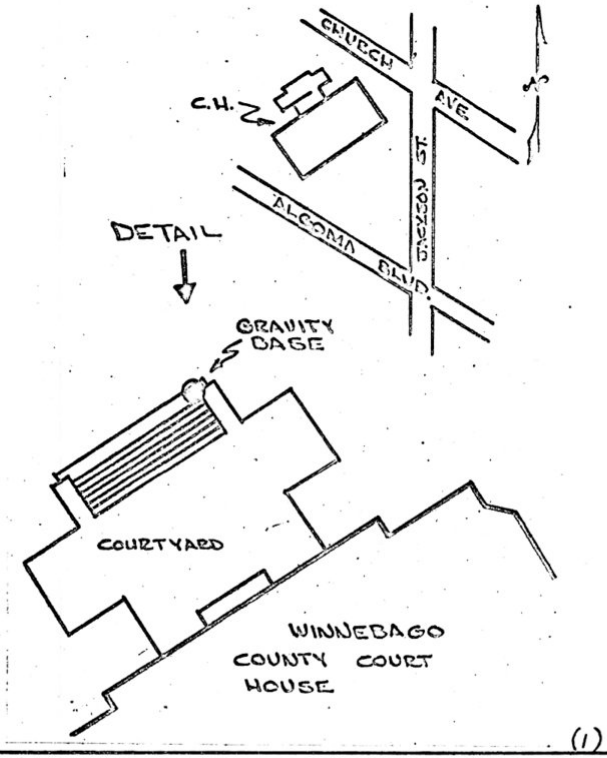
1612

GRAVITY BASE STATION

LATITUDE 44° 01.26'N (1)	STATION DESIGNATION OSHKOSH
LONGITUDE 88° 32.56'W (1)	
ELEVATION 233.2 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS: ACIC 4701-1; IGB 15348B	ADOPTED GRAVITY VALUE: g= 980 434.72 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Oshkosh, Wisconsin near the intersection of Jackson Street (US Business 41) and Algoma Boulevard, at the Winnebago County Court House at the northwest entrance, at the steps leading to the built-up courtyard, on the bottom step in front of the northeast balustrade. (1)



(1)

REFERENCE SOURCE

(1) 03447

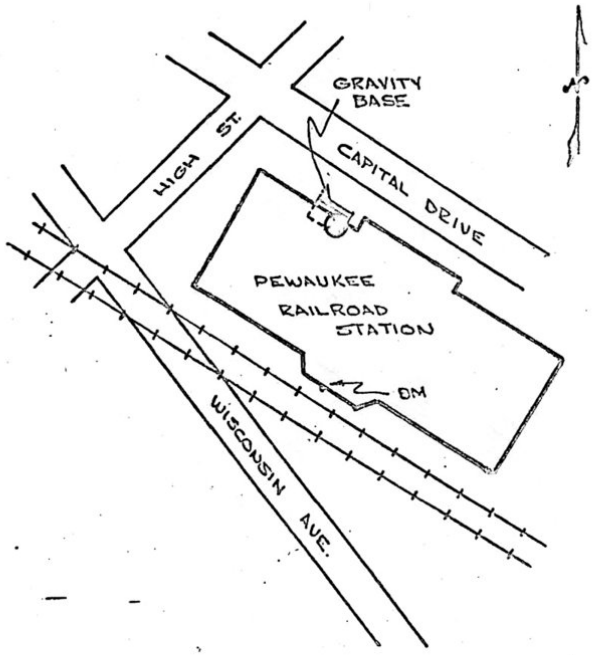
1613 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 05.15'N (1)	STATION DESIGNATION PEWAUKEE
LONGITUDE 88° 15.85'W (1)	
ELEVATION 260.9 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS: ACIC 4702-1; IGB 15338B	ADOPTED GRAVITY VALUE: g= 980 367.27 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Pewaukee, Wisconsin, near the intersection of High Street and Capital Drive, at the Chicago, Milwaukee, St Paul, and Pacific RR Station. Meter read on the north side of the station near the northwest corner of building, on the east side of the top step of the boarded-up entranceway. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FED 49 0-415

1614

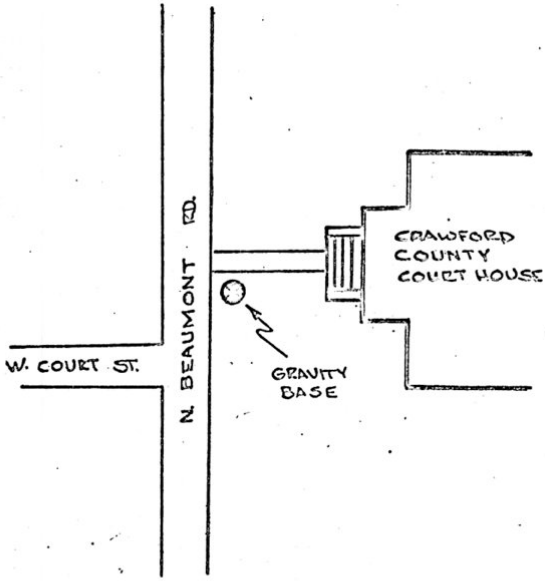
GRAVITY BASE STATION

LATITUDE 43° 03.26'N (1)	STATION DESIGNATION PRAIRIE DU CHIEN
LONGITUDE 91° 08.8'W (1)	
ELEVATION 196.3 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS: ACIC 4703-1; IGB 15431B	ADOPTED GRAVITY VALUE: g= 980 390.69 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Prairie Du Chien, near the intersection of North Beaumont Road and West Court Street, at the Crawford County Court House, at the west entrance on Beaumont Road, 99 feet west of the steps, 8 feet south of the sidewalk leading to courthouse set on top of USC & GS BM P. Du Chien No 2 1933.

To reach station from Junction of US Route 18, State Route 35 and State Route 27, travel west of US Route 18 for four blocks and then north on Beaumont Road for 2 1/2 blocks. (1)



(1)

REFERENCE SOURCE

(1) 03447

1615

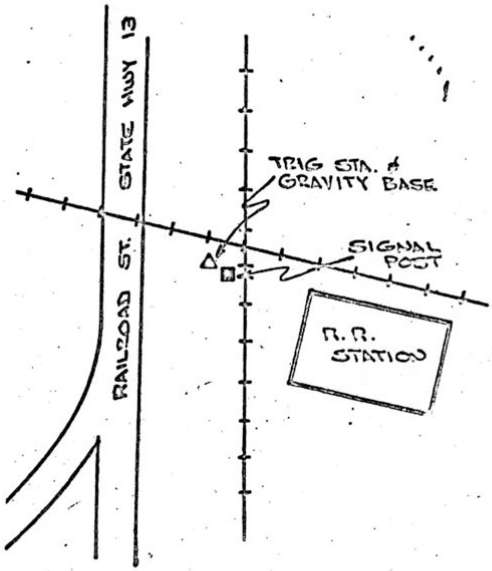
ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 45° 32.4'N (1)	STATION DESIGNATION PRENTICE
LONGITUDE 90° 17.2'W (1)	
ELEVATION 470.3 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS: ACIC 4704-1; IGB 15450B	ADOPTED GRAVITY VALUE: g= 980 562.53 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located at Prentice, along State Route 13, at the Minneapolis, St Paul and Sault St Marie Railroad Station, at the junction of two tracks in the southwest quadrant, about 4 feet nrothwest of a signal post. Meter read on top of triangulation station "Prentice 1921". (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 0-415

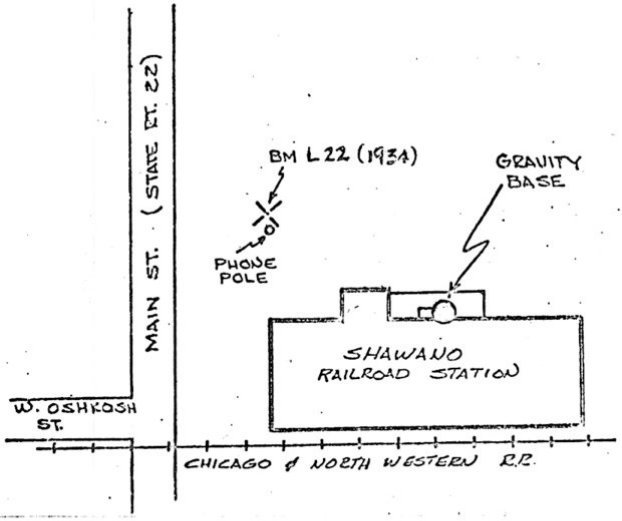
1616

GRAVITY BASE STATION

LATITUDE 44° 46.4'N (1)	STATION DESIGNATION SHAWANO
LONGITUDE 88° 36.48'W (1)	
ELEVATION 250.5 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS: ACIC 4705-2; IGB 15348B	ADOPTED GRAVITY VALUE: g= 980 498.81 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals
	DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Shawano near the intersection at Main Street (State Route 22) and West Oshkosh Street, at the Chicago and Northwestern Railroad Station at the north side of the building, at the door to the waiting room, at the southeast corner of the concrete slab. Station can be reached from the junction of State Route 29 and 22 (Main Street) by traveling south on Wisconsin Route 22 for six blocks. (1)



(1)

REFERENCE SOURCE

(1) 03447

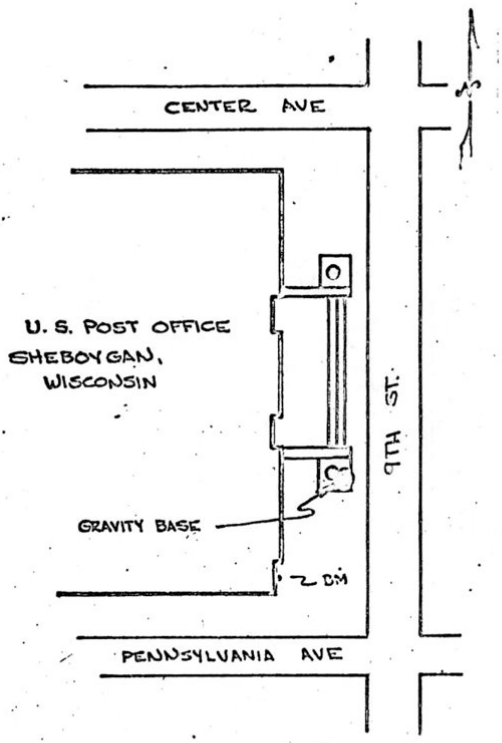
1617 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 43° 45.03'N (1)	STATION DESIGNATION SHEBOYGAN
LONGITUDE 87° 42.90'W (1)	
ELEVATION 192.3 METERS (1)	COUNTRY/STATE USA/Wisconsin
REFERENCE CODE NUMBERS: ACIC 4706-1; IGB 15337B	ADOPTED GRAVITY VALUE: g= 980 440.84 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Sheboygan, Wisconsin, along 9th Street between Pennsylvania and Center Avenues, at the US Post Office, at the 9th Street entrance, south of the door, on top of the stone balustrade, east of the light post and edge of the balustrade. To reach from the junction of US Highway 23, travel east on Highway 23 to North 14th Street and then four blocks south and then four blocks east on Pennsylvania Avenue to 9th Street. (1)



(1)

REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 O-415

1618

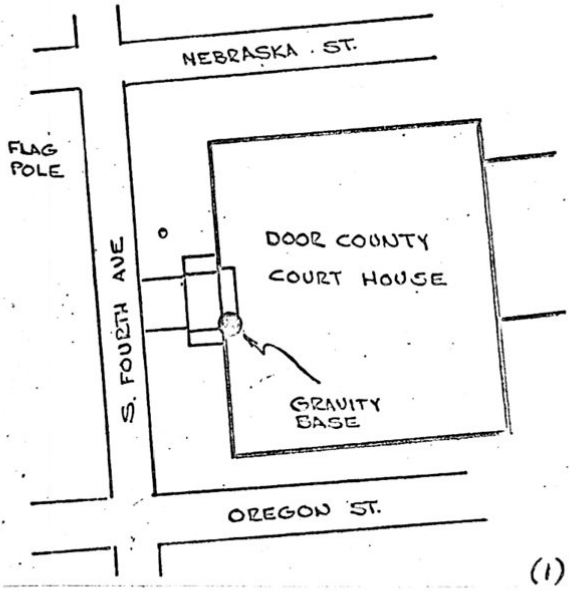
GRAVITY BASE STATION

LATITUDE 44° 50.02'N (1)	STATION DESIGNATION STURGEON BAY
LONGITUDE 87° 22.4'W (1)	
ELEVATION 184.4 METERS (1)	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4707-1		g= 980 527.77 mgals	
IGB 15347B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located at Sturgeon Bay, near the intersection of Nebraska Street, and South Fourth Avenue, at the Door County Court House, in the entranceway at the main entrance on South Fourth Avenue, south of the center door and in the corner. To reach station from intersection of State Route 57 and 3rd Avenue, follow 3rd Avenue southeast for 4 blocks and then northeast on Nebraska for one block. (1)



(1)

REFERENCE SOURCE

(1) 03447

1619 ACIC HQ FORM FEB 69 0-415

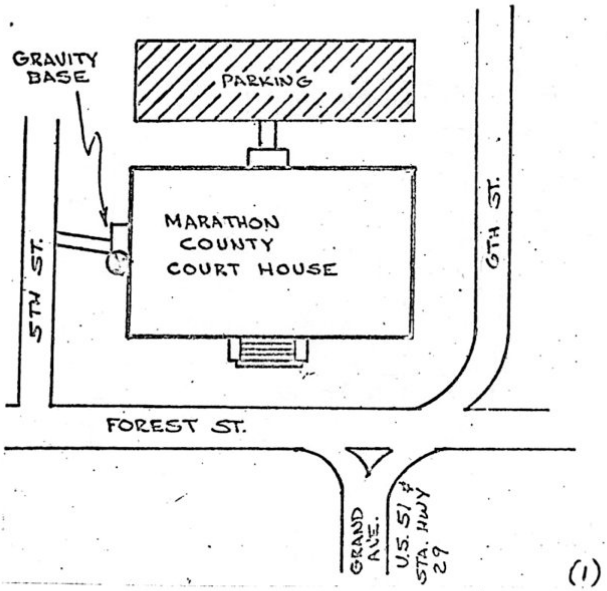
GRAVITY BASE STATION

LATITUDE 44° 57.45'N (1)	STATION DESIGNATION WAUSAU
LONGITUDE 89° 37.5'W (1)	
ELEVATION 371.9 METERS (1)	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4708-1		g= 980 472.70 mgals	
IGB 15349B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Wausau, near the intersection of Grand Avenue (State Route 29 and US Route 51) and Forest Street, at the Marathon County Court House, at the west entrance fronting on 5th Street, south of the door, in the corner. (1)



REFERENCE SOURCE

(1) 03447

ACIC HQ FORM FEB 69 0-415

1620

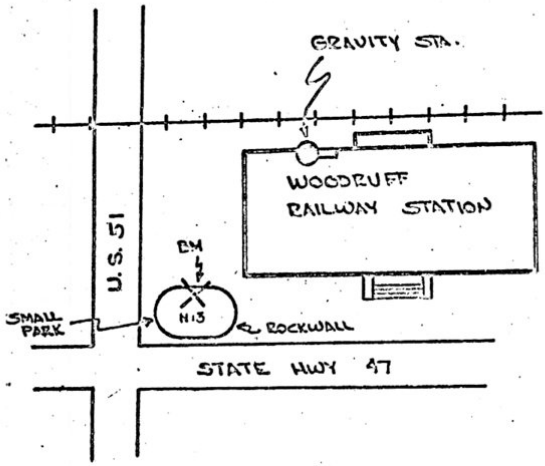
GRAVITY BASE STATION

LATITUDE 45° 53.8'N (1)	STATION DESIGNATION WOODRUFF
LONGITUDE 89° 41.88'W (1)	
ELEVATION 491.0 METERS (1)	COUNTRY/STATE USA/Wisconsin

REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4709-1		g= 980 575.98 mgals	
IGB 15359B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Station is located in Woodruff, Wisconsin at the junction of US Highway 51 and State Highway 47, at the Woodruff Railway Station, at the north entrance to the waiting room, in the doorway on the step, in the west corner. (1)



(1)

REFERENCE SOURCE

(1) 03447

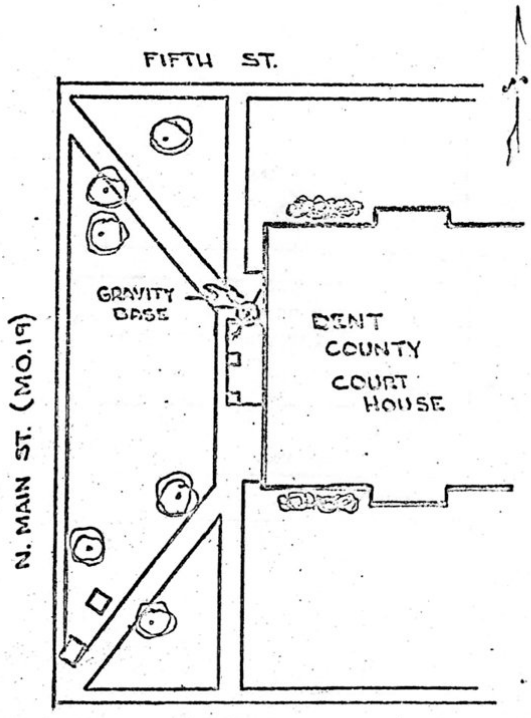
1621 ACIC HQ FORM FEB 69 0-415

GRAVITY BASE STATION

LATITUDE 37° 38.7'N (1)	STATION DESIGNATION SALEM
LONGITUDE 91° 32.1'W (1)	
ELEVATION 360.3 METERS (1)	COUNTRY/STATE USA/Missouri
REFERENCE CODE NUMBERS: ACIC 4718-1; IGB 11871B	ADOPTED GRAVITY VALUE: g= 979 872.25 mgals
	ESTIMATED ACCURACY: ± 0.1 mgals; DATE: MONTH/YEAR 1/72

DESCRIPTION AND/OR SKETCH

Station is located in Salem, Missouri at the Dent County Court House on the southeast corner of the intersection of Main St (Mo 19) and Fifth St. Observations made over the USGS BM, 8 ft north of the west entrance to the court house on top of the first step. (1)



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APPENDIX A.1

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APPENDIX B

ABBREVIATION LIST

ACIC	AERONAUTICAL CHART AND INFORMATION CENTER
AFCRL	AIR FORCE CAMBRIDGE RESEARCH LABORATORIES
APCS	AIR PHOTOGRAPHIC AND CHARTING SERVICE
B	BUREAU OF MINERAL RESOURCES (AUSTRALIA)
C	CHAPMAN - CALIFORNIA DIVISION OF MINES AND GEOLOGY
CGI	COMMISSIONE GEODETICA ITALIANA, ROMA
D	DEUTSCHE SCHWERE ARKIV
DGFI	DEUTSCHES GEODATISCHES FORSCHUNGS INSTITUT
DMAAC	DEFENSE MAPPING AGENCY AEROSPACE CENTER (FORMERLY ACIC)
DO	DOMINION OBSERVATORY, CANADA
DOD	DEPARTMENT OF DEFENSE
DSIR	DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, WELLINGTON (NEW ZEALAND)
EACL	EURO-AFRICAN CALIBRATION LINE
EASCL	EURO-AFRICAN SECONDARY CALIBRATION LINE
ECL	EUROPEAN CALIBRATION LINE
FCL	FRENCH CALIBRATION LINE
FGI	FINNISCHES GEODATISCHES INSTITUT, HELSINKI
FOWGN	FIRST ORDER WORLD GRAVITY NET
GGS	GHANA GEOLOGICAL SURVEY
GITH	GEODATISCHES INSTITUT DER TECHNISCHEN HOCHSCHULE, HANNOVER
GSI	GEOGRAPHICAL SURVEY INSTITUTE, TOKYO
GW	WOOLLARD PENDULUM SITE (UNIV OF WISCONSIN)
IA	IOWA GEOLOGICAL SURVEY
IAG	INTERNATIONAL ASSOCIATION OF GEODESY (ASSOCIATION INTERNATIONALE DE GEODESIE)
IACS	INTER AMERICAN GEODETIC SERVICE
IFN	ITALIAN FUNDAMENTAL NET
IGB	INTERNATIONAL GRAVITY BUREAU (I.U.G.G.) (BUREAU GRAVIMETRIQUE INTERNATIONALE)
IGC	INTERNATIONAL GRAVITY COMMISSION (COMMISSIONE GRAVIMETRIQUE INTERNATIONALE)
IGCE	INSTITUTO GEOGRAFICO Y CATASTRAL DE ESPANA
IGS	INSTITUTE OF GEOLOGICAL SCIENCES, LONDON
LGO	LAMONT GEOLOGICAL OBSERVATORY
MW	WOOLLARDS SPAIN SURVEY (UNIV. OF WISCONSIN)
NACL	NORTH AMERICAN CALIBRATION LINE
NGO	NORGES GEOGRAFISKE OPPMALING, OSLO

NHO	U.S. NAVAL OCEANOGRAPHIC OFFICE
OGS	OSSERVATORIO GEOFISICO SPERIMENTALE, TRIESTE
ORSTOM	OFFICE DE LA RECHERCHE SCIENTIFIQUE ET TECHNIQUE OUTRE-MER, PARIS
RAK	RIKETS ALLMANNA KARTVERK (GEOGRAPHICAL SURVEY OFFICE OF SWEDEN)
SI	SURVEY OF INDIA
U	U.S. COAST AND GOEDETIC SURVEY
UNAM	UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO
WA	WOOLLARD AIRPORT SITE (UNIV OF WISCONSIN)
WH	WOOLLARD HARBOR SITE (UNIV OF WISCONSIN)
WHOI	WOODS HOLE OCEANOGRAPHIC INSTITUTE
WU	WOOLLARD UNIVERSITY SITE (UNIV OF WISCONSIN)

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