



CROSS REFERENCE LIST  
UNITED STATES

WYOMING

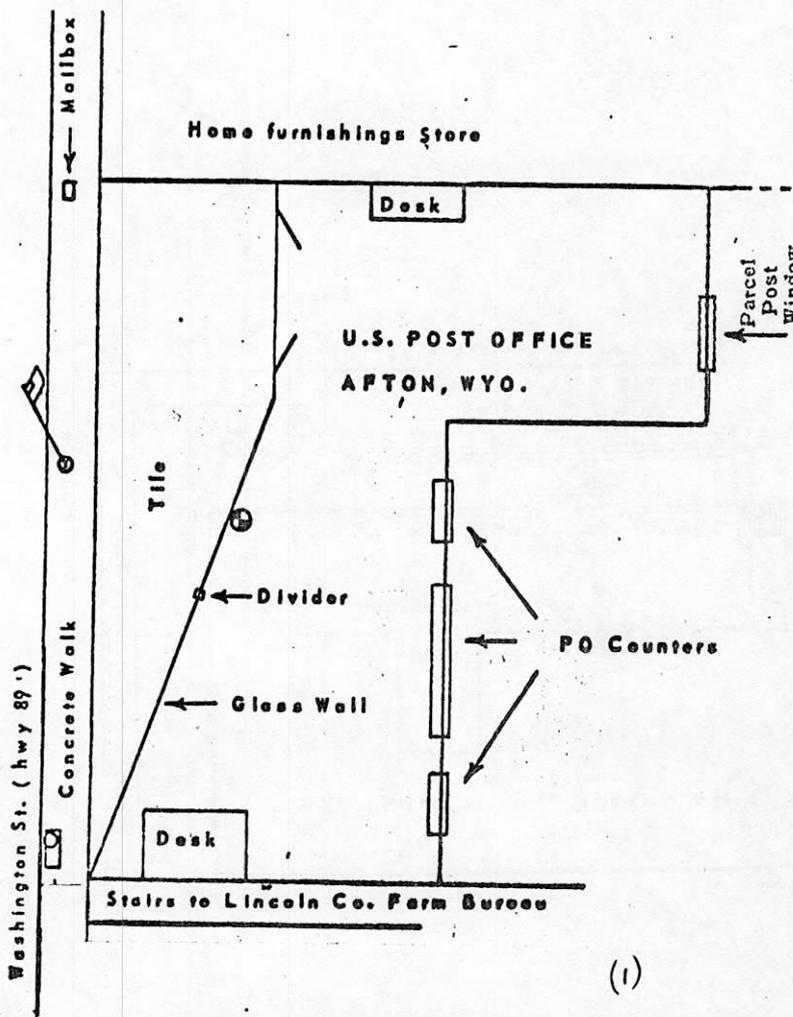
STATION DESIGNATION	DOD REF NO	IGSN 71 G-VALUE
AFTON	1649-1	979 824.78
ATLANTIC CITY	0585-1	979 717.20
RUFFALO	0663-1	980 100.50
CASPER	0511-0	979 941.33
CHEYENNE	0512-1	979 686.19
CODY	1651-1	980 063.51
COKEVILLF	1652-1	979 757.52
DANIEL	0738-1	979 739.20
DOUGLAS	0039-1	979 938.62
DUBOIS	1653-1	979 854.86
FDEN	0776-1	979 701.09
FNCAMPMENT	1654-1	979 622.35
FVANSTON	4008-1	979 625.70
JACKSON	2151-2	979 886.24
KIRBY	0548-1	980 065.56
LAMAR RANGER STATION	0545-1	980 006.09
LANDER	0632-2	979 900.34
LARAMIE	1657-1	979 668.78
LILY LAKE	0544-1	979 989.18
MAYOWORTH	0547-1	980 057.21
MEDICINE BOW	1658-1	979 714.73
MEETEESF	1659-1	979 992.60
MIDWEST	0664-2	980 037.76
NFWCASTLF	0649-1	980 128.80
OPAL	0421-1	979 697.00
ROCK SPRINGS	0588-1	979 727.66
SHERIDAN	0510-1	980 212.14
SHOSHONI	1661-1	979 934.96
SQUAW HOLLOW	0786-1	979 668.02
SUN RANCH	0361-1	979 874.09
SUNDANCE	1662-1	980 169.15
SWEETWATER STATION	0322-1	979 821.73
WEST THUMB	1664-1	979 861.09
WHEATLAND	2044-1	979 913.79

## GRAVITY BASE STATION

LATITUDE <span style="font-size: 1.2em;">42° 44.00'N</span> (1)	STATION DESIGNATION AFTON	
LONGITUDE <span style="font-size: 1.2em;">110° 56.00'W</span> (1)	COUNTRY/STATE USA/Wyoming	
ELEVATION <span style="font-size: 1.2em;">1869</span> METERS (1)	ADOPTED GRAVITY VALUE $g = 979\ 838.51$ mgals	
REFERENCE CODE NUMBERS ACTC 1619-1 IGB 15620B	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



### GRAVITY BASE STATION

LATITUDE <span style="float: right;">(1)</span> $44^{\circ} 18.8'N$	STATION DESIGNATION BUFFALO	
LONGITUDE <span style="float: right;">(1)</span> $106^{\circ} 41.3'W$		
ELEVATION <span style="float: right;">(1)</span> $1445$ METERS	COUNTRY/STATE USA/Wyoming	
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACTC 0663-1	$g = 980\ 114.2$ mgals	
U 368		
	ESTIMATED ACCURACY	DATE
	$\pm 0.6$ 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

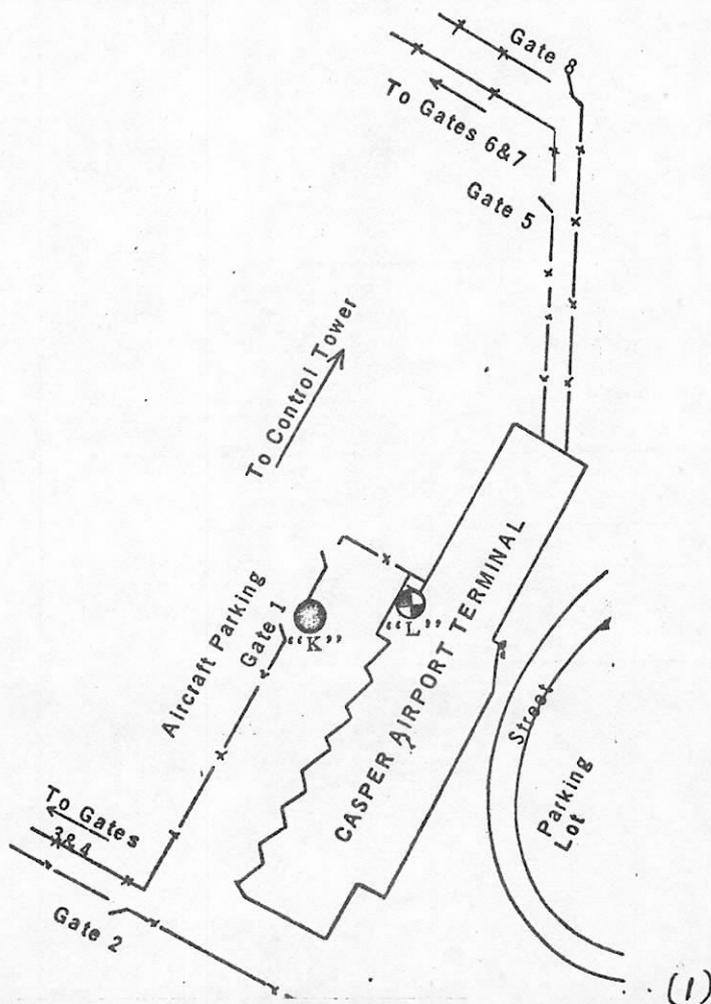
## GRAVITY BASE STATION

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



**REFERENCE SOURCE**

(1) 02733

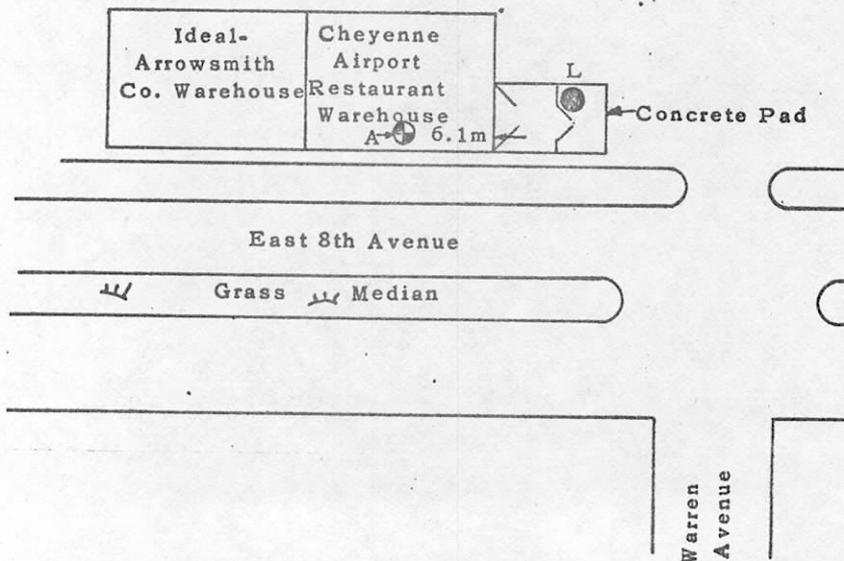
## GRAVITY BASE STATION

LATITUDE <b>41° 10.2'N</b> (1)	STATION DESIGNATION		
LONGITUDE <b>104° 48.6'W</b> (1)	CHEYENNE		
ELEVATION <b>1878.5</b> METERS (1)	COUNTRY/STATE USA/Wyoming		
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACTC 0512-1		$g = 979\ 699.95$	mgals
IGB 15511A			
GW 38			
DO 9644-63		ESTIMATED ACCURACY	DATE
		$\pm 0.1$ 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**

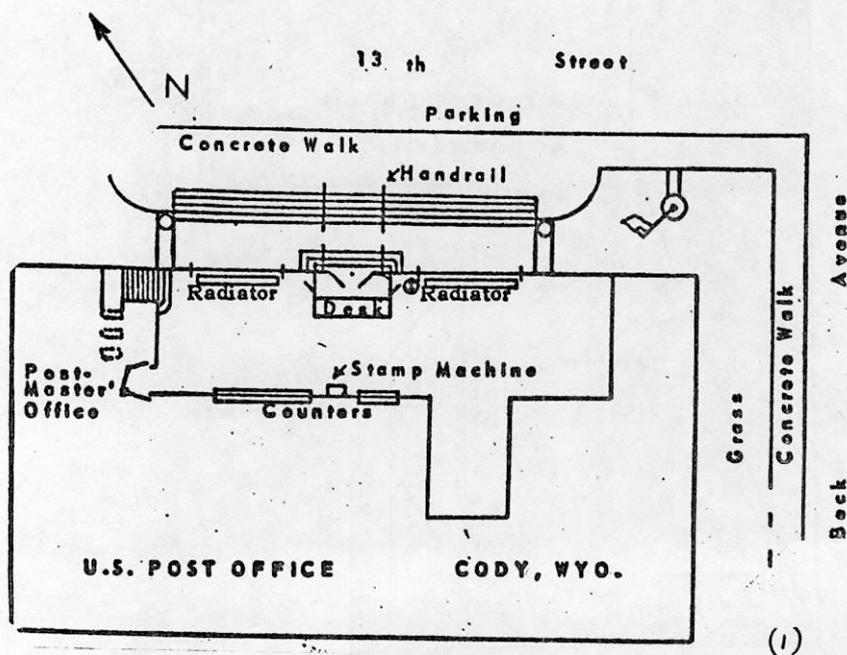
(1) 02733

## GRAVITY BASE STATION

LATITUDE	44° 32.00'N (1)	STATION DESIGNATION	
LONGITUDE	109° 03.00'W (1)	CODY	
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)



**REFERENCE SOURCE**

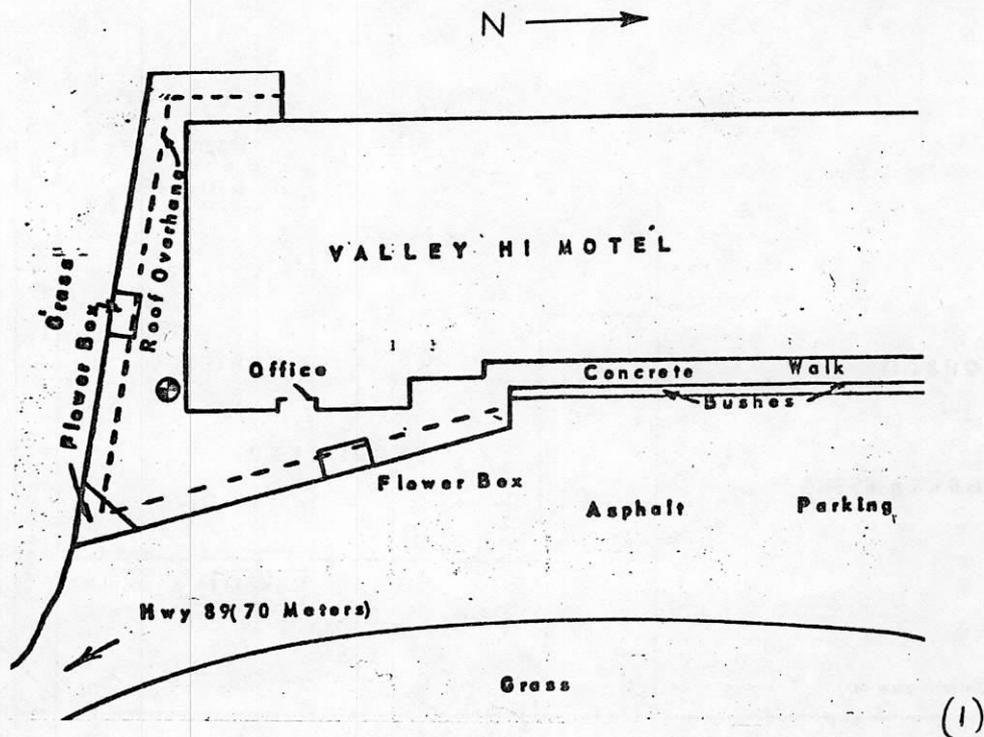
(1) 05110

## GRAVITY BASE STATION

LATITUDE	42° 05.00'N	(1)	STATION DESIGNATION	
LONGITUDE	110° 57.00'W	(1)	COKEVILLE	
ELEVATION	1886	METERS (1)	COUNTRY/STATE	
			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)



**REFERENCE SOURCE**

(1) 05110

### 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		ADOPTED GRAVITY VALUE
ACIC 0738-1	g = 979 752.9 mgals	
U 1063		
		ESTIMATED ACCURACY
		DATE
		MONTH/YEAR
		± 0.6 mgals
		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	42° 45.0'N	(1)	STATION DESIGNATION	
LONGITUDE	105° 21.1'W	(1)	DOUGLAS	
ELEVATION	1182.85	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

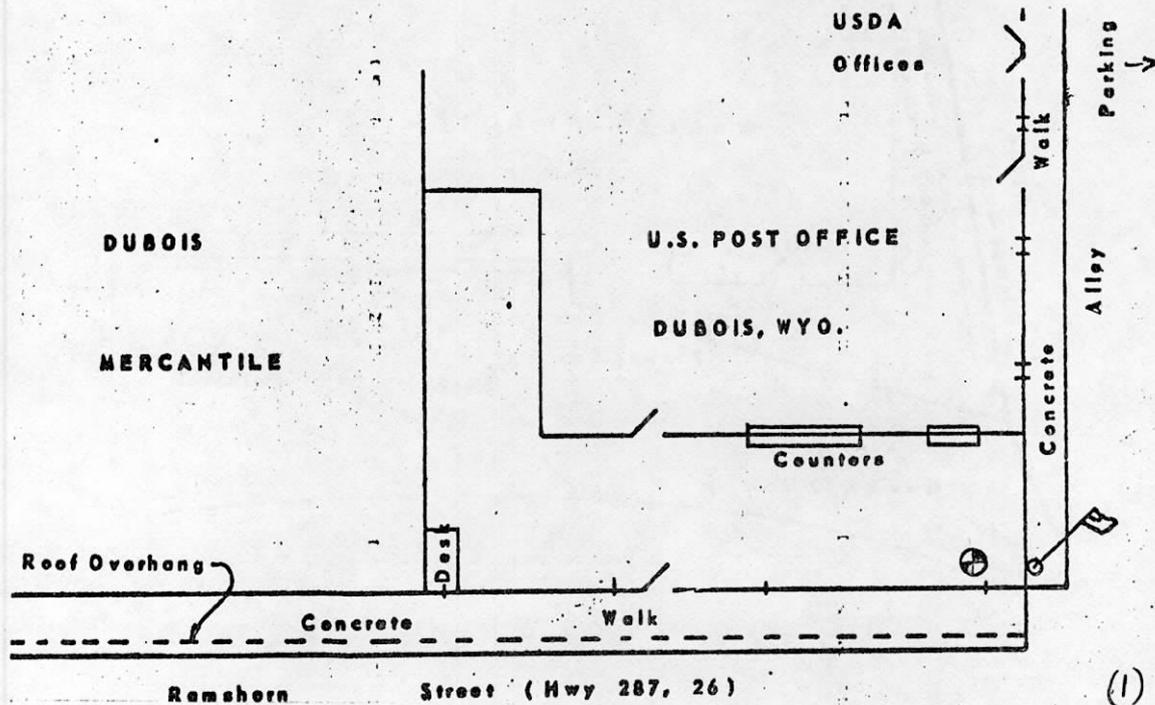
(1) 00415

## GRAVITY BASE STATION

LATITUDE <b>43° 32.00'N</b> (1)	STATION DESIGNATION <b>DUBOIS</b>	
LONGITUDE <b>109° 38.00'W</b> (1)		
ELEVATION <b>2108</b> METERS	COUNTRY/STATE <b>USA/Wyoming</b>	
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
<b>AGIC 1653-1</b>	$g = 979\ 868.59$	mgals
<b>IGB 15539B</b>		
	ESTIMATED ACCURACY	DATE
	<b>+ 0.1</b> mgals	MONTH/YEAR <b>Jan/1968</b>

**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)



**REFERENCE SOURCE**

(1) 05110

### GRAVITY BASE STATION

LATITUDE <div style="text-align: right; padding-right: 20px;">41° 57.46'N (1)</div>	STATION DESIGNATION  EDEN	
LONGITUDE <div style="text-align: right; padding-right: 20px;">109° 21.78'W (1)</div>		
ELEVATION <div style="text-align: right; padding-right: 20px;">2081.8 METERS (1)</div>	COUNTRY/STATE 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**

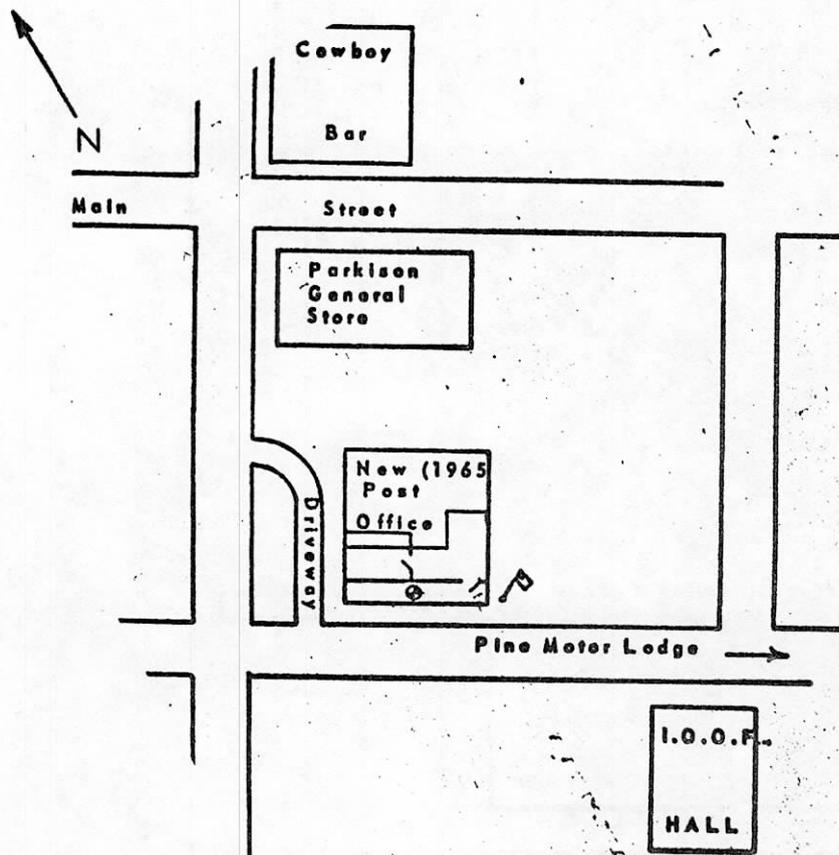
(1) 04099

## GRAVITY BASE STATION

LATITUDE	41° 12.37'N (1)	STATION DESIGNATION	
LONGITUDE	106° 47.52'W (1)	ENCAMPMENT	
ELEVATION	2278.7 METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1654-1		g = 979 636.08	mgals
IGB 15516E			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	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**

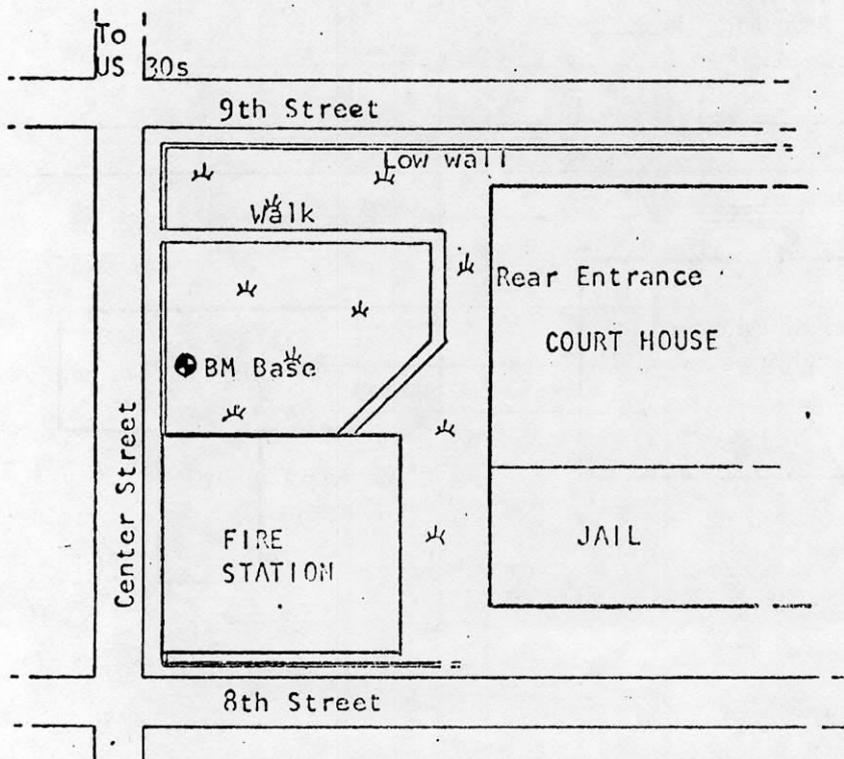
(1) 05110

### GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">41° 14.2 (1)</div>	STATION DESIGNATION <div style="text-align: center;">EVANSTON</div>	
LONGITUDE <div style="text-align: center;">110° 57.9'W. (1)</div>		
ELEVATION <div style="text-align: center;">2058.6 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/Wyoming</div>	
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**

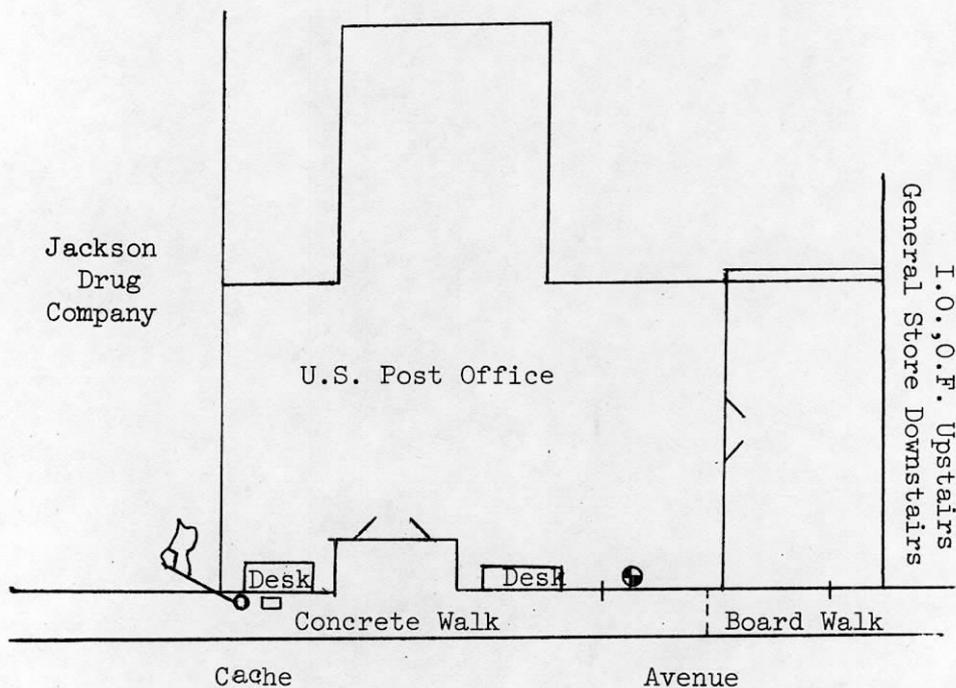
(1) 03405

## GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
43° 27.50'N (1)		JACKSON	
LONGITUDE			
110° 46.00'W (1)		COUNTRY/STATE	
1892 METERS (1)		USA/Wyoming	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 02151-2		g = 979 899.97 mgals	
IGB 15630B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	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

### GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">43° 44.10'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">KIRBY</div>	
LONGITUDE <div style="text-align: center;">108° 10.55'W (1)</div>		
ELEVATION <div style="text-align: center;">1315.2 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/Wyoming</div>	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 0548-1		$g =$ 980 079.26      mgals
HUS 510		
		ESTIMATED ACCURACY
		±      0.3      mgals
		DATE
		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

### GRAVITY BASE STATION

LATITUDE <div style="text-align: right; padding-right: 20px;">44° 53.05'N (1)</div>	STATION DESIGNATION <div style="text-align: center; padding-top: 10px;">LAMAR RANGER STATION</div>		
LONGITUDE <div style="text-align: right; padding-right: 20px;">110° 13.20'W (1)</div>			
ELEVATION <div style="text-align: right; padding-right: 20px;">1996.7 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center; padding-top: 5px;">USA/Wyoming</div>		
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0545-1		g = 980 019.79 mgals	
HUS 529			
		ESTIMATED ACCURACY	DATE
		± 0.3 mgals	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**

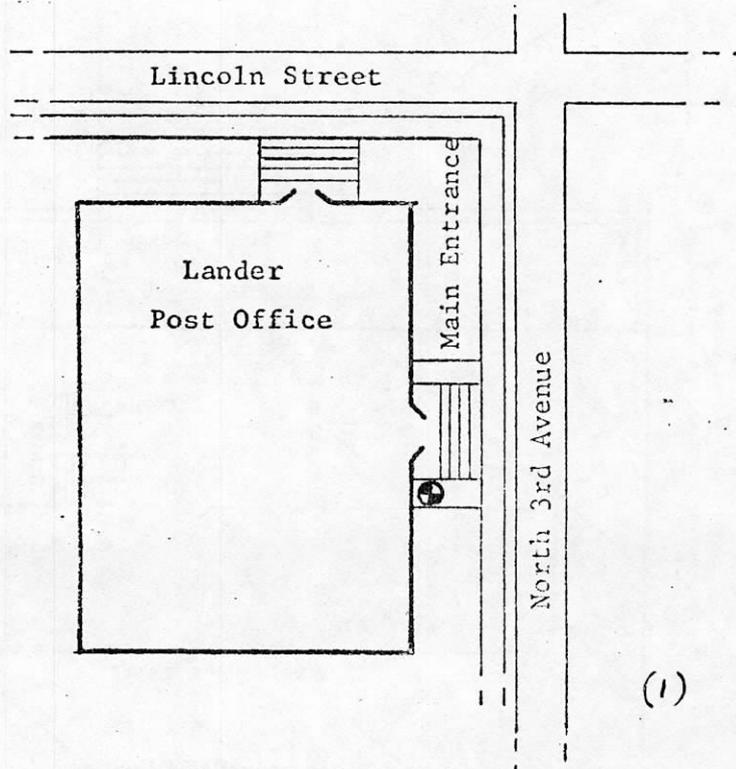
(1) 04099

### GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">42° 49.30'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">LANDER</div>
LONGITUDE <div style="text-align: center;">108° 43.72'W (1)</div>	
ELEVATION <div style="text-align: center;">1631.56 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/Wyoming</div>
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0632-2	g = 979 914.06 mgals
IGB 15528B	
	ESTIMATED ACCURACY
	DATE
	MONTH/YEAR
	± 0.1 mgals
	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**

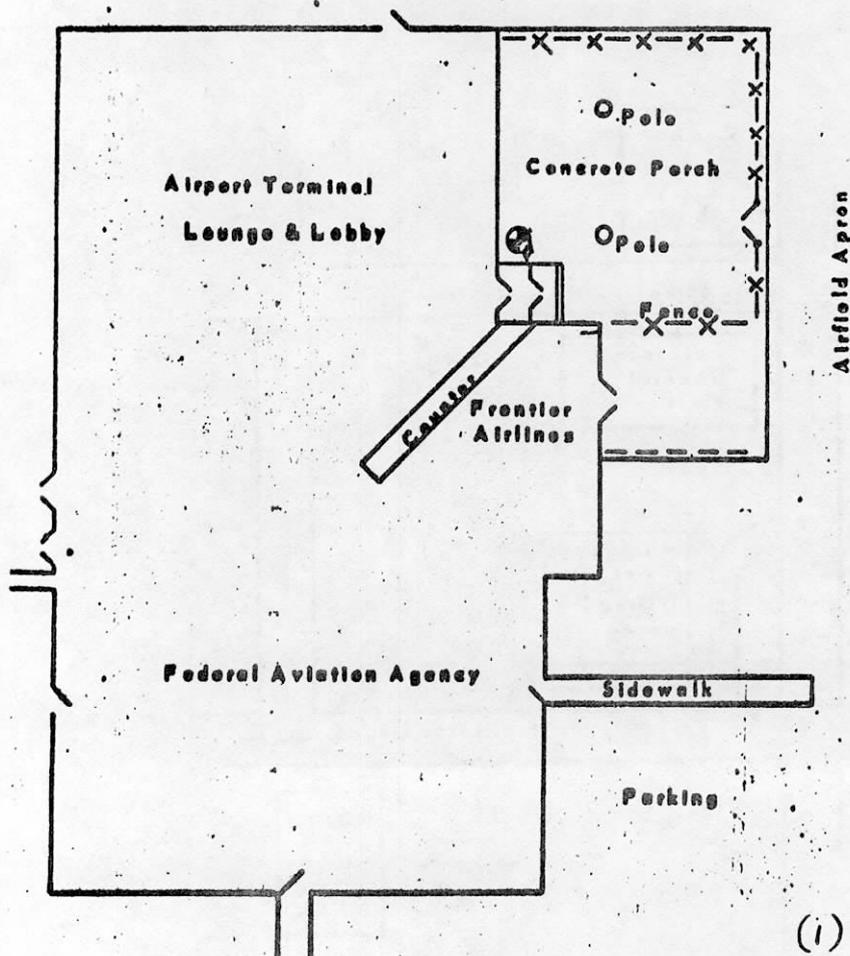
(1) 03405

## GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
41° 19.00'N (1)		LARAMIE	
LONGITUDE			
105° 40.00'W (1)		COUNTRY/STATE	
ELEVATION		USA/Wyoming	
2217 METERS (1)			
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIG 1657-1 IGB 15515K		g = 979 682.51 mgals	
		ESTIMATED ACCURACY	DATE
		+ 0.1 mgals	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

### GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">44° 55.75'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">LILY LAKE</div>	
LONGITUDE <div style="text-align: center;">109° 42.55'W (1)</div>		
ELEVATION <div style="text-align: center;">2230.8 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/Wyoming</div>	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 0544-1		g= 980 002.88 mgals
HUS 533		
		ESTIMATED ACCURACY
		± 0.3 mgals
		DATE
		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

### GRAVITY BASE STATION

LATITUDE <div style="text-align: right; padding-right: 20px;">43° 57.80'N (1)</div>	STATION DESIGNATION <div style="text-align: center; padding-top: 10px;">MAYOWORTH</div>	
LONGITUDE <div style="text-align: right; padding-right: 20px;">106° 40.73'W (1)</div>		
ELEVATION <div style="text-align: right; padding-right: 20px;">1484.4 METERS (1)</div>	COUNTRY/STATE USA/Wyoming	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 0547-1		$g =$ 980 070.91      mgals
HUS 583		
		ESTIMATED ACCURACY
		± 0.3 mgals
		DATE
		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

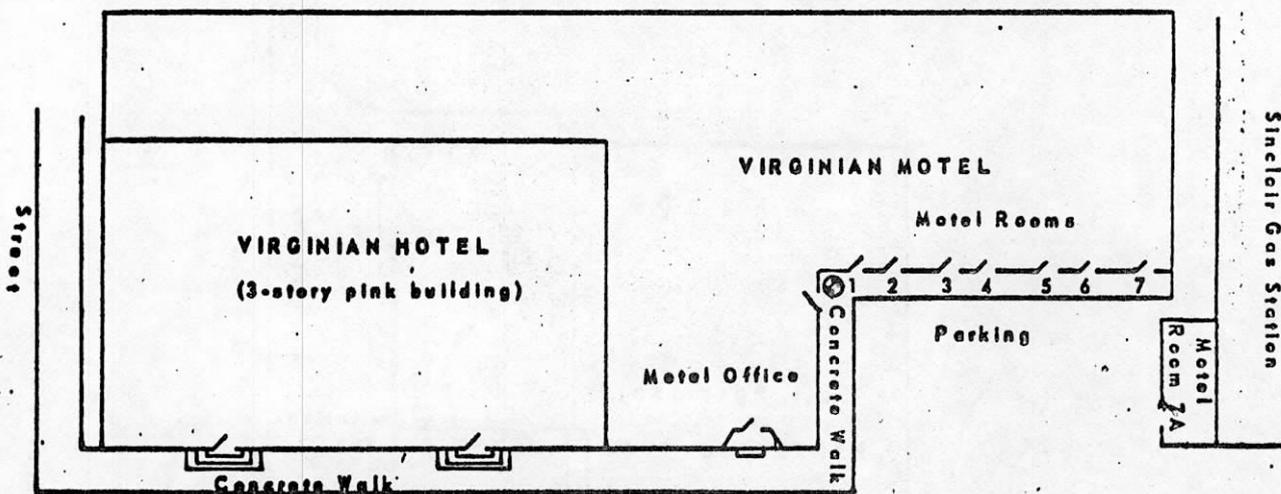
7/61

## GRAVITY BASE STATION

LATITUDE	41° 54.00'N	(1)	STATION DESIGNATION	
LONGITUDE	106° 11.50'W	(1)	MEDICINE BOW	
ELEVATION	2000	METERS (1)	COUNTRY/STATE	
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**

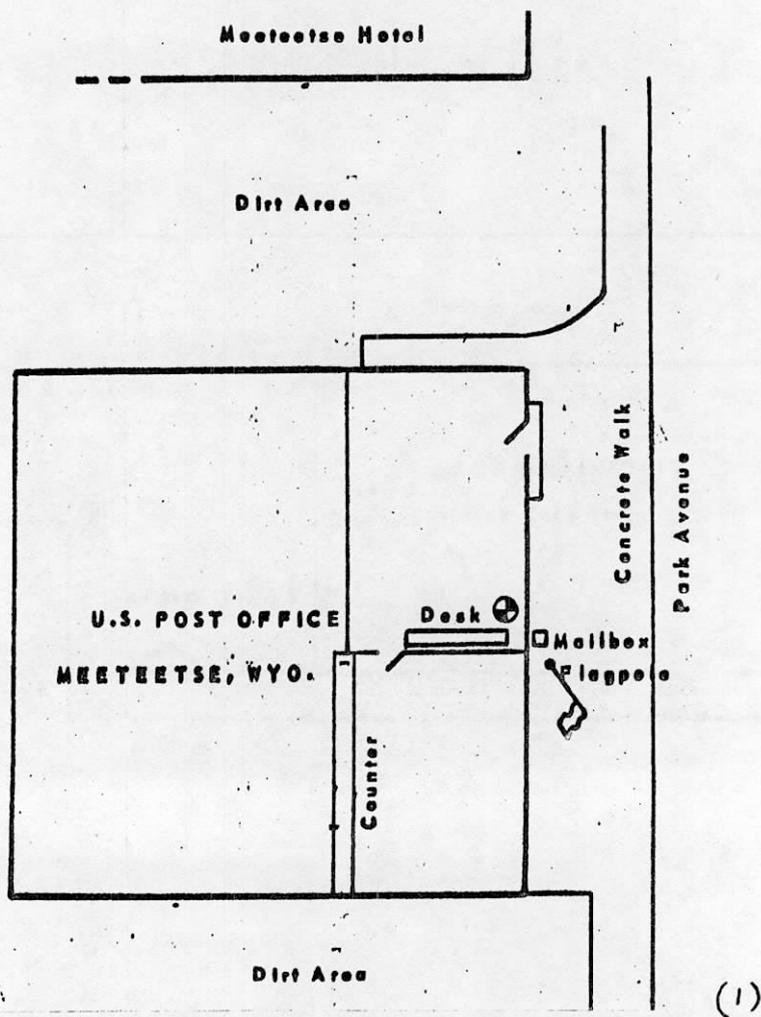
(1) 05110

## GRAVITY BASE STATION

LATITUDE	44° 09.00'N (1)	STATION DESIGNATION	MEETEETSE
LONGITUDE	108° 09.00'W (1)	COUNTRY/STATE	USA/Wyoming
ELEVATION	1765.00 METERS (1)	ADOPTED GRAVITY VALUE	
REFERENCE CODE NUMBERS			
AGIC 1659-1		g = 980 006.33	mgals
IGB 15548B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR
			Jan/1968

**DESCRIPTION AND/OR SKETCH**

The station is in Meeteetse on Park Avenue, 1/2 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

### GRAVITY BASE STATION

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

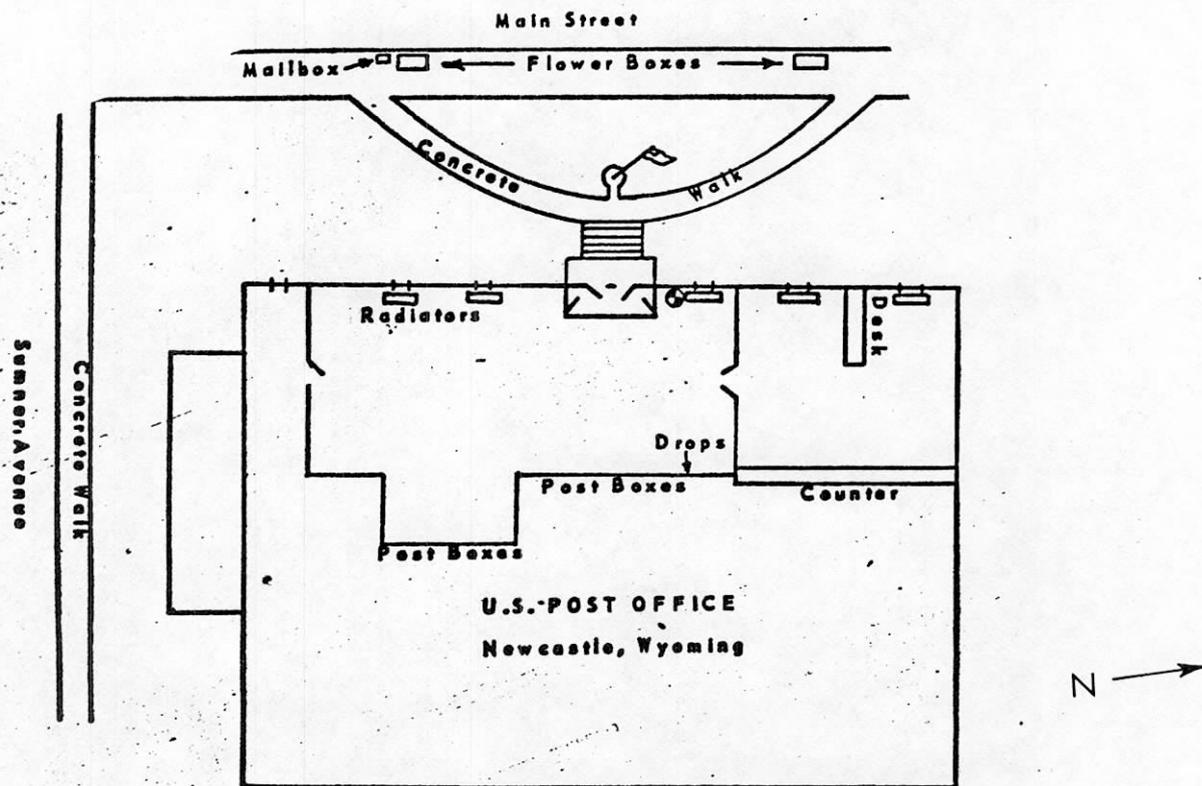
(1) 04099

## GRAVITY BASE STATION

LATITUDE	43° 51.00'N	(1)	STATION DESIGNATION	
LONGITUDE	104° 12.00'W	(1)	NEWCASTLE	
ELEVATION	1321	METERS (1)	COUNTRY/STATE	
			USA/Wyoming	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACTC 0649-1			g = 980 142.48 mgals	
TGB 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

### GRAVITY BASE STATION

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

### GRAVITY BASE STATION

LATITUDE <span style="float: right;">(1)</span>	STATION DESIGNATION	
41° 35.1'N	ROCK SPRINGS	
LONGITUDE <span style="float: right;">(1)</span>	COUNTRY/STATE	
109° 13.2'W	USA/Wyoming	
ELEVATION <span style="float: right;">(1)</span>	ADOPTED GRAVITY VALUE	
1909.6 METERS	$g = 979\,738.6$ mgals	
REFERENCE CODE NUMBERS	ESTIMATED ACCURACY	DATE
ACTG 0588-1	± 0.6 mgals	MONTH/YEAR
U 82		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**

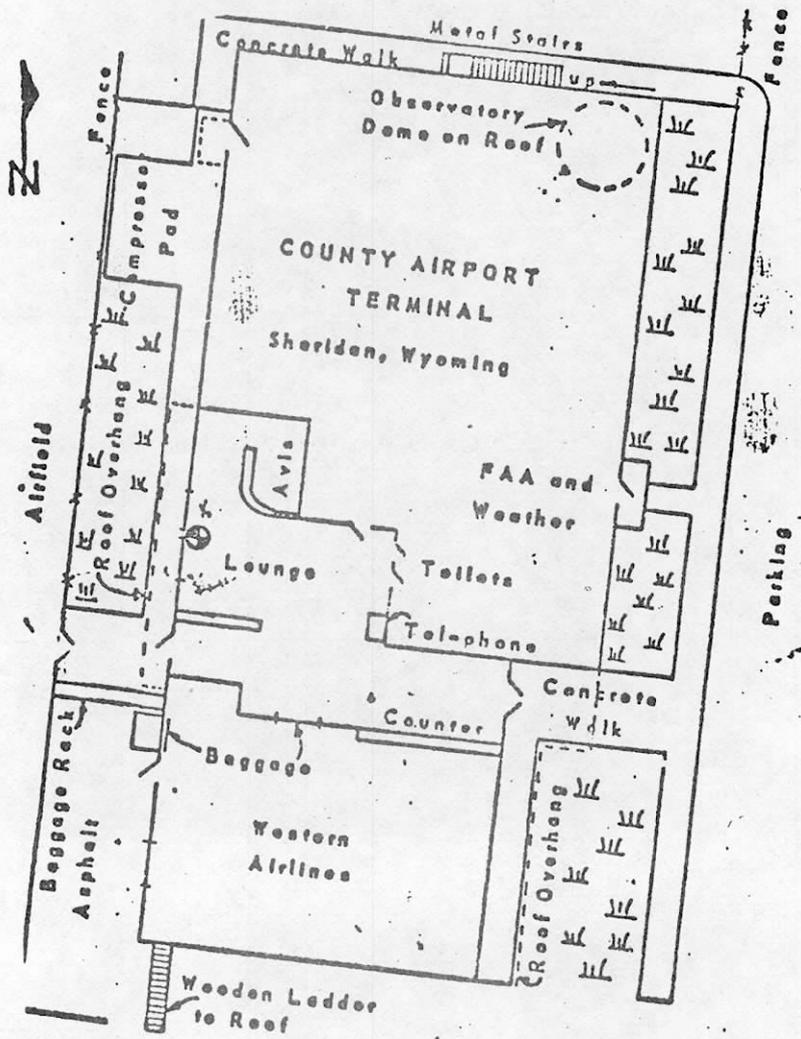
(1) 00269

## GRAVITY BASE STATION

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

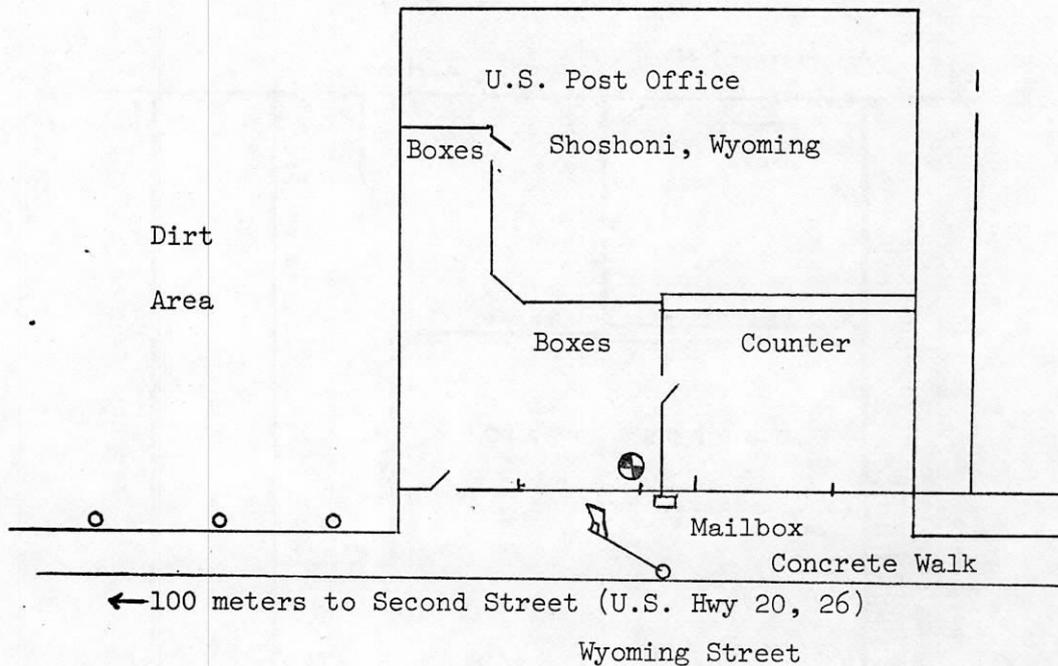
(1) 03802

## GRAVITY BASE STATION

LATITUDE 43° 14.00'N (1)	STATION DESIGNATION SHOSHONI	
LONGITUDE 108° 06.50'W (1)	COUNTRY/STATE USA/Wyoming	
ELEVATION 1469 METERS	ADOPTED GRAVITY VALUE	
REFERENCE CODE NUMBERS ACIC 1661-1 IGB 15538C	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

### GRAVITY BASE STATION

LATITUDE <div style="text-align: right; padding-right: 20px;">41° 09.75'N (1)</div>	STATION DESIGNATION SQUAW HOLLOW
LONGITUDE <div style="text-align: right; padding-right: 20px;">109° 36.35'W (1)</div>	
ELEVATION <div style="text-align: right; padding-right: 20px;">1888.9 METERS (1)</div>	COUNTRY/STATE USA/Wyoming
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0786-1	$g =$ 979 681.72            mgals
HUS 487	
	ESTIMATED ACCURACY
	±    0.3 mgals
	DATE
	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

### GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">42° 26.58'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">SUN RANCH</div>	
LONGITUDE <div style="text-align: center;">107° 12.67'W (1)</div>		
ELEVATION <div style="text-align: center;">1819.4 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/Wyoming</div>	
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

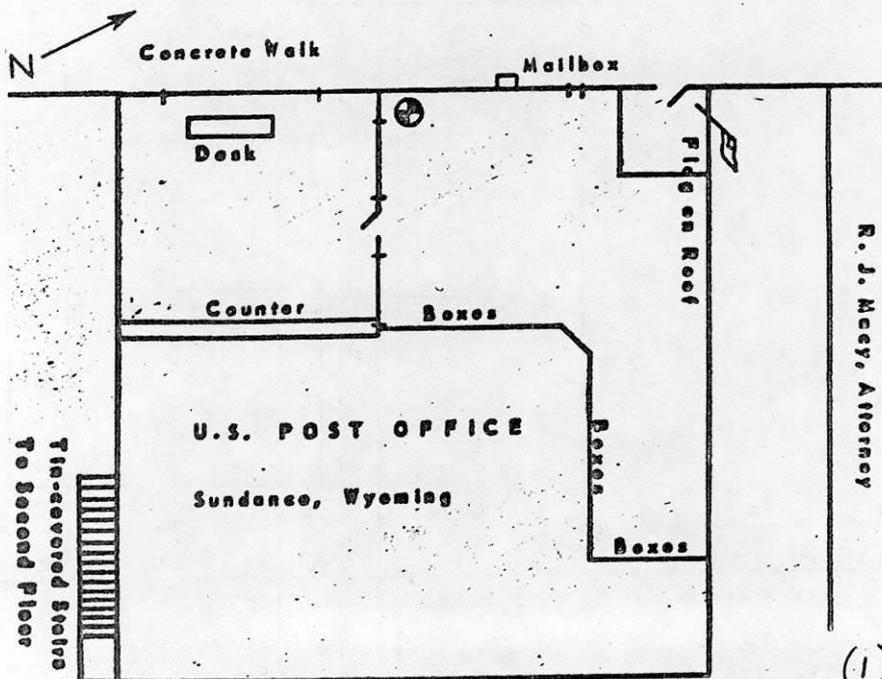
665

## GRAVITY BASE STATION

LATITUDE $44^{\circ} 24.00'N$ (1)	STATION DESIGNATION SUNDANCE	
LONGITUDE $104^{\circ} 22.50'W$ (1)	COUNTRY/STATE USA/Wyoming	
ELEVATION 1148 METERS (1)	ADOPTED GRAVITY VALUE	
REFERENCE CODE NUMBERS ACTC 1662-1 IGB 15544B	$g = 980\ 182.88$ mgals	
	ESTIMATED ACCURACY $\pm 0.1$ mgals	DATE 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 entrance), on the tile floor. The station is monumented with a brass disk inscribed "USAF GRAVITY STATION". Described October 1966. (1)



REFERENCE SOURCE

(1) 05110

### GRAVITY BASE STATION

<b>LATITUDE</b> <div style="text-align: center;">42° 32.67'N (1)</div>	<b>STATION DESIGNATION</b> <div style="text-align: center;">SWEETWATER STATION</div>	
<b>LONGITUDE</b> <div style="text-align: center;">108° 11.28'W (1)</div>		
<b>ELEVATION</b> <div style="text-align: center;">1998.6 METERS (1)</div>	<b>COUNTRY/STATE</b> <div style="text-align: center;">USA/Wyoming</div>	
<b>REFERENCE CODE NUMBERS</b>		<b>ADOPTED GRAVITY VALUE</b>
ACIC 0322-1		g = 979 835.43 mgals
HUS 1846		
		<b>ESTIMATED ACCURACY</b>
		± 0.3 mgals
		<b>DATE</b>
		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**

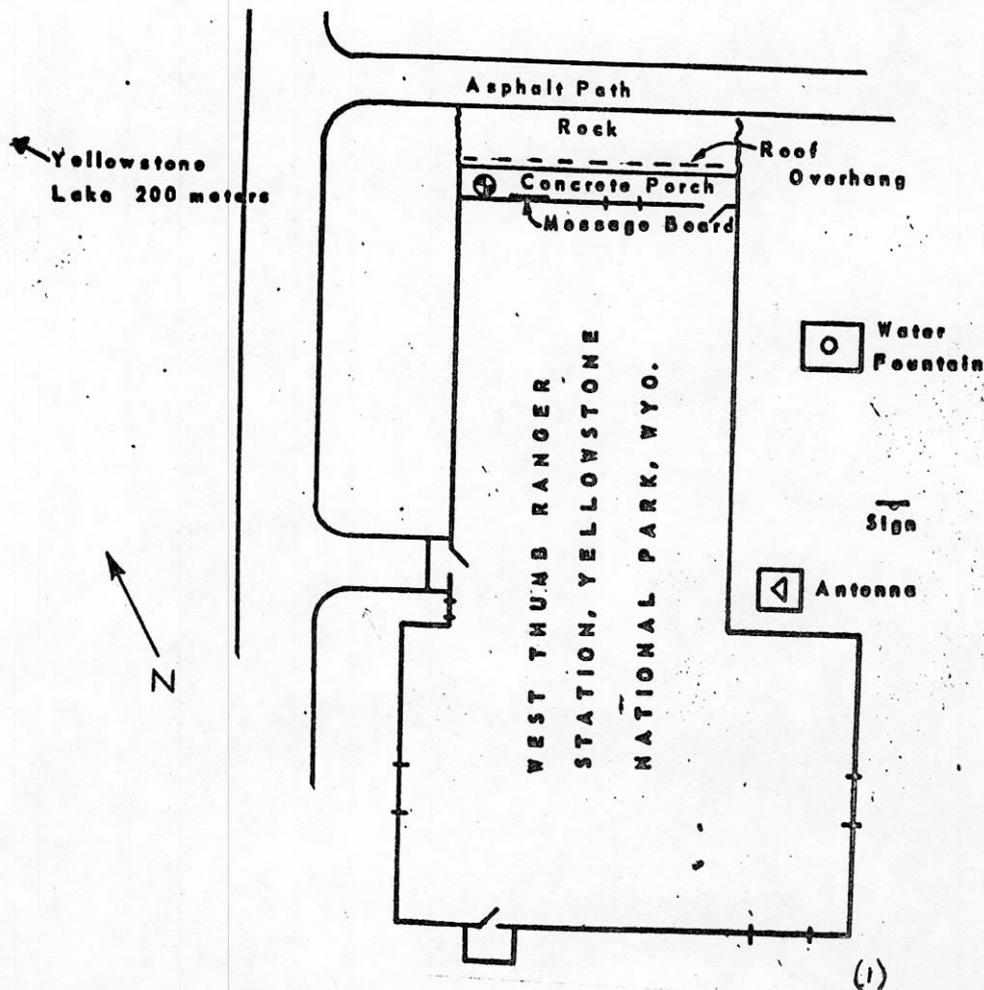
(1) 04099

## GRAVITY BASE STATION

LATITUDE	44° 25.00'N	(1)	STATION DESIGNATION	
LONGITUDE	110° 34.00'W	(1)	WEST THUMB	
ELEVATION	2380	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 1664-1			g = 979 874.82 mgals	
IGB 15640J				
			ESTIMATED ACCURACY	DATE
			+ 0.1 mgals	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)



REFERENCE SOURCE

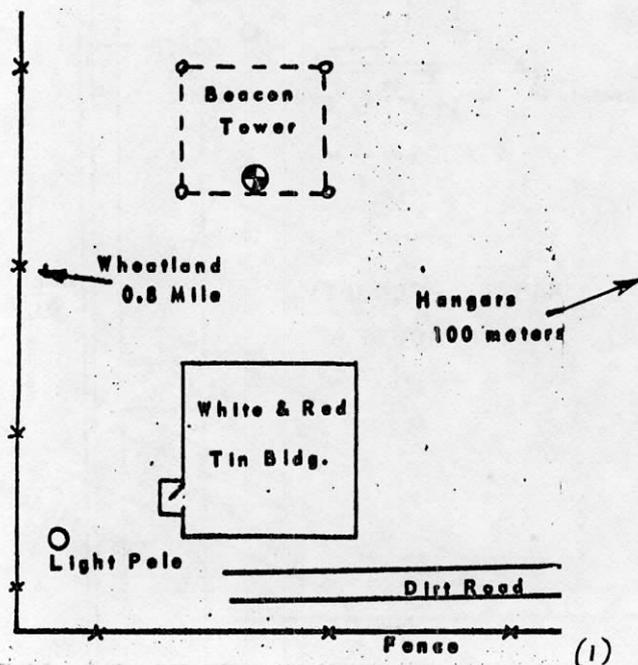
(1) 05110

### GRAVITY BASE STATION

LATITUDE	42° 03.50'N	(1)	STATION DESIGNATION	
LONGITUDE	104° 56.00'W	(1)	WHEATLAND	
ELEVATION	1155	METERS (1)	COUNTRY/STATE	
			USA/Wyoming	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 2044-1			$g = 979\ 927.83$ mgals	
IGB 15524J				
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)



REFERENCE SOURCE

(1) 05110