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<u>STATION</u>	<u>PROJECT</u>
Beaverhead	U S F S *
BM "W 4 "	Turret Peak
Bliss (C&GS)	Turret Peak
Dome (C&GS)	- - - -
Hance (NGS)	Cordes
Mesa (C&GS)	Turret Peak
Road Bend USFS	- - - - Prescott
<del>Road Bend (USGS 1043)</del>	<del>U S F S</del>
Verde School	- - - -

Turret Peak Project Master in Ariz. 236 - Book: PH 1188  
 U S F S \* = Beaver Creek Topographic Project (Forest Service)  
 Prescott Proj. Master in AZ 282 - BK: PH 1628  
 Cordes " " " AZ 260 - BK: PH 1696

TRIANGULATION STATION RECORD

Station BEAVERHEAD County Yavapai State Arizona Quadrangle 3430-11145/15

Established by C. C. Doak Year 1963 Accuracy 3rd order Photo No. ELN 1-112

Description: The station is located approximately 8.9 airline miles north of Camp Verde, and 12.5 airline miles southwest of Sedona, on a small, brush covered hill.

ROUTE TO STATION: From the junction of Arizona Highway 279 and 79, proceed on Highway 79 north to a new bridge over the Verde River. From the center of this bridge continue for 6.8 miles on Highway 79 to a two way stop sign at an overpass; turn left crossing the overpass onto the Oak Creek - Cornville Highway, then 4.5 miles on this highway to an intersection of county road with cattleguard on both sides of Oak Creek - Cornville Highway and a USFS sign "Middle Verde 7 miles". Turn left on dim track road to top of limestone knoll and station.

STATION MARK: A standard U. S. Forest Service bronze tablet stamped "Beaverhead 1962" was set in a 1/2 x 24 inch galvanized iron pipe which projects 10.5 inches.

REFERENCE MARKS: None

North Amer. 1927 Datum. Latitude 34° 41' 07.515 Longitude 111° 51' 43.956

Plane Coordinates: Zone Central X = 516,370.75 Feet Y = 1,340,770.59 Feet

$\Delta\alpha = +0^{\circ} 01' 51.6$  Elevation 3,716.6 feet Obtained by VA

To Station	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Meters	Miles Feet
House	185	00	58.7	5	01	17.4	9,523.99	31,246.62
Apache Maid LO	261	05	55.8	81	16	36.0	28,957.22	95,003.82

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SEP 1965

Arizona (281)

Yavapai County

BM "W 4"

1927 N.A.D. (Adj.)

W.D. Greenleaf, 1966

Book: PH 1188

Described in level line by F.A. Wuopio, 1929; Book B 3244 and U.S. Coast and Geodetic Survey level line 34 111 3 line 101 as follows:

Located 8.1 mi. SE. along the highway leading to Payson from Camp Verde, Yavapai County, 1.8 mi SE. of the bridge over Clear Creek, 28 yds. SE. of the point where the centerline of the rd. crosses the center of a gulch, 23 ft. NE. of the centerline of the highway, in the top of a limestone ledge, and about 6 in. above the ground.

Station mark: USGS bench mark tablet stamped "3329.314 W4 1929".

ARIZONA ZONE EAST

ARIZONA ZONE CENTRAL

Elevation: 3329.314 ft.

X= 22,409.44

X= 549,654.64

(First order leveling by

Y=1,278,857.93

Y=1,275,155.29

USG&GS 34 111 3 line 101)

$\Delta \alpha = +0^{\circ}05'36''$

Latitude 34°30'18.050" Longitude 111°45'06.657"

<u>To Station</u>	<u>Azimuth</u>	<u>Back Azimuth</u>	<u>Feet</u>
Chasm (C&GS)	45°19'18.63"	225°17'07.44"	27,294.17
Squaw Pk.	70 44 20.56	250 40 10.72	39,135.97
Hackberry (C&GS)	337 01 16.76	157 02 41.62	32,181.75

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3/13/70 blm *W.D.*

Arizona (281)

Yavapai County

BLISS (C&GS)

1927 N.A.D.

USC&GS, 1959

J.E. Kallbrier, 1966

Book: PH 1188

Described in U.S. Coast and Geodetic Survey Description List  
~~Arizona Volume II, page 121.~~ 34114-1001

Signal: A white flag over red cross-target on pole centered over station mark.

Signal data:	TWF	11.0	ft.
	TRXT	8.0	
	BRXT	5.4	

Photo No.: Paneled.

ARIZONA ZONE CENTRAL

X= 477,240.78

Y=1,277,634.24

Elevation: 4502.438 ft.

(2nd. Order leveling by C&GS,

Arizona 80)

$\Delta \alpha = -0^{\circ}02'34''$

~~Bliss (C&GS)~~

\* LAT.  $34^{\circ} 30' 42.890''$   
STATION AZIMUTH

LONG.  $111^{\circ} 59' 31.981''$   
BACK AZIMUTH DISTANCE

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4/11/66 slh *[signature]*

Arizona (281)

Yavapai County

DOME (C&GS)

1927 N.A.D.

USC&GS, 1959

R.N. Gardner, 1960

Book: FH 782

Described in U. S. Coast and Geodetic Survey Description List  
Arizona Vol. II, page 125. 341114-1005

ARIZONA ZONE CENTRAL

\*X= 492,687.58

Y=1,290,421.69

\*Latitude:  $34^{\circ}32'49.4685''$

Longitude:  $111^{\circ}56'27.4230''$

<u>To Station</u>	<u>Azimuth</u>	<u>Back Azimuth</u>	<u>Feet</u>
Thirteen Mile	$281^{\circ}00'05.85''$	$101^{\circ}09'04.71''$	81,066.38
(c) Clear (C&GS)	282 19 51.27	102 26 27.86	59,936.8
Squaw Peak	324 36 43.55	144 38 59.22	34,631.15

\* - Values by USC&GS  
(c) - Computed

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3/10/65 dc *SS*

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34 111 43

DESCRIPTION  
HORIZONTAL CONTROL STATION

DIAGRAM Holbrook  
USGS QUAD NO. 281

2nd Order  
Triangulation  Electronic - Distance Traverse  Intersected Object   
Station HANCE County Yavapai State ARIZONA  
Established by C&GS Year 1959 Project \_\_\_\_\_

Check one:

New Station: Write full description below  
 Recovery of Old Station: Recovered by USGS Year 1974 Project PH 1696

Object	Bearing	Distance	
		Feet	Meters
RM's not measured in 1974			

Described in USC&GS description list 341114, Station 1003.

All marks in good condition.

C&GS Adjusted Coordinates

ARIZONA CENTRAL ZONE  
X= 481396.36 ELEV 4629.253 FT  
Y= 1285160.63  
MAPPING ANGLE=-0 2 6 QUAD 34 111 43

HANCE LAT 34 31 57.3747 LONG 111 58 42.3756

7/8/74 jk

AUG 14 1974

Arizona (281)

Yavapai County

MESA (C&GS)

1927 N.A.D.

USC&GS, 1959

L.J. Hill, 1966

Book: PH 1188

Described in U.S. Coast and Geodetic Survey Description List,  
Arizona ~~Volume II~~ page 130. *341114-1010*

Station reached by helicopter.

Signal: A white flag over a red cross-target on pole centered  
over station mark.

Signal data: TWF 11.0 ft.  
TRXT 7.8  
BRXT 5.2

Photo No.: Paneled.

ARIZONA ZONE CENTRAL

V.A. Elevation: 3511 ft.

\*X= 535,097.20

Y=1,284,766.58

$\Delta \alpha = +0^{\circ}03'58''$

Mesa (C&GS)	*LAT. $34^{\circ} 31' 53.333''$	LONG. $111^{\circ} 48' .477''$		
	STATION	AZIMUTH	BACK AZIMUTH	DISTANCE
Chasm (C&GS)		$9^{\circ} 33' 5.567''$	$189^{\circ} 32' 32.766''$	29234.72
Squaw Pk.		$44^{\circ} 47' 22.737''$	$224^{\circ} 44' 51.265''$	31783.17
1-175 A		$64^{\circ} 5' 43.276''$	$214^{\circ} 2' 46.305''$	29063.80
Clear (C&GS)		$293^{\circ} 59' 16.843''$	$114^{\circ} 1' 6.066''$	17653.65

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\*= Values by USC&GS

4/8/66 slh *mmw*

*vv*

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34 111 43

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
Geological Survey  
Form No. 9-3223 Rev. 1968  
3rd Order

**DESCRIPTION**  
**HORIZONTAL CONTROL STATION**

DIAGRAM Holbrook  
USGS QUAD NO. 281

Triangulation  Electronic - Distance Traverse  Intersected Object   
Station ROAD BEND USFS County Yavapai State Arizona  
Established by USGS Year 1943 Project H 70

Check one:

New Station: Write full description below  
 Recovery of Old Station: Recovered by USGS Year 1973 Project PH 1628

Object	Bearing	Distance		Azimuth
		Feet	Meters	
CHERRY USGS				64°36'39.5"

Note: The station marker is in the same position as the USGS iron nail formerly used as a station marker.

Located 9.0 mi S. and 2.0 mi E. of Cottonwood, on one of the long ridges which extends from the foot of the mountains E. to Verde River, 2.2 mi S. of Black Canyon, and 1.5 mi W. of Verde Valley Highway.

To reach from point on U.S. Highway 89 (alternate) 2.0 mi S. of Cottonwood (intersection of Verde Valley Rd.), drive southerly on last named (toward Camp Verde) 5.9 mi, turn right, W., here, and drive 0.1 mi, take left fork (main rd.) and drive 1.4 mi to point where rd. curves right at low hill, leave truck here and walk S. crossing fence about 390 ft to station in middle of top.

Station mark: A standard U.S. Forest Service bronze tablet cemented in a boulder buried in the ground.

USGS Adjusted 1943 Coordinates

ARIZONA CENTRAL ZONE ELEV 3655.8 FT  
X= 481775.9  
Y= 1323294.0  
MAPPING ANGLE=-0 2 4 QUAD 34 111 43

ROAD BEND USGS USFS LAT 34 38 14.617 LONG 111 58 38.112

MAR 12 1974

Station: VERDE SCHOOL

County: YAVAPAI

State: ARIZONA 281

Observer: B. H. YOAKUM

Year: 1930

Datum: NORTH AMERICAN 1927 DATUM

34

Description: 8-24-31 MKB Bks. C9803-7.

111

Southeast corner of concrete-stucco High School building in Camp Verde.

Station mark and signal: Extreme southeast corner of outside of building.

[Latitude 34 33 48.9

Longitude 111 51 11.0 ]

To Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
Squaw Peak	10	38	54.	190	38	10.	4.02609	6.598
* Juniper Tree	77	11	52.	257	08	53.	3.91680	5.130
House	179	59	19.	359	59	19.	4.36183	14.295
13 Mile	292	04	13.	112	10	13.	4.24211	10.851
* = not occupied.								

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