NGS Data Sheets

The NGS Data Sheet

```
DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 5.65
Starting Datasheet Retrieval...
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER  1, 1998
 AA4509 ***********************************************************************
 AA4509  DESIGNATION -  PRB AP 1965 STA B2
 AA4509  PID         -  AA4509
 AA4509  STATE/COUNTY-  CA/SAN LUIS OBISPO
 AA4509  USGS QUAD   -  PASO ROBLES (1984)
 AA4509
 AA4509                          *CURRENT SURVEY CONTROL
 AA4509
 AA4509* NAD 83(1992)-  35 40 37.94953(N)    120 37 39.58043(W)      ADJUSTED
 AA4509* NAVD 88     -       246.6    (meters)      809.      (feet)  VERTCON
 AA4509
 AA4509  EPOCH DATE  -        1991.35
 AA4509  X           -  -2,642,625.113 (meters)                       COMP
 AA4509  Y           -  -4,463,515.502 (meters)                       COMP
 AA4509  Z           -   3,699,280.972 (meters)                       COMP
 AA4509  LAPLACE CORR-           0.60  (seconds)                      DEFLEC96
 AA4509  ELLIP HEIGHT-         212.52  (meters)                       GPS OBS
 AA4509  GEOID HEIGHT-         -34.07  (meters)                       GEOID96
 AA4509
 AA4509  HORZ ORDER  -  B
 AA4509  ELLP ORDER  -  THIRD     CLASS I
 AA4509
 AA4509.The horizontal coordinates were established by GPS observations
 AA4509.and adjusted by the National Geodetic Survey in September 1994.
 AA4509.The horizontal coordinates are valid at the epoch date displayed above.
 AA4509.The epoch date for horizontal control is a decimal equivalence
 AA4509.of Year/Month/Day.
 AA4509
 AA4509.The NAVD 88 height was computed by applying the VERTCON shift value to
 AA4509.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
 AA4509
 AA4509.The X, Y, and Z were computed from the position and the ellipsoidal ht.
 AA4509
 AA4509.The Laplace correction was computed from DEFLEC96 derived deflections.
 AA4509
 AA4509.The ellipsoidal height was determined by GPS observations
 AA4509.and is referenced to NAD 83.
 AA4509
 AA4509.The geoid height was determined by GEOID96.
 AA4509
 AA4509;                    North         East      Units   Scale      Converg.
 AA4509;SPC CA 5     - 2,443,008.07  5,781,265.39   sFT  1.00005268 -1 29 52.1
 AA4509;SPC CA 5     -   744,630.348 1,762,133.214   MT  1.00005268 -1 29 52.1
 AA4509;UTM  10      - 3,950,740.279   714,700.961   MT  1.00016807 +1 23 02.8
 AA4509
 AA4509:                Primary Azimuth Mark                     Grid Az
 AA4509:SPC CA 5     -  PRB AP 1971 STA C                        030 13 52.3
 AA4509:UTM  10      -  PRB AP 1971 STA C                        027 20 57.4
 AA4509
 AA4509|-----------------------------------------------------------------------|
 AA4509| PID    Reference Object                    Distance      Geod. Az     |
 AA4509|                                                          dddmmss.s    |
 AA4509| AA4510 PRB AP 1971 STA C                406.351 METERS 0284400.2     |
 AA4509|-----------------------------------------------------------------------|
 AA4509
 AA4509                          SUPERSEDED SURVEY CONTROL
 AA4509
 AA4509  NGVD 29     -       245.7    (meters)      806.      (feet)  GPS OBS
 AA4509
 AA4509.Superseded values are not recommended for survey control.
 AA4509.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
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AA4509.See file format.dat to determine how the superseded data were derived.
AA4509
AA4509_MARKER: DT = TOPOGRAPHIC STATION DISK
AA4509_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT (ROUND)
AA4509_STAMPING: AP 1965 STA B2
AA4509_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
AA4509+STABILITY: SURFACE MOTION
AA4509

AA4509	HISTORY	- Date	Condition	Recov. By
AA4509	HISTORY	- 1965	MONUMENTED	CGS
AA4509	HISTORY	- 19891215	GOOD	NGS

AA4509

AA4509 STATION DESCRIPTION
AA4509

AA4509'DESCRIBED BY COAST AND GEODETIC SURVEY 1965 (JGF)
AA4509'THE STATION IS ON THE PASO ROBLES COUNTY AIRPORT ABOUT 4.5 MI (7.24
AA4509'KM) NE OF MIDTOWN PASO ROBLES, FOR ACCESS CONTACT THE AIRPORT MANAGER,
AA4509'ROGER OXBORROW AT 805-237-3877. ACCESS IS RESTRICTED BY FAA
AA4509'REGULATION. TO REACH THE STATION FROM THE INTERSECTION OF HIGHWAYS
AA4509'101 AND EASTBOUND 46 ON THE NORTHEAST SIDE OF PASO ROBLES PROCEED EAST
AA4509'ON 46 FOR 2.35 MI (3.78 KM) TO AIRPORT ROAD. TURN LEFT AND PROCEED
AA4509'NORTHERLY ON AIRPORT ROAD FOR 1.9 MI (3.06 KM) TO ROLLIE GATES DRIVE.
AA4509'TURN RIGHT AND GO EAST FOR 0.1 MI (0.16 KM) TO WING WAY. THE TERMINAL
AA4509'BLDG IS AT THIS INTERSECTION AND THE MANAGERS OFFICE IS THE NEXT
AA4509'BUILDING ON THE LEFT. TURN LEFT ON TO WING WAY GO NORTH FOR 0.115 MI
AA4509'(0.185 KM) TO BUENA VISTA DR. TURN RIGHT AND PROCEED FOR 0.3 MI (0.48
AA4509'KM) PAST HANGER AND ACROSS PARKING APRON AND ALONG EASTBOUND TAXIWAY
AA4509'TO ANOTHER TAXIWAY. TURN LEFT ON TAXIWAY AND PROCEED FOR 0.2 MI (0.32
AA4509'KM) NORTH TO THE CDF FIRE FACILITY. TURN RIGHT ON THE TAXIWAY LEADING
AA4509'EAST AWAY FROM THE CDF FACILITY AND GO FOR 0.2 MI (0.32 KM) ACROSS THE
AA4509'TAXIWAY PARALLEL TO RUNWAY 11-19. THE STATION IS LOCATED BETWEEN THE
AA4509'EAST EDGE OF RUNWAY 1-19 AND RUNWAY END 13. IT IS 122.5 FT (37.34 M)
AA4509'SW OF THE SOUTHWEST CORNER OF RUNWAY END 13, 47.6 FT (14.51 M) EAST OF
AA4509'THE FIRST RUNWAY LIGHT SOUTH OF THE INTERSECTION OF RUNWAY 1-19 AND
AA4509'RUNWAY END 13 AND 9.5 FT (2.90 M) SW OF THE CENTER OF A RECTANGULAR
AA4509'STEEL COVER ON AN ELECTRICAL PULL BOXX. THE WAS COVERED BY 2 INCHES
AA4509'OF GRAVEL AND SAND. THERE ARE 2 PUNCH MARKS IN THE CENTER CIRCLE ON
AA4509'THE DISK. THE MOST CENTERED OF THE 2 WAS THE POINT PLUMBED OVER.
AA4509

AA4509 STATION RECOVERY (1989)
AA4509

AA4509'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1989 (HSK)
AA4509'THE STATION IS LOCATED ON THE PASO ROBLES COUNTY AIRPORT BETWEEN THE
AA4509'EAST EDGE OF RUNWAY 1-19 AND RUNWAY END 13, 122.5 FT (37.3 M)
AA4509'SOUTHWEST OF THE SOUTHWEST CORNER OF RUNWAY END 13, 47.6 FT (14.5 M)
AA4509'EAST OF THE FIRST RUNWAY LIGHT SOUTH OF THE INTERSECTION OF RUNWAY
AA4509'1-19 AND A TAXIWAY (LT R 56) AND 9.5 FT (2.9 M) SOUTHWEST OF THE
AA4509'CENTER OF A RECTANGULAR STEEL COVER ON A ELECTRICAL PULL BOX. THE
AA4509'STATION IS A STANDARD TOPOGRAPHIC DISK STAMPED AP 1965 STA B2 SET IN
AA4509'THE TOP OF A SQUARE CONCRETE MONUMENT FLUSH WITH THE GROUND.
Elapsed Time = 00:00:03

The NGS Data Sheet

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DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 5.65
Starting Datasheet Retrieval...
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER  1, 1998
 FV2070 ***********************************************************************
 FV2070  DESIGNATION -  HPGN D CA 05 ML
 FV2070  PID         -  FV2070
 FV2070  STATE/COUNTY-  CA/SAN LUIS OBISPO
 FV2070  USGS QUAD   -  PASO ROBLES (1984)
 FV2070
 FV2070                          *CURRENT SURVEY CONTROL
 FV2070
 FV2070* NAD 83(1992)-  35 38 38.55829(N)     120 40 48.08835(W)      ADJUSTED
 FV2070* NAVD 88     -       224.6    (meters)      737.      (feet)  GPS OBS
 FV2070
 FV2070  EPOCH DATE  -        1991.35
 FV2070  X           -  -2,647,788.780 (meters)                       COMP
 FV2070  Y           -  -4,462,928.171 (meters)                       COMP
 FV2070  Z           -   3,696,278.429 (meters)                       COMP
 FV2070  LAPLACE CORR-          -1.07   (seconds)                     DEFLEC96
 FV2070  ELLIP HEIGHT-         190.60   (meters)                      GPS OBS
 FV2070  GEOID HEIGHT-         -34.09   (meters)                      GEOID96
 FV2070
 FV2070  HORZ ORDER  -  FIRST
 FV2070  ELLP ORDER  -  FOURTH    CLASS I
 FV2070
 FV2070.The horizontal coordinates were established by GPS observations
 FV2070.and adjusted by the National Geodetic Survey in June 1996.
 FV2070.The horizontal coordinates are valid at the epoch date displayed above.
 FV2070.The epoch date for horizontal control is a decimal equivalence
 FV2070.of Year/Month/Day.
 FV2070
 FV2070.The orthometric height was determined by GPS observations.
 FV2070
 FV2070.The X, Y, and Z were computed from the position and the ellipsoidal ht.
 FV2070
 FV2070.The Laplace correction was computed from DEFLEC96 derived deflections.
 FV2070
 FV2070.The ellipsoidal height was determined by GPS observations
 FV2070.and is referenced to NAD 83.
 FV2070
 FV2070.The geoid height was determined by GEOID96.
 FV2070
 FV2070;                    North         East      Units   Scale       Converg.
 FV2070;SPC CA 5     - 2,431,350.01  5,765,395.56   sFT  1.00004348 -1 31 39.5
 FV2070;SPC CA 5     -   741,076.966 1,757,296.080   MT  1.00004348 -1 31 39.5
 FV2070;UTM  10      - 3,946,947.856   710,048.040   MT  1.00014372 +1 21 08.8
 FV2070
 FV2070                          SUPERSEDED SURVEY CONTROL
 FV2070
 FV2070  NAD 83(1992)-  35 38 38.55818(N)     120 40 48.08832(W)      ADJUSTED
 FV2070
 FV2070.Superseded values are not recommended for survey control.
 FV2070.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 FV2070.See file format.dat to determine how the superseded data were derived.
 FV2070
 FV2070_MARKER: DD = SURVEY DISK
 FV2070_SETTING: 50 = ALUMINUM ALLOY ROD W/O SLEEVE (10 FT.+)
 FV2070_STAMPING: CA-HPGN-D STA. 05-ML SLO 046 PM 30.09 1993
 FV2070_PROJECTION: RECESSED 3 CENTIMETERS
 FV2070_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
 FV2070_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 FV2070+SATELLITE: SATELLITE OBSERVATIONS - 1993
 FV2070_ROD/PIPE-DEPTH: 1.8  meters
 FV2070
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FV2070  HISTORY      - Date      Condition         Recov. By
FV2070  HISTORY      - 1993      MONUMENTED        CADT
FV2070
FV2070                            STATION DESCRIPTION
FV2070
FV2070'DESCRIBED BY CALTRANS 1993
FV2070'THE STATION IS LOCATED IN THE NORTHERN PART OF THE CITY OF PASO ROBLES
FV2070'NEAR THE JUNCTION OF U.S. HIGHWAY 101 AND STATE HIGHWAY 46 (EAST).
FV2070'$
FV2070'TO REACH THE STATION FROM THE JUNCTION OF THE U.S. HIGHWAY 101 AND
FV2070'STATE HIGHWAY 46 (EAST), GO EAST ON STATE HIGHWAY 46 FOR 0.33 MI
FV2070'(0.53 KM) TO THE STATION ON THE RIGHT AT POST MILE 30.09. A WIDE
FV2070'SHOULDER ADJACENT TO THE STATION PROVIDES ADEQUATE PARKING.
FV2070'$
FV2070'THE STATION IS A SURVEY DISK ENCASED IN PVC PIPE WITH ACCESS COVER SET
FV2070'IN CONCRETE FLUSH WITH THE GROUND, 136 FT (41.5 M) WEST OF THE SOUTH
FV2070'END OF A 3 FT (0.9 M) DIAMETER CONCRETE CULVERT UNDER HIGHWAY 46, 42
FV2070'FT (12.8 M) SOUTH OF THE TOP OF BERM ON THE SOUTH SIDE OF HIGHWAY 46,
FV2070'26.5 FT (8.1 M) NORTH OF 5 STRAND BARBED WIRE R/W FENCE, 1.8 FT
FV2070'(0.5 M) NORTH OF A CARSONITE WITNESS POST, AND ABOUT 3 FT (0.9 M)
FV2070'HIGHER THAN THE HIGHWAY.
FV2070'$
FV2070'THE STATION WAS OCCUPIED AS PART OF A CALIFORNIA HPGN DENSIFICATION
FV2070'SURVEY.  THE STATION IS LOCATED WITHIN THE CALIFORNIA DEPARTMENT OF
FV2070'TRANSPORTATION (CALTRANS) HIGHWAY RIGHT-OF-WAY.  USERS MUST OBTAIN AN
FV2070'ENCROACHMENT PERMIT FROM CALTRANS BEFORE USING THE STATION.  TO
FV2070'OBTAIN AN ENCROACHMENT PERMIT, CONTACT THE DISTRICT PERMITS OFFICE IN
FV2070'SAN LUIS OBISPO AT (805) 549-3152.
Elapsed Time = 00:00:02
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The NGS Data Sheet

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DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 5.65
Starting Datasheet Retrieval...
1        National Geodetic Survey,    Retrieval Date = SEPTEMBER  1, 1998
 FV0048 ***********************************************************************
 FV0048  DESIGNATION -  Y 707 RESET 1968
 FV0048  PID         -  FV0048
 FV0048  STATE/COUNTY-  CA/SAN LUIS OBISPO
 FV0048  USGS QUAD   -  TEMPLETON (1979)
 FV0048
 FV0048                          *CURRENT SURVEY CONTROL
 FV0048
 FV0048* NAD 83(1992)-  35 34 28.71219(N)     120 43 51.11816(W)      ADJUSTED
 FV0048* NAVD 88     -       283.4    (meters)      930.      (feet)  GPS OBS
 FV0048
 FV0048  EPOCH DATE  -         1991.35
 FV0048  X           -  -2,654,063.479 (meters)                       COMP
 FV0048  Y           -  -4,464,471.934 (meters)                       COMP
 FV0048  Z           -   3,690,052.024 (meters)                       COMP
 FV0048  LAPLACE CORR-           -0.90  (seconds)                      DEFLEC96
 FV0048  ELLIP HEIGHT-          249.25  (meters)                       GPS OBS
 FV0048  GEOID HEIGHT-          -34.13  (meters)                       GEOID96
 FV0048
 FV0048  HORZ ORDER  -  FIRST
 FV0048  ELLP ORDER  -  FOURTH    CLASS II
 FV0048
 FV0048.The horizontal coordinates were established by GPS observations
 FV0048.and adjusted by the National Geodetic Survey in June 1996.
 FV0048.The horizontal coordinates are valid at the epoch date displayed above.
 FV0048.The epoch date for horizontal control is a decimal equivalence
 FV0048.of Year/Month/Day.
 FV0048
 FV0048.The orthometric height was determined by GPS observations.
 FV0048
 FV0048.The X, Y, and Z were computed from the position and the ellipsoidal ht.
 FV0048
 FV0048.The Laplace correction was computed from DEFLEC96 derived deflections.
 FV0048
 FV0048.The ellipsoidal height was determined by GPS observations
 FV0048.and is referenced to NAD 83.
 FV0048
 FV0048.The geoid height was determined by GEOID96.
 FV0048
 FV0048;                      North          East      Units   Scale      Converg.
 FV0048;SPC CA 5     - 2,406,501.84  5,749,607.22    sFT  1.00002532 -1 33 23.9
 FV0048;SPC CA 5     -   733,503.227 1,752,483.785    MT  1.00002532 -1 33 23.9
 FV0048;UTM  10      - 3,939,141.232   705,621.741    MT  1.00012105 +1 19 14.0
 FV0048
 FV0048                          SUPERSEDED SURVEY CONTROL
 FV0048
 FV0048  NAD 83(1992)-  35 34 28.71213(N)     120 43 51.11820(W)      ADJUSTED
 FV0048
 FV0048.Superseded values are not recommended for survey control.
 FV0048.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 FV0048.See file format.dat to determine how the superseded data were derived.
 FV0048
 FV0048_MARKER: DB = BENCH MARK DISK
 FV0048_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT (ROUND)
 FV0048_STAMPING: Y 707 RESET 1968
 FV0048_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 FV0048+STABILITY: SURFACE MOTION
 FV0048_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 FV0048+SATELLITE: SATELLITE OBSERVATIONS - May 05, 1993
 FV0048
 FV0048  HISTORY     - Date     Condition        Recov. By
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FV0048  HISTORY      - 1968     MONUMENTED        CADH
FV0048  HISTORY      - 19930505 GOOD              CADT
FV0048
FV0048                            STATION DESCRIPTION
FV0048
FV0048'DESCRIBED BY CA DIV OF HIGHWAYS 1968
FV0048'5.2 MI SW FROM PASO ROBLES.
FV0048'ABOUT 5.2 MILES SOUTHWEST ALONG STATE HIGHWAY 46 FROM PASO
FV0048'ROBLES, AT A T JUNCTION, SET IN THE TOP OF A CONCRETE COLLAR 0.2
FV0048'FOOT HIGH, 4.5 FEET SOUTHWESTERLY FROM A JOINT POLE 47/67, ABOUT
FV0048'85 FEET WEST OF THE CENTER LINE OF THE HIGHWAY.
FV0048
FV0048                            STATION RECOVERY (1993)
FV0048
FV0048'RECOVERY NOTE BY CALTRANS 1993
FV0048'THE STATION WAS RECOVERED. A COMPLETE NEW DESCRPTION FOLLOWS.
FV0048'$
FV0048'THE STATION IS LOCATED ON THE NORTH SIDE OF STATE HIGHWAY 46, ABOUT 6
FV0048'MI (9.7 KM) NORTHWEST OF THE CITY OF ATASCADERO AND ABOUT 4 MI
FV0048'(6.4 KM) SOUTHWEST OF THE CITY OF PASO ROBLES.
FV0048'$
FV0048'TO REACH THE STATION FROM THE JUNCTION OF U.S. HIGHWAY 101 AND STATE
FV0048'HIGHWAY 46 (WEST) ABOUT 2.5 MI (4.0 KM) SOUTH OF THE CITY OF PASO
FV0048'ROBLES, GO WEST ON STATE HIGHWAY 46 FOR 1.6 MI (2.6 KM) TO THE
FV0048'INTERSECTION WITH BETHEL ROAD. CONTINUE WEST ON STATE HIGHWAY 46 FOR
FV0048'0.65 MI (1.05 KM) TO THE STATION ON THE RIGHT AT POST MILE 19.75. A
FV0048'DIRT SHOULDER ADJACENT TO THE STATION PROVIDES ADEQUATE PARKING.
FV0048'$
FV0048'THE STATION IS 58 FT (17.7 M) NORTHWEST OF THE CENTERLINE OF STATE
FV0048'HIGHWAY 46, 17 FT (5.2 M) SOUTHWEST OF THE CENTERLINE OF THE PAVED
FV0048'DRIVE TO THE DELLAGANNA RESIDENCE AT 2070 AND 2080 STATE HIGHWAY 46,
FV0048'12 FT (3.7 M) NORTH OF THE SOUTHEAST END OF A CONCRETE HEADWALL, 10.5
FV0048'FT (3.2 M) NORTHEAST OF THE SOUTH ANGLE POINT IN A 5 STRAND BARBED
FV0048'WIRE R/W FENCE, 5 FT (1.5 M) SOUTH OF POWER/TELEPHONE POLE NO. 47/67,
FV0048'3.7 FT (1.1 M) WEST OF A GUY WIRE, 2.1 FT (0.6 M) SOUTHEAST OF A
FV0048'CARSONITE WITNESS POST, AND ABOUT 3 FT (0.9 M) HIGHER THAN THE
FV0048'ROADWAY.
FV0048'$
FV0048'THE STATION WAS OCCUPIED AS PART OF A CALIFORNIA HPGN DENSIFICATION
FV0048'SURVEY.  THE STATION IS LOCATED WITHIN THE CALIFORNIA DEPARTMENT OF
FV0048'TRANSPORTATION (CALTRANS) HIGHWAY RIGHT-OF-WAY.  USERS MUST OBTAIN AN
FV0048'ENCROACHMENT PERMIT FROM CALTANS BEFORE USING THE STATION.  TO OBTAIN
FV0048'AN ENCROACHMENT PERMIT, CONTACT THE DISTRICT PERMITS OFFICE IN SAN
FV0048'LUIS OBISPO AT (805) 549-3152.
Elapsed Time = 00:00:02
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The NGS Data Sheet

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DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 5.65
Starting Datasheet Retrieval...
1         National Geodetic Survey,   Retrieval Date = SEPTEMBER  1, 1998
 FV1960 ***********************************************************************
 FV1960  DESIGNATION -  M 1450
 FV1960  PID         -  FV1960
 FV1960  STATE/COUNTY-  CA/SAN LUIS OBISPO
 FV1960  USGS QUAD   -  TEMPLETON (1979)
 FV1960
 FV1960                          *CURRENT SURVEY CONTROL
 FV1960
 FV1960* NAD 83(1986)-  35 35 20.      (N)     120 41 43.      (W)      SCALED
 FV1960* NAVD 88      -       230.737  (meters)      757.01    (feet)   ADJUSTED
 FV1960
 FV1960  GEOID HEIGHT-          -34.14  (meters)                         GEOID96
 FV1960  DYNAMIC HT  -          230.521 (meters)      756.30    (feet)   COMP
 FV1960  MODELED GRAV-      979,693.9   (mgal)                           NAVD 88
 FV1960
 FV1960  VERT ORDER  -  FIRST      CLASS II
 FV1960
 FV1960.The horizontal coordinates were scaled from a topographic map and have
 FV1960.an estimated accuracy of +/- 6 seconds.
 FV1960
 FV1960.The orthometric height was determined by differential leveling
 FV1960.and adjusted by the National Geodetic Survey in June 1991.
 FV1960
 FV1960.The geoid height was determined by GEOID96.
 FV1960
 FV1960.The dynamic height is computed by dividing the NAVD 88
 FV1960.geopotential number by the normal gravity value computed on the
 FV1960.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 FV1960.degrees latitude (G = 980.6199 gals.).
 FV1960
 FV1960.The modeled gravity was interpolated from observed gravity values.
 FV1960
 FV1960;                      North         East     Units  Estimated Accuracy
 FV1960;SPC CA 5      -   735,000.     1,755,750.      MT  (+/- 180 meters Scaled)
 FV1960
 FV1960                             SUPERSEDED SURVEY CONTROL
 FV1960
 FV1960.No superseded survey control is available for this station.
 FV1960
 FV1960_MARKER: DV = VERTICAL CONTROL DISK
 FV1960_SETTING: 38 = SET IN THE ABUTMENT OR PIER OF A LARGE BRIDGE
 FV1960_STAMPING: M 1450 1989
 FV1960_STABILITY: A = MOST RELIABLE AND EXPECTED TO HOLD
 FV1960+STABILITY: POSITION/ELEVATION WELL
 FV1960_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR
 FV1960+SATELLITE: SATELLITE OBSERVATIONS - 1989
 FV1960
 FV1960  HISTORY      - Date      Condition         Recov. By
 FV1960  HISTORY      - 1989      MONUMENTED        NGS
 FV1960
 FV1960                              STATION DESCRIPTION
 FV1960
 FV1960'DESCRIBED BY NATIONAL GEODETIC SURVEY 1989
 FV1960'6.1 KM (3.80 MI) SOUTHERLY ALONG U.S. HIGHWAY 101 FROM THE JUNCTION OF
 FV1960'STATE HIGHWAY 46 IN PASO ROBLES, SET VERTICALLY IN THE WEST FACE OF
 FV1960'THE SOUTH CONCRETE ABUTMENT OF THE HIGHWAY OVERPASS OF STATE HIGHWAY
 FV1960'46 WEST, 5.4 M (17.7 FT) WEST OF THE CENTER OF THE SOUTHBOUND LANES OF
 FV1960'THE HIGHWAY, AND 1.7 M (5.6 FT) ABOVE THE LEVEL OF THE STATE HIGHWAY.
Elapsed Time = 00:00:01
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The NGS Data Sheet

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DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 5.65
Starting Datasheet Retrieval...
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER  1, 1998
 FV0058 ***********************************************************************
 FV0058  DESIGNATION -  M 1095
 FV0058  PID         -  FV0058
 FV0058  STATE/COUNTY-  CA/SAN LUIS OBISPO
 FV0058  USGS QUAD   -  TEMPLETON (1979)
 FV0058
 FV0058                          *CURRENT SURVEY CONTROL
 FV0058
 FV0058* NAD 83(1986)-  35 37 03.      (N)     120 41 17.      (W)      SCALED
 FV0058* NAVD 88     -       222.923   (meters)      731.37    (feet)   ADJUSTED
 FV0058
 FV0058  GEOID HEIGHT-          -34.12  (meters)                         GEOID96
 FV0058  DYNAMIC HT  -          222.716 (meters)      730.69    (feet)   COMP
 FV0058  MODELED GRAV-      979,699.0   (mgal)                           NAVD 88
 FV0058
 FV0058  VERT ORDER  -  FIRST     CLASS I
 FV0058
 FV0058.The horizontal coordinates were scaled from a topographic map and have
 FV0058.an estimated accuracy of +/- 6 seconds.
 FV0058
 FV0058.The orthometric height was determined by differential leveling
 FV0058.and adjusted by the National Geodetic Survey in June 1991.
 FV0058
 FV0058.The geoid height was determined by GEOID96.
 FV0058
 FV0058.The dynamic height is computed by dividing the NAVD 88
 FV0058.geopotential number by the normal gravity value computed on the
 FV0058.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 FV0058.degrees latitude (G = 980.6199 gals.).
 FV0058
 FV0058.The modeled gravity was interpolated from observed gravity values.
 FV0058
 FV0058;                    North         East     Units  Estimated Accuracy
 FV0058;SPC CA 5     -   738,150.    1,756,490.      MT  (+/- 180 meters Scaled)
 FV0058
 FV0058                          SUPERSEDED SURVEY CONTROL
 FV0058
 FV0058  NGVD 29     -       221.924  (meters)      728.10    (feet)  ADJUSTED
 FV0058
 FV0058.Superseded values are not recommended for survey control.
 FV0058.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 FV0058.See file format.dat to determine how the superseded data were derived.
 FV0058
 FV0058_MARKER: DB = BENCH MARK DISK
 FV0058_SETTING: 38 = SET IN THE ABUTMENT OR PIER OF A LARGE BRIDGE
 FV0058_STAMPING: M 1095 1968
 FV0058_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 FV0058+STABILITY: SURFACE MOTION
 FV0058_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 FV0058+SATELLITE: SATELLITE OBSERVATIONS - January 23, 1989
 FV0058
 FV0058  HISTORY     - Date     Condition        Recov. By
 FV0058  HISTORY     - 1968     MONUMENTED       CGS
 FV0058  HISTORY     - 19890123 GOOD             NGS
 FV0058
 FV0058                          STATION DESCRIPTION
 FV0058
 FV0058'DESCRIBED BY COAST AND GEODETIC SURVEY 1968
 FV0058'AT PASO ROBLES.
 FV0058'AT PASO ROBLES, 0.3 MILE SOUTH ALONG THE SOUTHERN PACIFIC
 FV0058'RAILROAD FROM THE STATION, IN THE TOP AND 1.0 FOOT EAST OF THE
```

FV0058'WEST END OF THE NORTH CONCRETE ABUTMENT OF BRIDGE 216.59 OVER
FV0058'PINE STREET, 7.4 FEET WEST OF THE WEST RAIL, AND ABOUT 1 FOOT
FV0058'LOWER THAN THE TRACK.
FV0058
FV0058 STATION RECOVERY (1989)
FV0058
FV0058'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1989
FV0058'RECOVERED IN GOOD CONDITION.
Elapsed Time = 00:00:01

The NGS Data Sheet

```
DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 5.65
Starting Datasheet Retrieval...
1         National Geodetic Survey,   Retrieval Date = SEPTEMBER  1, 1998
 FV0069 ***********************************************************************
 FV0069  DESIGNATION -  L 24
 FV0069  PID         -  FV0069
 FV0069  STATE/COUNTY-  CA/SAN LUIS OBISPO
 FV0069  USGS QUAD   -  PASO ROBLES (1984)
 FV0069
 FV0069                          *CURRENT SURVEY CONTROL
 FV0069
 FV0069* NAD 83(1986)-  35 37 33.      (N)    120 41 20.      (W)      SCALED
 FV0069* NAVD 88     -       222.978  (meters)     731.55    (feet)   ADJUSTED
 FV0069
 FV0069  GEOID HEIGHT-         -34.10  (meters)                        GEOID96
 FV0069  DYNAMIC HT  -         222.771 (meters)     730.87    (feet)   COMP
 FV0069  MODELED GRAV-     979,701.9   (mgal)                          NAVD 88
 FV0069
 FV0069  VERT ORDER  -  FIRST     CLASS II
 FV0069
 FV0069.The horizontal coordinates were scaled from a topographic map and have
 FV0069.an estimated accuracy of +/- 6 seconds.
 FV0069
 FV0069.The orthometric height was determined by differential leveling
 FV0069.and adjusted by the National Geodetic Survey in June 1991.
 FV0069
 FV0069.The geoid height was determined by GEOID96.
 FV0069
 FV0069.The dynamic height is computed by dividing the NAVD 88
 FV0069.geopotential number by the normal gravity value computed on the
 FV0069.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 FV0069.degrees latitude (G = 980.6199 gals.).
 FV0069
 FV0069.The modeled gravity was interpolated from observed gravity values.
 FV0069
 FV0069;                    North          East     Units  Estimated Accuracy
 FV0069;SPC CA 5     -   739,080.    1,756,440.      MT  (+/- 180 meters Scaled)
 FV0069
 FV0069                          SUPERSEDED SURVEY CONTROL
 FV0069
 FV0069  NGVD 29     -       221.996  (meters)     728.33    (feet)   ADJUSTED
 FV0069
 FV0069.Superseded values are not recommended for survey control.
 FV0069.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 FV0069.See file format.dat to determine how the superseded data were derived.
 FV0069
 FV0069_MARKER: DB = BENCH MARK DISK
 FV0069_SETTING: 31 = SET IN A PAVEMENT SUCH AS STREET, SIDEWALK, CURB, ETC.
 FV0069_STAMPING: L 24 1920
 FV0069_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY
 FV0069_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR
 FV0069+SATELLITE: SATELLITE OBSERVATIONS - January 30, 1989
 FV0069
 FV0069  HISTORY     - Date     Condition        Recov. By
 FV0069  HISTORY     - 1920     MONUMENTED       CGS
 FV0069  HISTORY     - 1968     GOOD             NGS
 FV0069  HISTORY     - 19890130 GOOD             NGS
 FV0069
 FV0069                          STATION DESCRIPTION
 FV0069
 FV0069'DESCRIBED BY NATIONAL GEODETIC SURVEY 1968
 FV0069'AT PASO ROBLES.
 FV0069'AT PASO ROBLES, AT THE SOUTHWEST CORNER OF THE JUNCTION OF PINE
 FV0069'AND 11TH STREETS, IN THE TOP OF THE NORTHEAST CORNER OF THE
```

FV0069'CONCRETE PORCH OF PASO ROBLES HOT SPRINGS BUILDING AT 840 11TH
FV0069'STREET, 13.3 FEET SOUTH OF THE SOUTH CURB OF 11TH STREET, 38.6
FV0069'FEET WEST OF THE WEST CURB OF PINE STREET, 10 FEET EAST OF THE
FV0069'CENTER OF THE MAIN ENTRANCE TO THE BUILDING, AND ABOUT 1 FOOT
FV0069'HIGHER THAN THE STREETS.
FV0069
FV0069 STATION RECOVERY (1989)
FV0069
FV0069'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1989
FV0069'RECOVERED IN GOOD CONDITION WITH THE FOLLOWING EXCEPTION. CHANGE--PASO
FV0069'ROBLES HOT SPRINGS, TO FAIRBAIRN.

*** retrieval complete.
Elapsed Time = 00:00:01

The NGS Data Sheet

```
DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 5.65
Starting Datasheet Retrieval...
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER  1, 1998
 FV1959 ***********************************************************************
 FV1959  DESIGNATION -  B 1451
 FV1959  PID         -  FV1959
 FV1959  STATE/COUNTY-  CA/SAN LUIS OBISPO
 FV1959  USGS QUAD   -  PASO ROBLES (1984)
 FV1959
 FV1959                          *CURRENT SURVEY CONTROL
 FV1959
 FV1959* NAD 83(1986)-  35 37 51.      (N)     120 41 18.      (W)      SCALED
 FV1959* NAVD 88     -       217.529   (meters)      713.68    (feet)   ADJUSTED
 FV1959
 FV1959  GEOID HEIGHT-          -34.10  (meters)                         GEOID96
 FV1959  DYNAMIC HT  -          217.328 (meters)      713.02    (feet)   COMP
 FV1959  MODELED GRAV-      979,702.6   (mgal)                           NAVD 88
 FV1959
 FV1959  VERT ORDER  -  FIRST     CLASS II
 FV1959
 FV1959.The horizontal coordinates were scaled from a topographic map and have
 FV1959.an estimated accuracy of +/- 6 seconds.
 FV1959
 FV1959.The orthometric height was determined by differential leveling
 FV1959.and adjusted by the National Geodetic Survey in June 1991.
 FV1959
 FV1959.The geoid height was determined by GEOID96.
 FV1959
 FV1959.The dynamic height is computed by dividing the NAVD 88
 FV1959.geopotential number by the normal gravity value computed on the
 FV1959.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 FV1959.degrees latitude (G = 980.6199 gals.).
 FV1959
 FV1959.The modeled gravity was interpolated from observed gravity values.
 FV1959
 FV1959;                      North         East     Units  Estimated Accuracy
 FV1959;SPC CA 5     -    739,630.    1,756,510.       MT  (+/- 180 meters Scaled)
 FV1959
 FV1959                           SUPERSEDED SURVEY CONTROL
 FV1959
 FV1959.No superseded survey control is available for this station.
 FV1959
 FV1959_MARKER: I = METAL ROD
 FV1959_SETTING: 49 = STAINLESS STEEL ROD W/O SLEEVE (10 FT.+)
 FV1959_STAMPING: B 1451 1989
 FV1959_PROJECTION: FLUSH
 FV1959_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
 FV1959_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR
 FV1959+SATELLITE: SATELLITE OBSERVATIONS - 1989
 FV1959_ROD/PIPE-DEPTH: 8.0  meters
 FV1959
 FV1959  HISTORY      - Date      Condition        Recov. By
 FV1959  HISTORY      - 1989      MONUMENTED       NGS
 FV1959
 FV1959                            STATION DESCRIPTION
 FV1959
 FV1959'DESCRIBED BY NATIONAL GEODETIC SURVEY 1989
 FV1959'IN PASO ROBLES, AT THE INTERSECTION OF 16TH STREET AND THE SOUTHERN
 FV1959'PACIFIC RAILROAD, 14.5 M (47.6 FT) NORTH OF THE CENTERLINE OF THE
 FV1959'STREET, 14.5 M (47.6 FT) WEST OF THE NEAR RAIL, 1.5 M (4.9 FT) NORTH
 FV1959'OF A FENCE CORNER, 0.3 M (1.0 FT) NORTH OF A FENCE CORNER, AND LEVEL
 FV1959'WITH THE STREET.  NOTE--ACCESS TO DATUM POINT IS HAD THROUGH A 5-INCH
 FV1959'LOGO CAP.
Elapsed Time = 00:00:01
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The NGS Data Sheet

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DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 5.65
Starting Datasheet Retrieval...
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER  1, 1998
 FV0073 ***********************************************************************
 FV0073  DESIGNATION -  T 1095
 FV0073  PID         -  FV0073
 FV0073  STATE/COUNTY-  CA/SAN LUIS OBISPO
 FV0073  USGS QUAD   -  PASO ROBLES (1984)
 FV0073
 FV0073                          *CURRENT SURVEY CONTROL
 FV0073
 FV0073* NAD 83(1986)-  35 38 26.      (N)    120 41 21.      (W)      SCALED
 FV0073* NAVD 88     -       219.744   (meters)     720.94    (feet)   ADJUSTED
 FV0073
 FV0073  GEOID HEIGHT-         -34.09  (meters)                        GEOID96
 FV0073  DYNAMIC HT  -         219.542 (meters)     720.28    (feet)   COMP
 FV0073  MODELED GRAV-     979,707.3   (mgal)                          NAVD 88
 FV0073
 FV0073  VERT ORDER  -  FIRST     CLASS I
 FV0073
 FV0073.The horizontal coordinates were scaled from a topographic map and have
 FV0073.an estimated accuracy of +/- 6 seconds.
 FV0073
 FV0073.The orthometric height was determined by differential leveling
 FV0073.and adjusted by the National Geodetic Survey in June 1991.
 FV0073
 FV0073.The geoid height was determined by GEOID96.
 FV0073
 FV0073.The dynamic height is computed by dividing the NAVD 88
 FV0073.geopotential number by the normal gravity value computed on the
 FV0073.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 FV0073.degrees latitude (G = 980.6199 gals.).
 FV0073
 FV0073.The modeled gravity was interpolated from observed gravity values.
 FV0073
 FV0073;                      North         East     Units  Estimated Accuracy
 FV0073;SPC CA 5     -   740,710.    1,756,460.      MT  (+/- 180 meters Scaled)
 FV0073
 FV0073                           SUPERSEDED SURVEY CONTROL
 FV0073
 FV0073  NGVD 29     -       218.793  (meters)     717.82   (feet)  ADJUSTED
 FV0073
 FV0073.Superseded values are not recommended for survey control.
 FV0073.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 FV0073.See file format.dat to determine how the superseded data were derived.
 FV0073
 FV0073_MARKER: DB = BENCH MARK DISK
 FV0073_SETTING: 38 = SET IN THE ABUTMENT OR PIER OF A LARGE BRIDGE
 FV0073_STAMPING: T 1095 1968
 FV0073_STABILITY: A = MOST RELIABLE AND EXPECTED TO HOLD
 FV0073+STABILITY: POSITION/ELEVATION WELL
 FV0073_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR
 FV0073+SATELLITE: SATELLITE OBSERVATIONS - January 23, 1989
 FV0073
 FV0073  HISTORY     - Date     Condition        Recov. By
 FV0073  HISTORY     - 1968     MONUMENTED       CGS
 FV0073  HISTORY     - 19890123 GOOD             NGS
 FV0073
 FV0073                           STATION DESCRIPTION
 FV0073
 FV0073'DESCRIBED BY COAST AND GEODETIC SURVEY 1968
 FV0073'1.2 MI N FROM PASO ROBLES.
 FV0073'1.2 MILES NORTH ALONG THE SOUTHERN PACIFIC COMPANY RAILROAD
 FV0073'FROM THE STATION AT PASO ROBLES, 3 POLES SOUTH OF MILEPOLE 215,
```

FV0073'SET VERTICALLY IN THE EAST FACE OF THE NORTH ONE OF THREE
FV0073'CONCRETE SUPPORT PIERS WEST OF THE TRACK AT THE 24TH STREET
FV0073'OVERPASS, 16.0 FEET WEST OF THE WEST RAIL, ABOUT 3 FEET HIGHER
FV0073'THAN THE TRACK AND 1 FOOT ABOVE THE GROUND.
FV0073
FV0073 STATION RECOVERY (1989)
FV0073
FV0073'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1989
FV0073'RECOVERED IN GOOD CONDITION.
Elapsed Time = 00:00:01

The NGS Data Sheet

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DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 5.65
Starting Datasheet Retrieval...
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER  1, 1998
 FV0081 ***********************************************************************
 FV0081  DESIGNATION -  692
 FV0081  PID         -  FV0081
 FV0081  STATE/COUNTY-  CA/SAN LUIS OBISPO
 FV0081  USGS QUAD   -  PASO ROBLES (1984)
 FV0081
 FV0081                          *CURRENT SURVEY CONTROL
 FV0081
 FV0081* NAD 83(1986)-  35 39 10.      (N)     120 41 35.      (W)      SCALED
 FV0081* NAVD 88      -       211.638  (meters)      694.35    (feet)   ADJUSTED
 FV0081
 FV0081  GEOID HEIGHT-          -34.07  (meters)                         GEOID96
 FV0081  DYNAMIC HT  -          211.445 (meters)      693.72    (feet)   COMP
 FV0081  MODELED GRAV-      979,717.3   (mgal)                           NAVD 88
 FV0081
 FV0081  VERT ORDER  -  FIRST     CLASS I
 FV0081
 FV0081.The horizontal coordinates were scaled from a topographic map and have
 FV0081.an estimated accuracy of +/- 6 seconds.
 FV0081
 FV0081.The orthometric height was determined by differential leveling
 FV0081.and adjusted by the National Geodetic Survey in June 1991.
 FV0081
 FV0081.The geoid height was determined by GEOID96.
 FV0081
 FV0081.The dynamic height is computed by dividing the NAVD 88
 FV0081.geopotential number by the normal gravity value computed on the
 FV0081.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 FV0081.degrees latitude (G = 980.6199 gals.).
 FV0081
 FV0081.The modeled gravity was interpolated from observed gravity values.
 FV0081
 FV0081;                      North         East     Units  Estimated Accuracy
 FV0081;SPC CA 5      -   742,080.    1,756,140.      MT  (+/- 180 meters Scaled)
 FV0081
 FV0081                          SUPERSEDED SURVEY CONTROL
 FV0081
 FV0081  NGVD 29      -       210.725  (meters)      691.35    (feet)  ADJUSTED
 FV0081
 FV0081.Superseded values are not recommended for survey control.
 FV0081.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 FV0081.See file format.dat to determine how the superseded data were derived.
 FV0081
 FV0081_MARKER: Q = CHISELED SQUARE
 FV0081_SETTING: 32 = SET IN A RETAINING WALL OR CONCRETE LEDGE
 FV0081_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 FV0081+STABILITY: SURFACE MOTION
 FV0081_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 FV0081+SATELLITE: SATELLITE OBSERVATIONS - January 23, 1989
 FV0081
 FV0081  HISTORY      - Date      Condition        Recov. By
 FV0081  HISTORY      - UNK       MONUMENTED       USGS
 FV0081  HISTORY      - 1968      GOOD             NGS
 FV0081  HISTORY      - 1974      GOOD
 FV0081  HISTORY      - 19890123  GOOD             NGS
 FV0081
 FV0081                          STATION DESCRIPTION
 FV0081
 FV0081'DESCRIBED BY NATIONAL GEODETIC SURVEY 1968
 FV0081'2.1 MI N FROM PASO ROBLES.
 FV0081'2.1 MILES NORTH ALONG THE SOUTHERN PACIFIC COMPANY RAILROAD FROM
```

FV0081'THE STATION AT PASO ROBLES, NEAR THE JUNCTION OF PARK AND 36TH
FV0081'STREETS, IN THE TOP AND 1.6 FEET NORTHWEST OF THE SOUTHEAST END
FV0081'OF THE SOUTHWEST CONCRETE HEAD WALL OF CULVERT 214.21, 7.0 FEET
FV0081'SOUTHWEST OF THE SOUTHWEST RAIL, AND ABOUT 3 FEET LOWER THAN
FV0081'THE TRACK.
FV0081
FV0081 STATION RECOVERY (1974)
FV0081
FV0081'RECOVERED 1974
FV0081'RECOVERED IN GOOD CONDITION.
FV0081
FV0081 STATION RECOVERY (1989)
FV0081
FV0081'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1989
FV0081'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
Elapsed Time = 00:00:01

The NGS Data Sheet

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DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 5.65
Starting Datasheet Retrieval...
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER  1, 1998
 FV0064 ***********************************************************************
 FV0064  DESIGNATION -  S 1210
 FV0064  PID         -  FV0064
 FV0064  STATE/COUNTY-  CA/SAN LUIS OBISPO
 FV0064  USGS QUAD   -  PASO ROBLES (1984)
 FV0064
 FV0064                          *CURRENT SURVEY CONTROL
 FV0064
 FV0064* NAD 83(1986)-  35 38 14.      (N)    120 38 15.      (W)      SCALED
 FV0064* NAVD 88     -       231.96    (+/-2cm)     761.0     (feet)   VERTCON
 FV0064
 FV0064  GEOID HEIGHT-          -34.11  (meters)                        GEOID96
 FV0064
 FV0064  VERT ORDER  -  FIRST     CLASS I (See Below)
 FV0064
 FV0064.The horizontal coordinates were scaled from a topographic map and have
 FV0064.an estimated accuracy of +/- 6 seconds.
 FV0064
 FV0064.The NAVD 88 height was computed by applying the VERTCON shift value to
 FV0064.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
 FV0064.The vertical order pertains to the superseded datum.
 FV0064
 FV0064.The geoid height was determined by GEOID96.
 FV0064
 FV0064;                      North          East     Units  Estimated Accuracy
 FV0064;SPC CA 5     -   740,220.     1,761,130.       MT  (+/- 180 meters Scaled)
 FV0064
 FV0064                             SUPERSEDED SURVEY CONTROL
 FV0064
 FV0064  NGVD 29     -       231.018  (meters)      757.93    (feet)  ADJ UNCH
 FV0064
 FV0064.Superseded values are not recommended for survey control.
 FV0064.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 FV0064.See file format.dat to determine how the superseded data were derived.
 FV0064
 FV0064_MARKER: DB = BENCH MARK DISK
 FV0064_SETTING: 30 = SET IN A LIGHT STRUCTURE
 FV0064_STAMPING: S 1210 1970
 FV0064_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY
 FV0064
 FV0064  HISTORY     - Date     Condition        Recov. By
 FV0064  HISTORY     - 1970     MONUMENTED       NGS
 FV0064
 FV0064                           STATION DESCRIPTION
 FV0064
 FV0064'DESCRIBED BY NATIONAL GEODETIC SURVEY 1970
 FV0064'2.9 MI E FROM PASO ROBLES.
 FV0064'2.05 MILES EAST ALONG STATE HIGHWAY 46 FROM THE U.S. HIGHWAY 101
 FV0064'OVERPASS AT PASO ROBLES, THENCE 0.85 MILE SOUTHEAST ALONG UNION
 FV0064'ROAD, 0.15 MILE WEST OF THE JUNCTION OF A DRIVEWAY TO A STUCCOED
 FV0064'HOUSE, AT THE CROSSING OF A DRY WASH, IN THE TOP AND 0.6 FOOT
 FV0064'EAST OF THE WEST END OF THE NORTH CONCRETE HEAD WALL OF A
 FV0064'CONCRETE BOX CULVERT, 26 FEET NORTH OF THE CENTER LINE OF THE
 FV0064'ROAD, AND ABOUT 1 FOOT LOWER THAN THE ROAD.  SECTION 25, T 26 S,
 FV0064'R 12 E.
Elapsed Time = 00:00:01
```

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San Luis Obispo County – Hwy 046 **{ Metric value * 3937 / 1200 = US Survey Foot value}**

Route 46 **PM** 31.31 **KP** 50.38 **NAME** R 1210 Reset 1974

NAD83(92)Nm **NAD83(92)Em** **NGVD29m** 244.290 **List** 73 **Loop**

NAD83Nm **NAD83Em** **NAVD88m** **List-** **Loop-**

NAD27Nm **NAD27Em** **GSF**

ARBNm **ARBEm**

Found In

Text USC&GS std disk, 1.5' W of E end of N conc EW of pipe culv, 33.5' N of C/L Hwy, 270' W of C/L Golden Hill Rd.

Route 46 **PM** 31.33 **KP** 50.41 **NAME**

NAD83(92)Nm **NAD83(92)Em** **NGVD29m** 243.889 **List** 73 **Loop**

NAD83Nm **NAD83Em** **NAVD88m** **List-** **Loop-**

NAD27Nm 241097.340 **NAD27Em** 369001.725 **GSF** 1.0000436

ARBNm **ARBEm**

Found In FB#3625

Text 1 in. IP w/pp & tac, buried 0.4', 2.0' W of witness post, 47.8' lt C/L stripe, 4.7' S of 4' CL fc, 88.0' E of C/L Golden Hill Rd, 12.5' N of ES widening, 46.7' E of W end CL fc.

Route 46 **PM** 31.39 **KP** 50.51 **NAME**

NAD83(92)Nm **NAD83(92)Em** **NGVD29m** **List** **Loop**

NAD83Nm **NAD83Em** **NAVD88m** **List-** **Loop-**

NAD27Nm 241091.945 **NAD27Em** 369087.041 **GSF** 1.0000436

ARBNm **ARBEm**

Found In Doc#49

Text 1 in. IP w/pp, bathey cap & nail, buried 0.4', 4.5' S of 42 in. Oak tree, 12.7' N of N ER ,400' E of intersec Hwy 46/Gold Hill rd. Swing Ties:17.60' to HN & 18.48' to PK along ER.

Route 46 **PM** 31.58 **KP** 50.82 **NAME** 100-16

NAD83(92)Nm **NAD83(92)Em** **NGVD29m** **List** **Loop**

NAD83Nm **NAD83Em** **NAVD88m** **List-** **Loop-**

NAD27Nm 241066.400 **NAD27Em** 369400.734 **GSF** 1.0000436

ARBNm **ARBEm**

Found In Shmmb#3pg17

Text 3/4 in. IP w/plug & tack, 23.0' rt 122+75 POT Hwy 46.

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Since this data and associated information is in the process of being developed and compiled using public funds, it is public information. No proprietary rights are granted and the data may not be represented as being other than Caltrans data.

San Luis Obispo County – Hwy 046 { Metric value * 3937 / 1200 = US Survey Foot value}

Route 46 **PM** 31.58 **KP** 50.82 **NAME** 100-16 ECC

NAD83(92)Nm		**NAD83(92)Em**		**NGVD29m**	**List** **Loop**
NAD83Nm		**NAD83Em**		**NAVD88m**	**List-** **Loop-**
NAD27Nm	241066.405	**NAD27Em**	369400.725		
				GSF 1.0000436	
ARBNm		**ARBEm**			

Found In Shmmb#3pg17

Text 1 in. IP w/pp & bathey cap, buried 0.4' behind S AC dike, in hole where 10016 was fd bent, removed & replaced with new mon, 23.0' rt 122+75 POT. Swing Ties: 12.85' to hardnail, 13.33' to PK nail, along ER.

Route 46 **PM** 31.80 **KP** 51.17 **NAME** Union 1944

NAD83(92)Nm		**NAD83(92)Em**		**NGVD29m**	**List** **Loop**
NAD83Nm	742435.221	**NAD83Em**	1770696.490	**NAVD88m**	**List-** **Loop-**
NAD27Nm		**NAD27Em**			
				GSF	
ARBNm		**ARBEm**			

Found In

Text From Jct Union Rd/Hwy 46, N on Union Rd 0.2 Mi to entrance Wasts disposal site, 400' E to E/W fc. Quad 35120 Sta

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Route 46 **PM** 31.80 **KP** 51.17 **NAME** Union Road (Ranchito Cyn Rd)

NAD83(92)Nm		**NAD83(92)Em**		**NGVD29m**	**List** **Loop**
NAD83Nm		**NAD83Em**		**NAVD88m**	**List-** **Loop-**
NAD27Nm		**NAD27Em**			
				GSF	
ARBNm		**ARBEm**			

Found In

Text

Route 46 **PM** 31.80 **KP** 51.17 **NAME** F 520 reset 1989

NAD83(92)Nm		**NAD83(92)Em**		**NGVD29m**	236.280	**List** 73	**Loop**
NAD83Nm		**NAD83Em**		**NAVD88m**		**List-**	**Loop-**
NAD27Nm		**NAD27Em**					
				GSF			
ARBNm		**ARBEm**					

Found In

Text USC&GS std disk, 0.7' S of N end of W conc HW of pipe culv under Union Rd, 99' S C/L Hwy, 38' NW C/L Paso Robles Blvd, 71' W C/L Union Rd, 2' lower than Hwy/Union.
