



29714 Haun Road
Menifee, CA 92586

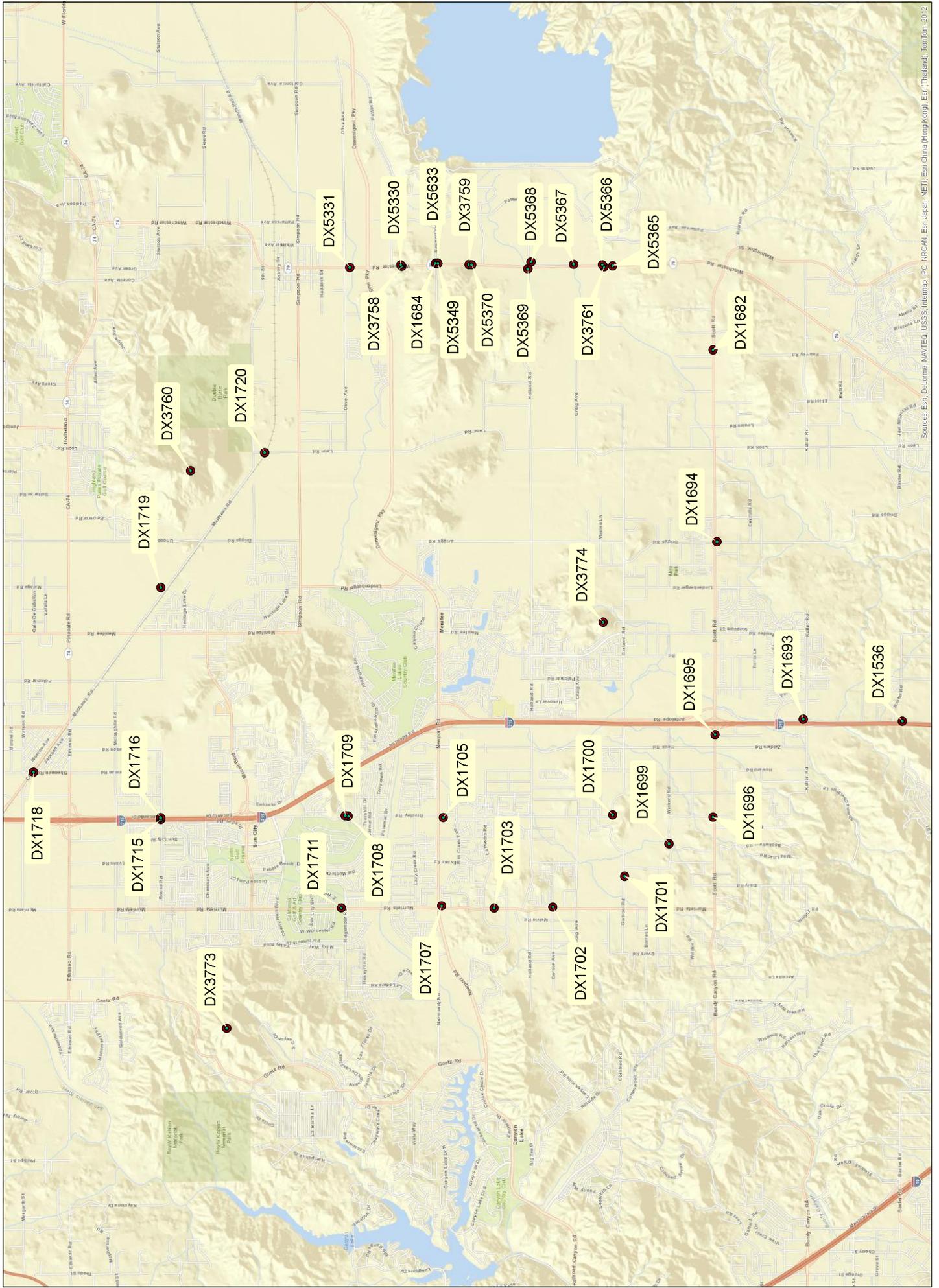
CITY OF MENIFEE BENCHMARK BOOK

City of Menifee Benchmark Book

Area Benchmarks are on NAVD 88 Datum and are from a collection of Benchmarks from the National Geodetic Survey.

No Levels or site visits have been conducted for this compilation. If Benchmarks have been found missing or destroyed, please report to Dennis Janda, PLS, City of Menifee Surveyor at 951-672-6777.

BENCHMARK EXHIBIT



The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1536 *****
DX1536 DESIGNATION - 600 18
DX1536 PID - DX1536
DX1536 STATE/COUNTY- CA/RIVERSIDE
DX1536 COUNTRY - US
DX1536 USGS QUAD - MURRIETA (1979)
DX1536
DX1536 *CURRENT SURVEY CONTROL
DX1536
DX1536 * NAD 83(1986) POSITION- 33 36 43. (N) 117 10 14. (W) SCALED
DX1536 * NAVD 88 ORTHO HEIGHT - 488.06 (+/-2cm) 1601.2 (feet) VERTCON
DX1536
DX1536 GEOID HEIGHT - -32.61 (meters) GEOID12A
DX1536 VERT ORDER - FIRST CLASS II (See Below)
DX1536
DX1536 .The horizontal coordinates were scaled from a topographic map and have
DX1536 .an estimated accuracy of +/- 6 seconds.
DX1536 .
DX1536 .The NAVD 88 height was computed by applying the VERTCON shift value to
DX1536 .the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1536
DX1536 .The vertical order pertains to the NGVD 29 superseded value.
DX1536
DX1536 ;
DX1536 ;SPC CA 6 - North East Units Estimated Accuracy
DX1536 ; 660,660. 1,914,570. MT (+/- 180 meters Scaled)
DX1536
DX1536 SUPERSEDED SURVEY CONTROL
DX1536
DX1536 NGVD 29 (??/??/??) 487.325 (m) 1598.83 (f) ADJUSTED 1 2
DX1536
DX1536 .Superseded values are not recommended for survey control.
DX1536
DX1536 .NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1536 .See file dsdata.txt to determine how the superseded data were derived.
DX1536
DX1536 _U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT841191(NAD 83)
DX1536
DX1536 _MARKER: DD = SURVEY DISK
DX1536 _SETTING: 80 = SET IN A BOULDER
DX1536 _SP_SET: BOULDER
DX1536 _STAMPING: 600-18-68
DX1536 _STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1536 +STABILITY: SURFACE MOTION
DX1536
DX1536 HISTORY - Date Condition Report By
DX1536 HISTORY - 1968 MONUMENTED CA-065
DX1536
DX1536 STATION DESCRIPTION
DX1536
DX1536 'DESCRIBED BY RIVERSIDE COUNTY CALIFORNIA 1968
DX1536 '5.8 MI N FROM MURRIETA.
DX1536 '0.2 MILES SOUTH ON WASHINGTON AVENUE FROM THE POST OFFICE IN
DX1536 'MURRIETA, 2.4 MILES EAST ON LOS ALAMOS ROAD, 3.1 MILES NORTH ON
DX1536 'HIGHWAY 395, 170 FEET EAST OF THE NORTH BOUND LANE OF THE HIGHWAY
DX1536 'TO A POINT ON THE TOP OF A SMALL KNOLL, 2 FEET SOUTH OF A MARKER
DX1536 'POST, SET A BRASS DISK ON THE TOP OF A 3 X 4 X 4 FEET BOULDER
DX1536 'AND LEVEL WITH THE HIGHWAY.

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

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The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1682 *****
DX1682 DESIGNATION - W 312
DX1682 PID - DX1682
DX1682 STATE/COUNTY- CA/RIVERSIDE
DX1682 COUNTRY - US
DX1682 USGS QUAD - WINCHESTER (1979)
DX1682
DX1682 *CURRENT SURVEY CONTROL
DX1682
DX1682 *-----*
DX1682* NAD 83(1986) POSITION- 33 38 30. (N) 117 06 01. (W) SCALED
DX1682* NAVD 88 ORTHO HEIGHT - 434.78 (+/-2cm) 1426.4 (feet) VERTCON
DX1682 *-----*
DX1682 GEOID HEIGHT - -32.47 (meters) GEOID12A
DX1682 VERT ORDER - SECOND CLASS 0 (See Below)
DX1682
DX1682.The horizontal coordinates were scaled from a topographic map and have
DX1682.an estimated accuracy of +/- 6 seconds.
DX1682.
DX1682.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1682.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1682
DX1682.The vertical order pertains to the NGVD 29 superseded value.
DX1682
DX1682; North East Units Estimated Accuracy
DX1682;SPC CA 6 - 663,910. 1,921,120. MT (+/- 180 meters Scaled)
DX1682
DX1682 SUPERSEDED SURVEY CONTROL
DX1682
DX1682 NGVD 29 (??/??/??) 434.037 (m) 1424.00 (f) ADJUSTED 2 0
DX1682
DX1682.Superseded values are not recommended for survey control.
DX1682
DX1682.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1682.See file dsdata.txt to determine how the superseded data were derived.
DX1682
DX1682_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT907224(NAD 83)
DX1682
DX1682_MARKER: DB = BENCH MARK DISK
DX1682_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1682_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1682_STAMPING: W 312 1935
DX1682_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1682+STABILITY: SURFACE MOTION
DX1682
DX1682 HISTORY - Date Condition Report By
DX1682 HISTORY - 1935 MONUMENTED CGS
DX1682 HISTORY - 1958 MARK NOT FOUND CGS
DX1682
DX1682 STATION DESCRIPTION
DX1682
DX1682'DESCRIBED BY COAST AND GEODETIC SURVEY 1935
DX1682'5.5 MI SW FROM WINCHESTER.
DX1682'4.5 MILES SOUTH ALONG THE TEMECULA ROAD FROM WINCHESTER, RIVERSIDE
DX1682'COUNTY, THENCE 1.0 MILE WEST ALONG THE SCOTT ROAD, 0.2 MILE EAST
DX1682'OF THE JUNCTION OF A ROAD LEADING TO A FARMHOUSE, 38 FEET NORTH
DX1682'OF THE WEST ONE OF A ROW OF LARGE EUCALYPTUS TREES, AND 18 FEET
DX1682'NORTH OF THE CENTERLINE OF THE ROAD. A STANDARD DISK, STAMPED
DX1682'W 312 1935 AND SET IN THE TOP OF A CONCRETE POST.
DX1682
DX1682 STATION RECOVERY (1958)
DX1682
DX1682'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1958
DX1682'MARK NOT FOUND.

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

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The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1684 *****
DX1684 DESIGNATION - V 311
DX1684 PID - DX1684
DX1684 STATE/COUNTY- CA/RIVERSIDE
DX1684 COUNTRY - US
DX1684 USGS QUAD - WINCHESTER (1979)
DX1684
DX1684 *CURRENT SURVEY CONTROL
DX1684
DX1684* NAD 83(1992) POSITION- 33 41 07.46706(N) 117 05 02.08818(W) ADJUSTED
DX1684* NAD 83(1992) EPOCH - 1991.35
DX1684* NAVD 88 ORTHO HEIGHT - 458.93 (+/-2cm) 1505.7 (feet) VERTCON
DX1684
DX1684 LAPLACE CORR - 2.61 (seconds) DEFLEC12A
DX1684 GEOID HEIGHT - -32.45 (meters) GEOID12A
DX1684 HORZ ORDER - SECOND
DX1684 VERT ORDER - SECOND CLASS 0 (See Below)
DX1684
DX1684.The horizontal coordinates were established by classical geodetic methods
DX1684.and adjusted by the National Geodetic Survey in June 1996.
DX1684.
DX1684.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1684.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1684
DX1684.The vertical order pertains to the NGVD 29 superseded value.
DX1684
DX1684.The Laplace correction was computed from DEFLEC12A derived deflections.
DX1684
DX1684. The following values were computed from the NAD 83(1992) position.
DX1684
DX1684;
DX1684;          North          East          Units Scale Factor Converg.
DX1684;SPC CA 6 - 668,743.782 1,922,679.169 MT 0.99997290 -0 27 29.7
DX1684;SPC CA 6 - 2,194,036.89 6,307,989.91 sFT 0.99997290 -0 27 29.7
DX1684;UTM 11 - 3,727,278.638 492,222.330 MT 0.99960075 -0 02 47.5
DX1684
DX1684! - Elev Factor x Scale Factor = Combined Factor
DX1684!SPC CA 6 - 0.99993305 x 0.99997290 = 0.99990595
DX1684!UTM 11 - 0.99993305 x 0.99960075 = 0.99953383
DX1684
DX1684 SUPERSEDED SURVEY CONTROL
DX1684
DX1684 NAD 83(1986)- 33 41 07.46425(N) 117 05 02.08845(W) AD(1984.00) 2
DX1684 NAD 27 - 33 41 07.38457(N) 117 04 58.98904(W) AD( ) 2
DX1684 NGVD 29 (??/??/??) 458.175 (m) 1503.20 (f) ADJUSTED 2 0
DX1684
DX1684.Superseded values are not recommended for survey control.
DX1684
DX1684.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1684.See file dsdata.txt to determine how the superseded data were derived.
DX1684
DX1684_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT9222227278(NAD 83)
DX1684
DX1684_MARKER: DB = BENCH MARK DISK
DX1684_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1684_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1684_STAMPING: V 311 1935
DX1684_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1684+STABILITY: SURFACE MOTION
DX1684
DX1684 HISTORY - Date Condition Report By
DX1684 HISTORY - 1935 MONUMENTED CGS
DX1684 HISTORY - 1972 GOOD NGS
DX1684
DX1684 STATION DESCRIPTION
DX1684
DX1684'DESCRIBED BY COAST AND GEODETIC SURVEY 1935
DX1684'1.8 MI S FROM WINCHESTER.
DX1684'1.8 MILES SOUTH ALONG THE TEMECULA ROAD FROM THE ATCHISON,

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DATASHEETS

DX1684' TOPEKA AND SANTA FE RAILWAY STATION AT WINCHESTER, RIVERSIDE
DX1684' COUNTY, AT A SMALL S CURVE, AT A ROAD INTERSECTION, 56 FEET EAST
DX1684' OF THE CENTERLINE OF THE TEMECULA ROAD, 19 FEET SOUTH OF THE
DX1684' CENTERLINE OF THE EAST-AND-WEST ROAD, 7 FEET SOUTH OF A FENCE
DX1684' CORNER, AND 2 FEET WEST OF THE FENCE. A STANDARD DISK, STAMPED
DX1684' V 311 1935 AND SET IN THE TOP OF A CONCRETE POST.

DX1684
DX1684 STATION RECOVERY (1972)

DX1684
DX1684 RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1972
DX1684 RECOVERED IN GOOD CONDITION.

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

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1693 *****
DX1693 DESIGNATION - 600 19
DX1693 PID - DX1693
DX1693 STATE/COUNTY- CA/RIVERSIDE
DX1693 COUNTRY - US
DX1693 USGS QUAD - ROMOLAND (1979)
DX1693
DX1693 *CURRENT SURVEY CONTROL
DX1693
DX1693 NAD 83(1986) POSITION- 33 37 39. (N) 117 10 13. (W) SCALED
DX1693 * NAVD 88 ORTHO HEIGHT - 476.97 (+/-2cm) 1564.9 (feet) VERTCON
DX1693
DX1693 GEOID HEIGHT - -32.60 (meters) GEOID12A
DX1693 VERT ORDER - FIRST CLASS II (See Below)
DX1693
DX1693.The horizontal coordinates were scaled from a topographic map and have
DX1693.an estimated accuracy of +/- 6 seconds.
DX1693.
DX1693.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1693.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1693
DX1693.The vertical order pertains to the NGVD 29 superseded value.
DX1693
DX1693; North East Units Estimated Accuracy
DX1693;SPC CA 6 - 662,390. 1,914,620. MT (+/- 180 meters Scaled)
DX1693
DX1693 SUPERSEDED SURVEY CONTROL
DX1693
DX1693 NGVD 29 (??/??/??) 476.224 (m) 1562.41 (f) ADJUSTED 1 2
DX1693
DX1693.Superseded values are not recommended for survey control.
DX1693
DX1693.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1693.See file dsdata.txt to determine how the superseded data were derived.
DX1693
DX1693_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT842208(NAD 83)
DX1693
DX1693_MARKER: DD = SURVEY DISK
DX1693_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1693_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1693_STAMPING: 600-19-68
DX1693_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1693+STABILITY: SURFACE MOTION
DX1693
DX1693 HISTORY - Date Condition Report By
DX1693 HISTORY - 1968 MONUMENTED CA-065
DX1693
DX1693 STATION DESCRIPTION
DX1693
DX1693'DESCRIBED BY RIVERSIDE COUNTY CALIFORNIA 1968
DX1693'6.5 MI N FROM MURRIETA.
DX1693'0.2 MILES SOUTH ON WASHINGTON AVE. FROM THE POST OFFICE IN
DX1693'MURRIETA, 2.4 MILES EAST ON LOS ALAMOS RD., 3.9 MILES NORTH ON
DX1693'HWY. 395, 700 FT. NORTH OF THE INTERSECTION OF HWY. 395 AND KELLER
DX1693'AVE., 36 FT. EAST OF HWY. 395 AND 3 FT. LOWER THAN THE HIGHWAY,
DX1693'5 FT. SOUTH OF POWER POLE 153630W, 2 FT. NORTH OF A MARKER POST,
DX1693'SET A BRASS DISK IN THE TOP OF A CONCRETE POST.

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

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The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1694 *****
DX1694 DESIGNATION - V 312
DX1694 PID - DX1694
DX1694 STATE/COUNTY- CA/RIVERSIDE
DX1694 COUNTRY - US
DX1694 USGS QUAD - ROMOLAND (1979)
DX1694
DX1694 *CURRENT SURVEY CONTROL
DX1694
DX1694 *-----*
DX1694* NAD 83(1986) POSITION- 33 38 28. (N) 117 08 12. (W) SCALED
DX1694* NAVD 88 ORTHO HEIGHT - 458.24 (+/-2cm) 1503.4 (feet) VERTCON
DX1694 *-----*
DX1694 GEOID HEIGHT - -32.54 (meters) GEOID12A
DX1694 VERT ORDER - SECOND CLASS 0 (See Below)
DX1694
DX1694.The horizontal coordinates were scaled from a topographic map and have
DX1694.an estimated accuracy of +/- 6 seconds.
DX1694.
DX1694.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1694.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1694
DX1694.The vertical order pertains to the NGVD 29 superseded value.
DX1694
DX1694;
DX1694;SPC CA 6 - North East Units Estimated Accuracy
DX1694; 663,870. 1,917,750. MT (+/- 180 meters Scaled)
DX1694
DX1694 SUPERSEDED SURVEY CONTROL
DX1694
DX1694 NGVD 29 (??/??/??) 457.499 (m) 1500.98 (f) ADJUSTED 2 0
DX1694
DX1694.Superseded values are not recommended for survey control.
DX1694
DX1694.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1694.See file dsdata.txt to determine how the superseded data were derived.
DX1694
DX1694 U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT873223(NAD 83)
DX1694
DX1694_MARKER: DB = BENCH MARK DISK
DX1694_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1694_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1694_STAMPING: V 312 1935
DX1694_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1694+STABILITY: SURFACE MOTION
DX1694
DX1694 HISTORY - Date Condition Report By
DX1694 HISTORY - 1935 MONUMENTED CGS
DX1694 HISTORY - 1972 GOOD CA-065
DX1694
DX1694 STATION DESCRIPTION
DX1694
DX1694'DESCRIBED BY COAST AND GEODETIC SURVEY 1935
DX1694'7.6 MI SW FROM WINCHESTER.
DX1694'4.5 MILES SOUTH ALONG THE TEMECULA ROAD FROM WINCHESTER, RIVERSIDE
DX1694'COUNTY, THENCE 3.1 MILES WEST ALONG THE SCOTT ROAD, 2.0 MILES
DX1694'EAST OF ANTELOPE SCHOOL, AT A ROAD INTERSECTION, 55 FEET WEST
DX1694'OF THE CENTERLINE OF THE NORTH-AND-SOUTH ROAD, 18 FEET SOUTH OF
DX1694'THE CENTERLINE OF THE SCOTT ROAD, 4 FEET SOUTHWEST OF A GROUP
DX1694'OF THREE MAIL BOXES, AND 1 FOOT NORTH OF THE FENCE. A STANDARD
DX1694'DISK, STAMPED V 312 1935 AND SET IN THE TOP OF A CONCRETE POST.
DX1694
DX1694 STATION RECOVERY (1972)
DX1694
DX1694'RECOVERY NOTE BY RIVERSIDE COUNTY CALIFORNIA 1972
DX1694'RECOVERED IN GOOD CONDITION.

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

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The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1695 *****
DX1695 DESIGNATION - 600 20
DX1695 PID - DX1695
DX1695 STATE/COUNTY- CA/RIVERSIDE
DX1695 COUNTRY - US
DX1695 USGS QUAD - ROMOLAND (1979)
DX1695
DX1695 *CURRENT SURVEY CONTROL
DX1695
DX1695 *NAD 83(1986) POSITION- 33 38 28.98 (N) 117 10 23.28 (W) HD_HELD1
DX1695 * NAVD 88 ORTHO HEIGHT - 463.30 (+/-2cm) 1520.0 (feet) VERTCON
DX1695
DX1695 GEOID HEIGHT - -32.61 (meters) GEOID12A
DX1695 VERT ORDER - FIRST CLASS II (See Below)
DX1695
DX1695.The horizontal coordinates were determined by differentially corrected
DX1695.hand held GPS observations or other comparable positioning techniques
DX1695.and have an estimated accuracy of +/- 3 meters.
DX1695.
DX1695.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1695.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1695
DX1695.The vertical order pertains to the NGVD 29 superseded value.
DX1695
DX1695.Photographs are available for this station.
DX1695
DX1695; North East Units Estimated Accuracy
DX1695;SPC CA 6 - 663,930.8 1,914,363.6 MT (+/- 3 meters HH1 GPS)
DX1695
DX1695 SUPERSEDED SURVEY CONTROL
DX1695
DX1695 NGVD 29 (??/??/??) 462.549 (m) 1517.55 (f) ADJUSTED 1 2
DX1695
DX1695.Superseded values are not recommended for survey control.
DX1695
DX1695.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1695.See file dsdata.txt to determine how the superseded data were derived.
DX1695
DX1695_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT8394422407(NAD 83)
DX1695
DX1695_MARKER: DD = SURVEY DISK
DX1695_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1695_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1695_STAMPING: 600 20 68
DX1695_MARK LOGO: CA-065
DX1695_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1695+STABILITY: SURFACE MOTION
DX1695
DX1695 HISTORY - Date Condition Report By
DX1695 HISTORY - 1968 MONUMENTED CA-065
DX1695
DX1695 STATION DESCRIPTION
DX1695
DX1695'DESCRIBED BY RIVERSIDE COUNTY CALIFORNIA 1968
DX1695'7.5 MI N FROM MURRIETA.
DX1695'0.2 MILES SOUTH ON WASHINGTON AVE. FROM THE POST OFFICE IN
DX1695'MURRIETA, 2.4 MILES EAST ON LOS ALAMOS RD., 4.8 MILES NORTH ON
DX1695'HWY. 395, 0.1 MILE WEST ON SCOTT RD., 78 FT. SOUTH-EAST OF POWER
DX1695'POLE 312098-S, 60 FT. SOUTH OF SCOTT RD., 4 FT. NORTH-WEST OF THE
DX1695'NORTH-EAST CORNER OF A PUMP HOUSE, 2 FT. WEST OF A MARKER POST.
DX1695'SET A BRASS DISK IN THE TOP OF A CONCRETE POST.

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

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The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DXL696 *****
DXL696 DESIGNATION - R 312
DXL696 PID - DXL696
DXL696 STATE/COUNTY- CA/RIVERSIDE
DXL696 COUNTRY - US
DXL696 USGS QUAD - ROMOLAND (1979)
DXL696
DXL696 *CURRENT SURVEY CONTROL
DXL696
DXL696 *-----*
DXL696 * NAD 83(1986) POSITION- 33 38 30.2 (N) 117 11 19.5 (W) HD_HELD2
DXL696 * NAVD 88 ORTHO HEIGHT - 483.76 (+/-2cm) 1587.1 (feet) VERTCON
DXL696 *-----*
DXL696 GEOID HEIGHT - -32.64 (meters) GEOID12A
DXL696 VERT ORDER - FIRST CLASS II (See Below)
DXL696
DXL696 .The horizontal coordinates were established by autonomous hand held GPS
DXL696 .observations and have an estimated accuracy of +/- 10 meters.
DXL696 .
DXL696 .The NAVD 88 height was computed by applying the VERTCON shift value to
DXL696 .the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DXL696 .
DXL696 .The vertical order pertains to the NGVD 29 superseded value.
DXL696 .
DXL696 .Photographs are available for this station.
DXL696 .
DXL696 ;
DXL696 ; SPC CA 6 - North East Units Estimated Accuracy
DXL696 ; 663,981. 1,912,915. MT (+/- 10 meters HH2 GPS)
DXL696
DXL696 SUPERSEDED SURVEY CONTROL
DXL696
DXL696 NGVD 29 (??/??/??) 483.002 (m) 1584.65 (f) ADJUSTED 1 2
DXL696
DXL696 .Superseded values are not recommended for survey control.
DXL696 .
DXL696 .NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DXL696 .See file dsdata.txt to determine how the superseded data were derived.
DXL696 .
DXL696 .U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT8249622447(NAD 83)
DXL696 .
DXL696 .MARKER: DB = BENCH MARK DISK
DXL696 .SETTING: 0 = UNSPECIFIED SETTING
DXL696 .SP_SET: SET IN TOP OF CONCRETE MONUMENT
DXL696 .STAMPING: R 312 1935
DXL696 .MARK LOGO: CGS
DXL696 .STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY
DXL696 .
DXL696 HISTORY - Date Condition Report By
DXL696 HISTORY - 1935 MONUMENTED CGS
DXL696 HISTORY - 1968 GOOD CGS
DXL696
DXL696 STATION DESCRIPTION
DXL696
DXL696 DESCRIBED BY COAST AND GEODETIC SURVEY 1968
DXL696 '8.5 MI N FROM ELSINORE.
DXL696 '4.0 MILES SOUTH ALONG THE TEMECULA ROAD FROM ELSINORE, RIVERSIDE
DXL696 'COUNTY, 6.3 MILES EAST ALONG THE BUNDY CANYON ROAD, 1.0 MILES
DXL696 'WEST OF ANTELOPE SCHOOL, NEAR THE TOP OF A HILL, AT THE EAST
DXL696 'END OF A CUT, AT A ROAD JUNCTION, 58 FEET NORTH OF THE CENTER
DXL696 'LINE OF THE BUNDY CANYON ROAD, AND 29 FEET WEST OF THE CENTER
DXL696 'LINE OF THE ROAD LEADING NORTH. A STANDARD BRASS SET IN THE TOP
DXL696 'OF A CONCRETE POST. RECOVERED IN GOOD CONDITION AUGUST 1958.
DXL696 'THE OLD ANTELOPE SCHOOL HAS BEEN DESTROYED AND A 76 SERVICE
DXL696 'STATION AND A CAFE ARE AT THE SITE OF THE SCHOOL HOUSE.

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

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The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DXL699 *****
DXL699 DESIGNATION - 600 22
DXL699 PID - DXL699
DXL699 STATE/COUNTY- CA/RIVERSIDE
DXL699 COUNTRY - US
DXL699 USGS QUAD - ROMOLAND (1979)
DXL699
DXL699 *CURRENT SURVEY CONTROL
DXL699
DXL699 *NAD 83(1986) POSITION- 33 38 55.0 (N) 117 11 37.7 (W) HD_HELD2
DXL699 *NAVD 88 ORTHO HEIGHT - 469.71 (+/-2cm) 1541.0 (feet) VERTCON
DXL699
DXL699 GEOID HEIGHT - -32.65 (meters) GEOID12A
DXL699 VERT ORDER - FIRST CLASS II (See Below)
DXL699
DXL699 .The horizontal coordinates were established by autonomous hand held GPS
DXL699 .observations and have an estimated accuracy of +/- 10 meters.
DXL699 .
DXL699 .The NAVD 88 height was computed by applying the VERTCON shift value to
DXL699 .the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DXL699
DXL699 .The vertical order pertains to the NGVD 29 superseded value.
DXL699
DXL699 .Photographs are available for this station.
DXL699
DXL699 ;
DXL699 ;SPC CA 6 - North East Units Estimated Accuracy
DXL699 ; 664,750. 1,912,453. MT (+/- 10 meters HH2 GPS)
DXL699
DXL699 SUPERSEDED SURVEY CONTROL
DXL699
DXL699 NGVD 29 (??/??/??) 468.947 (m) 1538.54 (f) ADJUSTED 1 2
DXL699
DXL699 .Superseded values are not recommended for survey control.
DXL699
DXL699 .NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DXL699 .See file dsdata.txt to determine how the superseded data were derived.
DXL699
DXL699 .U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT8202923212(NAD 83)
DXL699
DXL699 _MARKER: DD = SURVEY DISK
DXL699 _SETTING: 80 = SET IN A BOULDER
DXL699 _SP_SET: BOULDER
DXL699 _STAMPING: 600 22 68
DXL699 _MARK LOGO: CA-065
DXL699 _STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DXL699 +STABILITY: SURFACE MOTION
DXL699
DXL699 HISTORY - Date Condition Report By
DXL699 HISTORY - 1968 MONUMENTED CA-065
DXL699
DXL699 STATION DESCRIPTION
DXL699
DXL699 'DESCRIBED BY RIVERSIDE COUNTY CALIFORNIA 1968
DXL699 '5.3 MI S FROM SUN CITY.
DXL699 '4.1 MILES SOUTH ON MURRIETA RD., FROM THE CATHOLIC CHURCH AT
DXL699 'SUN CITY, 0.5 MILE EAST ON GARBONI RD., 0.5 MILE SOUTH ON WICKARD
DXL699 'RD. 0.2 MILE EAST ON WICKARD RD., 330 FT. EAST OF COX RD., 108 FT
DXL699 'NORTH OF POWER POLE NO NUMBER, 90 FT. SOUTH OF POWER POLE
DXL699 '1623617E, 90 WEST OF A 36 INCH EUCALYPTUS TREE, IN THE TOP OF A
DXL699 '3 X 5 X 10 FT. BOULDER IN A MOUND OF ROCK 3 X 10 X 20 FT. SET A
DXL699 'BRASS DISK.

*** retrieval complete.
Elapsed Time = 00:00:02

```

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1700 *****
DX1700 DESIGNATION - P 312
DX1700 PID - DX1700
DX1700 STATE/COUNTY- CA/RIVERSIDE
DX1700 COUNTRY - US
DX1700 USGS QUAD - ROMOLAND (1979)
DX1700
DX1700 *CURRENT SURVEY CONTROL
DX1700
DX1700 *-----*
DX1700 * NAD 83(1986) POSITION- 33 39 27. (N) 117 11 18. (W) SCALED
DX1700 * NAVD 88 ORTHO HEIGHT - 468.98 (+/-2cm) 1538.6 (feet) VERTCON
DX1700 *-----*
DX1700 GEOID HEIGHT - -32.64 (meters) GEOID12A
DX1700 VERT ORDER - SECOND CLASS 0 (See Below)
DX1700
DX1700.The horizontal coordinates were scaled from a topographic map and have
DX1700.an estimated accuracy of +/- 6 seconds.
DX1700.
DX1700.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1700.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1700
DX1700.The vertical order pertains to the NGVD 29 superseded value.
DX1700
DX1700; North East Units Estimated Accuracy
DX1700;SPC CA 6 - 665,730. 1,912,970. MT (+/- 180 meters Scaled)
DX1700
DX1700 SUPERSEDED SURVEY CONTROL
DX1700
DX1700 NGVD 29 (??/??/??) 468.216 (m) 1536.14 (f) ADJUSTED 2 0
DX1700
DX1700.Superseded values are not recommended for survey control.
DX1700
DX1700.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1700.See file dsdata.txt to determine how the superseded data were derived.
DX1700
DX1700_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT825241(NAD 83)
DX1700
DX1700_MARKER: DB = BENCH MARK DISK
DX1700_SETTING: 80 = SET IN A BOULDER
DX1700_SP_SET: BOULDER
DX1700_STAMPING: P 312 1935
DX1700_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1700+STABILITY: SURFACE MOTION
DX1700
DX1700 HISTORY - Date Condition Report By
DX1700 HISTORY - 1935 MONUMENTED CGS
DX1700 HISTORY - 1958 MARK NOT FOUND CGS
DX1700
DX1700 STATION DESCRIPTION
DX1700
DX1700'DESCRIBED BY COAST AND GEODETIC SURVEY 1935
DX1700'7 MI S FROM ETHANAC.
DX1700'1.1 MILES WEST AND 5.9 MILES SOUTH ALONG ROADS LEADING PAST
DX1700'MENIFEE SCHOOL FROM THE POST OFFICE AT ETHANAC, RIVERSIDE COUNTY,
DX1700'1.8 MILES SOUTH OF MENIFEE SCHOOL, 0.1 MILE SOUTH OF THE JUNCTION
DX1700'OF A DIRT ROAD LEADING SOUTHWEST, AT THE FOOT OF A ROCKY HILL,
DX1700'AT A CURVE TO THE EAST, NEAR THE SOUTHWEST CORNER OF AN OLIVE
DX1700'GROVE, 22 FEET SOUTH OF THE CENTERLINE OF THE ROAD, AND IN THE
DX1700'TOP OF A LARGE EMBEDDED BOULDER. A STANDARD DISK, STAMPED P
DX1700'312 1935.
DX1700
DX1700 STATION RECOVERY (1958)
DX1700
DX1700'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1958
DX1700'MARK NOT FOUND.

```

*** retrieval complete.
Elapsed Time = 00:00:02

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1701 *****
DX1701 DESIGNATION - 600 23
DX1701 PID - DX1701
DX1701 STATE/COUNTY- CA/RIVERSIDE
DX1701 COUNTRY - US
DX1701 USGS QUAD - ROMOLAND (1979)
DX1701
DX1701 *CURRENT SURVEY CONTROL
DX1701
DX1701* NAD 83(1986) POSITION- 33 39 20. (N) 117 12 00. (W) SCALED
DX1701* NAVD 88 ORTHO HEIGHT - 464.06 (+/-2cm) 1522.5 (feet) VERTCON
DX1701
DX1701 GEOID HEIGHT - -32.66 (meters) GEOID12A
DX1701 VERT ORDER - FIRST CLASS II (See Below)
DX1701
DX1701.The horizontal coordinates were scaled from a topographic map and have
DX1701.an estimated accuracy of +/- 6 seconds.
DX1701.
DX1701.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1701.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1701
DX1701.The vertical order pertains to the NGVD 29 superseded value.
DX1701
DX1701; North East Units Estimated Accuracy
DX1701;SPC CA 6 - 665,530. 1,911,890. MT (+/- 180 meters Scaled)
DX1701
DX1701 SUPERSEDED SURVEY CONTROL
DX1701
DX1701 NGVD 29 (??/??/??) 463.297 (m) 1520.00 (f) ADJUSTED 1 2
DX1701
DX1701.Superseded values are not recommended for survey control.
DX1701
DX1701.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1701.See file dsdata.txt to determine how the superseded data were derived.
DX1701
DX1701_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT814239(NAD 83)
DX1701
DX1701_MARKER: DD = SURVEY DISK
DX1701_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1701_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1701_STAMPING: 600-23-68
DX1701_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1701+STABILITY: SURFACE MOTION
DX1701
DX1701 HISTORY - Date Condition Report By
DX1701 HISTORY - 1968 MONUMENTED CA-065
DX1701
DX1701 STATION DESCRIPTION
DX1701
DX1701'DESCRIBED BY RIVERSIDE COUNTY CALIFORNIA 1968
DX1701'4.4 MI S FROM SUN CITY.
DX1701'4.1 MILES SOUTH OF MURRIETA RD., FROM THE CATHOLIC CHURCH AT
DX1701'SUN CITY, 0.35 MILE EAST ON GARBONI RD., 241 FT SOUTH OF GARBONI
DX1701'RD., AT THE ENTRANCE TO MENIFEE SCHOOL, 1 FT WEST OF A ROCK AND
DX1701'CONCRETE SCHOOL BELL MONUMENT, SET A BRASS DISK IN THE TOP OF A
DX1701'CONCRETE POST.

*** retrieval complete.
Elapsed Time = 00:00:02

```

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1702 *****
DX1702 DESIGNATION - 600 24
DX1702 PID - DX1702
DX1702 STATE/COUNTY- CA/RIVERSIDE
DX1702 COUNTRY - US
DX1702 USGS QUAD - ROMOLAND (1979)
DX1702
DX1702 *CURRENT SURVEY CONTROL
DX1702
DX1702* NAD 83(1986) POSITION- 33 40 01. (N) 117 12 21. (W) SCALED
DX1702* NAVD 88 ORTHO HEIGHT - 454.53 (+/-2cm) 1491.2 (feet) VERTCON
DX1702
DX1702 GEOID HEIGHT - -32.67 (meters) GEOID12A
DX1702 VERT ORDER - FIRST CLASS II (See Below)
DX1702
DX1702.The horizontal coordinates were scaled from a topographic map and have
DX1702.an estimated accuracy of +/- 6 seconds.
DX1702.
DX1702.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1702.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1702
DX1702.The vertical order pertains to the NGVD 29 superseded value.
DX1702
DX1702; SPC CA 6 - North East Units Estimated Accuracy
DX1702; 666,790. 1,911,360. MT (+/- 180 meters Scaled)
DX1702
DX1702 SUPERSEDED SURVEY CONTROL
DX1702
DX1702 NGVD 29 (??/??/??) 453.772 (m) 1488.75 (f) ADJUSTED 1 2
DX1702
DX1702.Superseded values are not recommended for survey control.
DX1702
DX1702.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1702.See file dsdata.txt to determine how the superseded data were derived.
DX1702
DX1702_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT809252(NAD 83)
DX1702
DX1702_MARKER: DD = SURVEY DISK
DX1702_SETTING: 80 = SET IN A BOULDER
DX1702_SP_SET: BOULDER
DX1702_STAMPING: 600-24-68
DX1702_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1702+STABILITY: SURFACE MOTION
DX1702
DX1702 HISTORY - Date Condition Report By
DX1702 HISTORY - 1968 MONUMENTED CA-065
DX1702
DX1702 STATION DESCRIPTION
DX1702
DX1702'DESCRIBED BY RIVERSIDE COUNTY CALIFORNIA 1968
DX1702'3.4 MI S FROM SUN CITY.
DX1702'3.4 MILES SOUTH ON MURRIETA RD., FROM THE CATHOLIC CHURCH AT
DX1702'SUN CITY, 500 FT. EAST OF MURRIETA RD., IN THE TOP OF A 5 X 21 X 26
DX1702'FT. ROCK IN A 26 X 65 FT. ROCK MOUND SET A BRASS DISK.

*** retrieval complete.
Elapsed Time = 00:00:06

```

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1703 *****
DX1703 DESIGNATION - 600 25
DX1703 PID - DX1703
DX1703 STATE/COUNTY- CA/RIVERSIDE
DX1703 COUNTRY - US
DX1703 USGS QUAD - ROMOLAND (1979)
DX1703
DX1703 *CURRENT SURVEY CONTROL
DX1703
DX1703* NAD 83(1986) POSITION- 33 40 34.1 (N) 117 12 21.5 (W) HD_HELD2
DX1703* NAVD 88 ORTHO HEIGHT - 456.71 (+/-2cm) 1498.4 (feet) VERTCON
DX1703
DX1703 GEOID HEIGHT - -32.68 (meters) GEOID12A
DX1703 VERT ORDER - FIRST CLASS II (See Below)
DX1703
DX1703.The horizontal coordinates were established by autonomous hand held GPS
DX1703.observations and have an estimated accuracy of +/- 10 meters.
DX1703.
DX1703.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1703.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1703
DX1703.The vertical order pertains to the NGVD 29 superseded value.
DX1703
DX1703;
DX1703;SPC CA 6 - North East Units Estimated Accuracy
DX1703; 667,813. 1,911,353. MT (+/- 10 meters HH2 GPS)
DX1703
DX1703 SUPERSEDED SURVEY CONTROL
DX1703
DX1703 NGVD 29 (??/??/??) 455.947 (m) 1495.89 (f) ADJUSTED 1 2
DX1703
DX1703.Superseded values are not recommended for survey control.
DX1703
DX1703.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1703.See file dsdata.txt to determine how the superseded data were derived.
DX1703
DX1703_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT8090726266(NAD 83)
DX1703
DX1703_MARKER: DD = SURVEY DISK
DX1703_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1703_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1703_STAMPING: 600 25 68
DX1703_MARK LOGO: CA-065
DX1703_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1703+STABILITY: SURFACE MOTION
DX1703
DX1703 HISTORY - Date Condition Report By
DX1703 HISTORY - 1968 MONUMENTED CA-065
DX1703
DX1703 STATION DESCRIPTION
DX1703
DX1703'DESCRIBED BY RIVERSIDE COUNTY CALIFORNIA 1968
DX1703'2.7 MI S FROM SUN CITY.
DX1703'2.7 MILES SOUTH ON MURRIETA RD., FROM THE CATHOLIC CHURCH AT
DX1703'SUN CITY, 54 FT. NORTH-EAST OF POWER POLE 16193, 29 FT. EAST OF
DX1703'MURRIETA RD. AND 2 FT. ABOVE THE ROAD, 2 FT. SOUTH-WEST OF THE
DX1703'NORTH-WEST CORNER OF A 4 FT. CHAIN LINK FENCE, 2 FT. NORTH OF A
DX1703'WATER METER, 2 FT. SOUTH OF A MARKER POST, SET A BRASS DISK IN A
DX1703'CONCRETE POST.

*** retrieval complete.
Elapsed Time = 00:00:06

```

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1705 *****
DX1705 DESIGNATION - N 312 RESET
DX1705 PID - DX1705
DX1705 STATE/COUNTY- CA/RIVERSIDE
DX1705 COUNTRY - US
DX1705 USGS QUAD - ROMOLAND (1979)
DX1705
DX1705 *CURRENT SURVEY CONTROL
DX1705
DX1705 *-----*
DX1705* NAD 83(1986) POSITION- 33 41 03. (N) 117 11 20. (W) SCALED
DX1705* NAVD 88 ORTHO HEIGHT - 438.04 (+/-2cm) 1437.1 (feet) VERTCON
DX1705 *-----*
DX1705 GEOID HEIGHT - -32.65 (meters) GEOID12A
DX1705 VERT ORDER - THIRD (See Below)
DX1705
DX1705.The horizontal coordinates were scaled from a topographic map and have
DX1705.an estimated accuracy of +/- 6 seconds.
DX1705.
DX1705.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1705.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1705
DX1705.The vertical order pertains to the NGVD 29 superseded value.
DX1705
DX1705; North East Units Estimated Accuracy
DX1705;SPC CA 6 - 668,690. 1,912,950. MT (+/- 180 meters Scaled)
DX1705
DX1705 SUPERSEDED SURVEY CONTROL
DX1705
DX1705 NGVD 29 (??/??/??) 437.28 (m) 1434.6 (f) RESET 3
DX1705
DX1705.Superseded values are not recommended for survey control.
DX1705
DX1705.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1705.See file dsdata.txt to determine how the superseded data were derived.
DX1705
DX1705_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT824271(NAD 83)
DX1705
DX1705_MARKER: DB = BENCH MARK DISK
DX1705_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1705_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1705_STAMPING: N 312 RESET 1972
DX1705_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1705+STABILITY: SURFACE MOTION
DX1705
DX1705 HISTORY - Date Condition Report By
DX1705 HISTORY - 1972 MONUMENTED NGS
DX1705
DX1705 STATION DESCRIPTION
DX1705
DX1705'DESCRIBED BY NATIONAL GEODETIC SURVEY 1972
DX1705'1.8 MI S FROM SUN CITY.
DX1705'THE BENCH MARK IS 1.8 MILES SOUTH ALONG BRADLEY ROAD FROM ITS
DX1705'T-ROAD INTERSECTION WITH CHERRY HILLS BOULEVARD AT THE EAST EDGE
DX1705'OF SUN CITY, OR 1.0 MILE WEST ALONG NEWPORT ROAD FROM ITS
DX1705'CROSSROAD INTERSECTION WITH U.S. HIGHWAY 395, IN THE SOUTHWEST
DX1705'QUADRANT OF THE CROSSROAD INTERSECTION OF NEWPORT AND BRADLEY
DX1705'ROADS, 34.0 FEET WEST OF THE CENTER OF BRADLEY ROAD, 29.0 FEET
DX1705'SOUTH OF THE CENTER OF NEWPORT ROAD, 9.2 FEET EAST-SOUTHEAST
DX1705'OF A FIRE-HYDRANT, 0.8-FOOT-WEST-NORTHWEST OF A METAL WITNESS
DX1705'POST WITH SIGN ATTACHED AND 0.3-FOOT SOUTH OF THE SOUTH
DX1705'RIGHT-OF-WAY FENCE OF NEWPORT ROAD. THE DISK IS SET IN THE TOP
DX1705'OF A CYLINDRICAL CONCRETE MONUMENT THAT IS 12 INCHES IS DIAMETER
DX1705'AND PROJECTS 5 INCHES ABOVE THE SURFACE OF THE GROUND.

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

```

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1707 *****
DX1707 DESIGNATION - 600 26
DX1707 PID - DX1707
DX1707 STATE/COUNTY- CA/RIVERSIDE
DX1707 COUNTRY - US
DX1707 USGS QUAD - ROMOLAND (1979)
DX1707
DX1707 *CURRENT SURVEY CONTROL
DX1707
DX1707* NAD 83(1986) POSITION- 33 41 04. (N) 117 12 20. (W) SCALED
DX1707* NAVD 88 ORTHO HEIGHT - 439.57 (+/-2cm) 1442.2 (feet) VERTCON
DX1707
DX1707 GEOID HEIGHT - -32.68 (meters) GEOID12A
DX1707 VERT ORDER - FIRST CLASS II (See Below)
DX1707
DX1707.The horizontal coordinates were scaled from a topographic map and have
DX1707.an estimated accuracy of +/- 6 seconds.
DX1707.
DX1707.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1707.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1707
DX1707.The vertical order pertains to the NGVD 29 superseded value.
DX1707
DX1707; North East Units Estimated Accuracy
DX1707;SPC CA 6 - 668,730. 1,911,400. MT (+/- 180 meters Scaled)
DX1707
DX1707 SUPERSEDED SURVEY CONTROL
DX1707
DX1707 NGVD 29 (??/??/??) 438.811 (m) 1439.67 (f) ADJUSTED 1 2
DX1707
DX1707.Superseded values are not recommended for survey control.
DX1707
DX1707.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1707.See file dsdata.txt to determine how the superseded data were derived.
DX1707
DX1707_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT809271(NAD 83)
DX1707
DX1707_MARKER: DD = SURVEY DISK
DX1707_SETTING: 66 = SET IN ROCK OUTCROP
DX1707_SP_SET: ROCK IN A MOUND
DX1707_STAMPING: 600-26-68
DX1707_STABILITY: A = MOST RELIABLE AND EXPECTED TO HOLD
DX1707+STABILITY: POSITION/ELEVATION WELL
DX1707
DX1707 HISTORY - Date Condition Report By
DX1707 HISTORY - 1968 MONUMENTED CA-065
DX1707
DX1707 STATION DESCRIPTION
DX1707
DX1707'DESCRIBED BY RIVERSIDE COUNTY CALIFORNIA 1968
DX1707'2.2 MI S FROM SUN CITY.
DX1707'2.2 MILES SOUTH ALONG MURRIETA ROAD FROM THE CATHOLIC CHURCH IN
DX1707'SUN CITY 0.15 MILES FROM INTERSECTION OF MURRIETA ROAD AND
DX1707'NEWPORT ROAD, 246 FEET EAST OF MURRIETA ROAD, 115 FEET SOUTHEAST
DX1707'OF THE MOST EASTERLY OF TWO 36 IN EUCALYPTUS TREES TOP OF A
DX1707'3 FT BY 5 FT BY 6 FT ROCK IN A MOUND OF ROCK 4 FT BY 15 FT BY
DX1707'30 FT SET A BRASS DISK.

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

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The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1708 *****
DX1708 DESIGNATION - M 312
DX1708 PID - DX1708
DX1708 STATE/COUNTY- CA/RIVERSIDE
DX1708 COUNTRY - US
DX1708 USGS QUAD - ROMOLAND (1979)
DX1708
DX1708 *CURRENT SURVEY CONTROL
DX1708
DX1708 *-----*
DX1708* NAD 83(1986) POSITION- 33 41 57. (N) 117 11 19. (W) SCALED
DX1708* NAVD 88 ORTHO HEIGHT - 437.39 (+/-2cm) 1435.0 (feet) VERTCON
DX1708 *-----*
DX1708 GEOID HEIGHT - -32.65 (meters) GEOID12A
DX1708 VERT ORDER - SECOND CLASS 0 (See Below)
DX1708
DX1708.The horizontal coordinates were scaled from a topographic map and have
DX1708.an estimated accuracy of +/- 6 seconds.
DX1708.
DX1708.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1708.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1708
DX1708.The vertical order pertains to the NGVD 29 superseded value.
DX1708
DX1708; North East Units Estimated Accuracy
DX1708;SPC CA 6 - 670,350. 1,912,990. MT (+/- 180 meters Scaled)
DX1708
DX1708 SUPERSEDED SURVEY CONTROL
DX1708
DX1708 NGVD 29 (??/??/??) 436.630 (m) 1432.51 (f) ADJUSTED 2 0
DX1708
DX1708.Superseded values are not recommended for survey control.
DX1708
DX1708.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1708.See file dsdata.txt to determine how the superseded data were derived.
DX1708
DX1708_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT825288(NAD 83)
DX1708
DX1708_MARKER: DB = BENCH MARK DISK
DX1708_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1708_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1708_STAMPING: M 312 1935
DX1708_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1708+STABILITY: SURFACE MOTION
DX1708
DX1708 HISTORY - Date Condition Report By
DX1708 HISTORY - 1935 MONUMENTED CGS
DX1708 HISTORY - 1949 GOOD CGS
DX1708 HISTORY - 1958 GOOD CGS
DX1708
DX1708 STATION DESCRIPTION
DX1708
DX1708'DESCRIBED BY COAST AND GEODETIC SURVEY 1949
DX1708'4.1 MI S FROM ETHANAC.
DX1708'1.1 MILES WEST AND 3.0 MILES SOUTH ALONG BRADLEY ROAD FROM THE
DX1708'POST OFFICE AT ETHANAC, RIVERSIDE COUNTY, 1.1 MILES NORTH OF
DX1708'MENIFEE SCHOOL, DIRECTLY SOUTH OF A CURVE AROUND A HILL, 46 FEET
DX1708'SOUTHWEST OF THE CENTER OF THE JUNCTION OF A ROAD LEADING WEST,
DX1708'24 FEET WEST OF A BRACE POLE FOR POWER POLE 74846, AND 1 FOOT
DX1708'NORTH OF THE FENCE. A STANDARD DISK, STAMPED M 312 1935 AND SET
DX1708'IN THE TOP OF A CONCRETE POST.
DX1708
DX1708 STATION RECOVERY (1958)
DX1708
DX1708'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1958
DX1708'RECOVERED IN GOOD CONDITION.

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

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The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1709 *****
DX1709 DESIGNATION - M 312 RESET
DX1709 PID - DX1709
DX1709 STATE/COUNTY- CA/RIVERSIDE
DX1709 COUNTRY - US
DX1709 USGS QUAD - ROMOLAND (1979)
DX1709
DX1709 *CURRENT SURVEY CONTROL
DX1709
DX1709* NAD 83(1986) POSITION- 33 41 58.5 (N) 117 11 18.5 (W) HD_HELD2
DX1709* NAVD 88 ORTHO HEIGHT - 436.49 (+/-2cm) 1432.1 (feet) VERTCON
DX1709
DX1709 GEOID HEIGHT - -32.65 (meters) GEOID12A
DX1709 VERT ORDER - THIRD (See Below)
DX1709
DX1709.The horizontal coordinates were established by autonomous hand held GPS
DX1709.observations and have an estimated accuracy of +/- 10 meters.
DX1709.
DX1709.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1709.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1709
DX1709.The vertical order pertains to the NGVD 29 superseded value.
DX1709
DX1709.Photographs are available for this station.
DX1709
DX1709;
DX1709;SPC CA 6 - North East Units Estimated Accuracy
DX1709; 670,398. 1,912,999. MT (+/- 10 meters HH2 GPS)
DX1709
DX1709 SUPERSEDED SURVEY CONTROL
DX1709
DX1709 NGVD 29 (??/??/??) 435.74 (m) 1429.6 (f) RESET 3
DX1709
DX1709.Superseded values are not recommended for survey control.
DX1709
DX1709.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1709.See file dsdata.txt to determine how the superseded data were derived.
DX1709
DX1709_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT8253328863(NAD 83)
DX1709
DX1709_MARKER: DB = BENCH MARK DISK
DX1709_SETTING: 31 = SET IN A PAVEMENT SUCH AS STREET, SIDEWALK, CURB, ETC.
DX1709_SP_SET: CURB
DX1709_STAMPING: M 312 1935 RESET 1962 RESET 1965
DX1709_MARK LOGO: CGS
DX1709_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY
DX1709
DX1709 HISTORY - Date Condition Report By
DX1709 HISTORY - 1965 MONUMENTED CGS
DX1709
DX1709 STATION DESCRIPTION
DX1709
DX1709'DESCRIBED BY COAST AND GEODETIC SURVEY 1965
DX1709'AT SUN CITY.
DX1709'THE BENCH MARK IS CEMENTED IN A DRILL HOLE IN THE TOP OF THE
DX1709'EAST CURB OF BRADLEY DRIVE IN THE SOUTHEAST SECTION OF SUN CITY.
DX1709'IT IS 0.8 MILE SOUTH OF THE INTERSECTION OF CHERRY HILLS BLVD.,
DX1709'AND BRADLEY DRIVE, ABOUT CENTRALLY LOCATED BETWEEN BUILDING
DX1709'LOTS 17 AND 18, 17.0 FEET SOUTH OF THE CENTER OF THE CONCRETE
DX1709'DRIVEWAY OF LOT 17, 14.0 FEET NORTH OF THE CENTER OF THE CONCRETE
DX1709'DRIVEWAY OF LOT 18, AND 5.5 FEET WEST OF TELEPHONE CABLE POLE
DX1709'NUMBER 34447 CWT. THE BENCH MARK IS SET FLUSH WITH THE SURFACE
DX1709'OF THE CURB AND IS STAMPED M 312 1935 RESET 1962 RESET 1965.

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

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The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MARCH 13, 2014
DX1711 *****
DX1711 DESIGNATION - 600 27
DX1711 PID - DX1711
DX1711 STATE/COUNTY- CA/RIVERSIDE
DX1711 COUNTRY - US
DX1711 USGS QUAD - ROMOLAND (1979)
DX1711
DX1711 *CURRENT SURVEY CONTROL
DX1711
DX1711 * NAD 83(1986) POSITION- 33 42 00.8 (N) 117 12 21.4 (W) HD_HELD2
DX1711 * NAVD 88 ORTHO HEIGHT - 431.33 (+/-2cm) 1415.1 (feet) VERTCON
DX1711
DX1711 GEOID HEIGHT - -32.68 (meters) GEOID12A
DX1711 VERT ORDER - FIRST CLASS II (See Below)
DX1711
DX1711.The horizontal coordinates were established by autonomous hand held GPS
DX1711.observations and have an estimated accuracy of +/- 10 meters.
DX1711.
DX1711.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1711.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1711
DX1711.The vertical order pertains to the NGVD 29 superseded value.
DX1711
DX1711.Photographs are available for this station.
DX1711
DX1711;
DX1711;SPC CA 6 - North East Units Estimated Accuracy
DX1711; 670,484. 1,911,380. MT (+/- 10 meters HH2 GPS)
DX1711
DX1711 SUPERSEDED SURVEY CONTROL
DX1711
DX1711 NGVD 29 (??/??/??) 430.572 (m) 1412.64 (f) ADJUSTED 1 2
DX1711
DX1711.Superseded values are not recommended for survey control.
DX1711
DX1711.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1711.See file dsdata.txt to determine how the superseded data were derived.
DX1711
DX1711_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT8091428937(NAD 83)
DX1711
DX1711_MARKER: DD = SURVEY DISK
DX1711_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1711_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1711_STAMPING: 600 27 68
DX1711_MARK LOGO: CA-065
DX1711_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1711+STABILITY: SURFACE MOTION
DX1711
DX1711 HISTORY - Date Condition Report By
DX1711 HISTORY - 1968 MONUMENTED CA-065
DX1711
DX1711 STATION DESCRIPTION
DX1711
DX1711'DESCRIBED BY RIVERSIDE COUNTY CALIFORNIA 1968
DX1711'1.1 MI S FROM SUN CITY.
DX1711'1.1 MILES SOUTH ON MURRIETA ROAD FROM THE CATHOLIC CHURCH IN
DX1711'SUN CITY, 186 FEET NORTH OF INTERSECTION OF MURRIETA ROAD AND
DX1711'RIDGEMOOR ROAD, 96 FEET NORTH EAST OF A POWER POLE 312387-S, 43
DX1711'FEET EAST OF MURRIETA ROAD LEVEL WITH THE ROAD, 2 FEET SOUTH
DX1711'WEST OF THE SOUTH END OF 6 IN BY 36 FT HEADWALL, 2 FEET WEST OF
DX1711'A 5 FOOT CHAIN LINK FENCE, 2 FEET NORTH OF A MARKER POST, SET A
DX1711'BRASS DISK IN THE TOP OF A POST.

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

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The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX1715 *****
DX1715 DESIGNATION - L 312 RESET
DX1715 PID - DX1715
DX1715 STATE/COUNTY- CA/RIVERSIDE
DX1715 COUNTRY - US
DX1715 USGS QUAD - ROMOLAND (1979)
DX1715
DX1715 *CURRENT SURVEY CONTROL
DX1715
DX1715* NAD 83(1986) POSITION- 33 43 43. (N) 117 11 21. (W) SCALED
DX1715* NAVD 88 ORTHO HEIGHT - 435.46 (+/-2cm) 1428.7 (feet) VERTCON
DX1715
DX1715 GEOID HEIGHT - -32.64 (meters) GEOID12A
DX1715 VERT ORDER - THIRD (See Below)
DX1715
DX1715.The horizontal coordinates were scaled from a topographic map and have
DX1715.an estimated accuracy of +/- 6 seconds.
DX1715.
DX1715.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1715.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1715
DX1715.The vertical order pertains to the NGVD 29 superseded value.
DX1715
DX1715; North East Units Estimated Accuracy
DX1715;SPC CA 6 - 673,620. 1,912,960. MT (+/- 180 meters Scaled)
DX1715
DX1715 SUPERSEDED SURVEY CONTROL
DX1715
DX1715 NGVD 29 (??/??/??) 434.71 (m) 1426.2 (f) RESET 3
DX1715
DX1715.Superseded values are not recommended for survey control.
DX1715
DX1715.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1715.See file dsdata.txt to determine how the superseded data were derived.
DX1715
DX1715_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT824320(NAD 83)
DX1715
DX1715_MARKER: DB = BENCH MARK DISK
DX1715_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1715_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1715_STAMPING: L 312 RESET 1951
DX1715_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1715+STABILITY: SURFACE MOTION
DX1715_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
DX1715+SATELLITE: SATELLITE OBSERVATIONS - September 18, 2006
DX1715
DX1715 HISTORY - Date Condition Report By
DX1715 HISTORY - 1951 MONUMENTED CADH

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DX1715 HISTORY - 1958 GOOD CGS
DX1715 HISTORY - 20060918 GOOD NGS

DX1715

DX1715

STATION DESCRIPTION

DX1715

DX1715'DESCRIBED BY CA DIV OF HIGHWAYS 1951

DX1715'3.8 MI SE FROM PERRIS.

DX1715'2.1 MILES SOUTHEAST ALONG STATE HIGHWAY 74 FROM THE CITY LIMITS

DX1715'OF PERRIS, RIVERSIDE COUNTY, THENCE 1.7 MILES SOUTH ALONG

DX1715'BRADLEY ROAD, 247 FEET EAST ALONG ROUSE ROAD FROM BRADLEY ROAD,

DX1715'25 FEET SOUTH OF THE CENTERLINE OF THE ROAD, AND 0.5 FOOT SOUTH

DX1715'OF A FENCE. A STANDARD DISK, STAMPED L 312 RESET 1951 AND SET

DX1715'IN THE TOP OF A CONCRETE POST.

DX1715

DX1715

STATION RECOVERY (1958)

DX1715

DX1715'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1958

DX1715'RECOVERED IN GOOD CONDITION.

DX1715

DX1715

STATION RECOVERY (2006)

DX1715

DX1715'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 2006

DX1715'THIS IS TO INFORM YOU THAT BM L 312 RESET DOES NOT MATCH THE

DX1715'DESCRIPTION PROVIDED BY THE ON LINE DATA SHEETS. THE MONUMENT IS A 3

DX1715'INCH BRASS DISC STAMPED (VERTICAL CONTROL MARK L 312 RESET 1974 THE

DX1715'DIRECTOR NATIONAL GEODETIC SURVEY). IT IS SET IN THE TOP OF THE E'LY

DX1715'CURB ON ENCANTO DR., 0.95 MILES FROM THE INT OF MCCALL BLVD. I HAVE

DX1715'PHOTOS IF YOU ARE INTERESTED. THANKS

*** retrieval complete.

Elapsed Time = 00:00:09

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX1716 *****
DX1716 DESIGNATION - L 312
DX1716 PID - DX1716
DX1716 STATE/COUNTY- CA/RIVERSIDE
DX1716 COUNTRY - US
DX1716 USGS QUAD - ROMOLAND (1979)
DX1716
DX1716 *CURRENT SURVEY CONTROL
DX1716
DX1716* NAD 83(1986) POSITION- 33 43 43. (N) 117 11 20. (W) SCALED
DX1716* NAVD 88 ORTHO HEIGHT - 435.38 (+/-2cm) 1428.4 (feet) VERTCON
DX1716
DX1716 GEOID HEIGHT - -32.64 (meters) GEOID12A
DX1716 VERT ORDER - SECOND CLASS 0 (See Below)
DX1716
DX1716.The horizontal coordinates were scaled from a topographic map and have
DX1716.an estimated accuracy of +/- 6 seconds.
DX1716.
DX1716.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1716.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1716
DX1716.The vertical order pertains to the NGVD 29 superseded value.
DX1716
DX1716; North East Units Estimated Accuracy
DX1716;SPC CA 6 - 673,620. 1,912,990. MT (+/- 180 meters Scaled)
DX1716
DX1716 SUPERSEDED SURVEY CONTROL
DX1716
DX1716 NGVD 29 (??/??/??) 434.626 (m) 1425.94 (f) ADJUSTED 2 0
DX1716
DX1716.Superseded values are not recommended for survey control.
DX1716
DX1716.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1716.See file dsdata.txt to determine how the superseded data were derived.
DX1716
DX1716_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT825320(NAD 83)
DX1716
DX1716_MARKER: DB = BENCH MARK DISK
DX1716_SETTING: 0 = UNSPECIFIED SETTING
DX1716_STAMPING: L 312 1935
DX1716_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY
DX1716
DX1716 HISTORY - Date Condition Report By
DX1716 HISTORY - 1935 MONUMENTED CGS
DX1716
DX1716 STATION DESCRIPTION
DX1716
DX1716'DESCRIBED BY COAST AND GEODETIC SURVEY 1935

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DX1716'2.1 MI SW FROM ROMOLAND.

DX1716'2.1 MI. SOUTHWEST ALONG BRADLEY ROAD. ALONG THE BRADLEY ROAD,
DX1716'1.1 MILE WEST AND 1 MILE SOUTH OF THE ROMOLAND POST OFFICE, AT
DX1716'THE INTERSECTION OF TWO ROADS, 38 FEET SOUTHEAST OF CENTER OF
DX1716'INTERSECTION, 7 FEET SOUTH OF A FENCE CORNER AND BRACE POLE FOR
DX1716'POWER LINE POLE NO. 15440, 44 YARDS NORTHWEST OF THE NORTHWEST
DX1716'CORNER OF A FARM HOUSE, AND 1 FOOT WEST OF A FENCE.

*** retrieval complete.
Elapsed Time = 00:00:02

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX1718 *****
DX1718 DESIGNATION -   Q 327
DX1718 PID          -   DX1718
DX1718 STATE/COUNTY-  CA/RIVERSIDE
DX1718 COUNTRY      -   US
DX1718 USGS QUAD    -   ROMOLAND (1979)
DX1718
DX1718                      *CURRENT SURVEY CONTROL
DX1718
DX1718*  _____
DX1718*  NAD 83(1986) POSITION- 33 44 55.      (N) 117 10 49.      (W)  SCALED
DX1718*  NAVD 88 ORTHO HEIGHT -   437.46      (+/-2cm)    1435.2      (feet) VERTCON
DX1718  _____
DX1718  GEOID HEIGHT      -           -32.63 (meters)                      GEOID12A
DX1718  VERT ORDER       -   SECOND      CLASS 0 (See Below)
DX1718
DX1718.The horizontal coordinates were scaled from a topographic map and have
DX1718.an estimated accuracy of +/- 6 seconds.
DX1718.
DX1718.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1718.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1718
DX1718.The vertical order pertains to the NGVD 29 superseded value.
DX1718
DX1718;              North          East      Units  Estimated Accuracy
DX1718;SPC CA 6      -   675,830.    1,913,810.    MT  (+/- 180 meters Scaled)
DX1718
DX1718                      SUPERSEDED SURVEY CONTROL
DX1718
DX1718  NGVD 29 (??/??/??) 436.699 (m)                1432.74 (f) ADJUSTED    2 0
DX1718
DX1718.Superseded values are not recommended for survey control.
DX1718
DX1718.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1718.See file dsdata.txt to determine how the superseded data were derived.
DX1718
DX1718_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT833342(NAD 83)
DX1718
DX1718_MARKER: DB = BENCH MARK DISK
DX1718_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1718_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1718_STAMPING: Q 327 1935
DX1718_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1718+STABILITY: SURFACE MOTION
DX1718
DX1718  HISTORY      -   Date      Condition      Report By
DX1718  HISTORY      -   1935      MONUMENTED    CGS
DX1718  HISTORY      -   1958      GOOD          CGS
DX1718

```

DX1718 STATION DESCRIPTION
DX1718
DX1718'DESCRIBED BY COAST AND GEODETIC SURVEY 1935
DX1718'3.8 MI SE FROM PERRIS.
DX1718'3.8 MILES SOUTHEAST ALONG THE ATCHISON, TOPEKA AND SANTA FE
DX1718'RAILWAY FROM THE STATION AT PERRIS, RIVERSIDE COUNTY, 74 FEET
DX1718'NORTHWEST OF THE NORTHWEST END OF THE STATION AT ETHANAC, 11 FEET
DX1718'NORTHEAST OF THE MAIN TRACK, AND 8 FEET NORTH OF THE SOUTH CORNER
DX1718'OF A SMALL PARK. A STANDARD DISK, STAMPED Q 327 1935 AND SET
DX1718'IN THE TOP OF A CONCRETE POST.
DX1718
DX1718 STATION RECOVERY (1958)
DX1718
DX1718'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1958
DX1718'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
Elapsed Time = 00:00:06

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX1719 *****
DX1719 DESIGNATION - R 327
DX1719 PID - DX1719
DX1719 STATE/COUNTY- CA/RIVERSIDE
DX1719 COUNTRY - US
DX1719 USGS QUAD - ROMOLAND (1979)
DX1719
DX1719 *CURRENT SURVEY CONTROL
DX1719
DX1719* NAD 83(1986) POSITION- 33 43 43. (N) 117 08 43. (W) SCALED
DX1719* NAVD 88 ORTHO HEIGHT - 451.53 (+/-2cm) 1481.4 (feet) VERTCON
DX1719
DX1719 GEOID HEIGHT - -32.56 (meters) GEOID12A
DX1719 VERT ORDER - SECOND CLASS 0 (See Below)
DX1719
DX1719.The horizontal coordinates were scaled from a topographic map and have
DX1719.an estimated accuracy of +/- 6 seconds.
DX1719.
DX1719.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1719.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1719
DX1719.The vertical order pertains to the NGVD 29 superseded value.
DX1719
DX1719; North East Units Estimated Accuracy
DX1719;SPC CA 6 - 673,580. 1,917,030. MT (+/- 180 meters Scaled)
DX1719
DX1719 SUPERSEDED SURVEY CONTROL
DX1719
DX1719 NGVD 29 (??/??/??) 450.765 (m) 1478.88 (f) ADJUSTED 2 0
DX1719
DX1719.Superseded values are not recommended for survey control.
DX1719
DX1719.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1719.See file dsdata.txt to determine how the superseded data were derived.
DX1719
DX1719_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT865320(NAD 83)
DX1719
DX1719_MARKER: DB = BENCH MARK DISK
DX1719_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1719_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1719_STAMPING: R 327 1935
DX1719_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1719+STABILITY: SURFACE MOTION
DX1719
DX1719 HISTORY - Date Condition Report By
DX1719 HISTORY - 1935 MONUMENTED CGS
DX1719 HISTORY - 1958 GOOD CGS
DX1719

```

DX1719 STATION DESCRIPTION
DX1719
DX1719'DESCRIBED BY COAST AND GEODETIC SURVEY 1935
DX1719'3.9 MI NW FROM WINCHESTER.
DX1719'3.9 MILES NORTHWEST ALONG THE ATCHISON, TOPEKA AND SANTA FE
DX1719'RAILWAY FROM THE STATION AT WINCHESTER, RIVERSIDE COUNTY, AT
DX1719'MENIFEE SIDING, 198 YARDS NORTHWEST OF THE SOUTHEAST SWITCH
DX1719'STAND, 72 FEET EAST OF MILEPOST 6, 16.5 FEET NORTHEAST OF THE
DX1719'CENTERLINE OF THE TRACK, AND 4.5 FEET NORTHEAST OF THE STATION
DX1719'SIGN. A STANDARD DISK, STAMPED R 327 1935 AND SET IN THE TOP OF
DX1719'A CONCRETE POST.

DX1719
DX1719 STATION RECOVERY (1958)
DX1719
DX1719'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1958
DX1719'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
Elapsed Time = 00:00:04

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX1720 *****
DX1720 DESIGNATION -   S 327
DX1720 PID          -   DX1720
DX1720 STATE/COUNTY-  CA/RIVERSIDE
DX1720 COUNTRY      -   US
DX1720 USGS QUAD    -  WINCHESTER (1979)
DX1720
DX1720                      *CURRENT SURVEY CONTROL
DX1720
DX1720* NAD 83(1986) POSITION- 33 42 44.      (N) 117 07 11.      (W) SCALED
DX1720* NAVD 88 ORTHO HEIGHT - 451.28      (+/-2cm) 1480.6      (feet) VERTCON
DX1720
DX1720 GEOID HEIGHT   -      -32.52 (meters)                      GEOID12A
DX1720 VERT ORDER    -   SECOND CLASS 0 (See Below)
DX1720
DX1720.The horizontal coordinates were scaled from a topographic map and have
DX1720.an estimated accuracy of +/- 6 seconds.
DX1720.
DX1720.The NAVD 88 height was computed by applying the VERTCON shift value to
DX1720.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX1720
DX1720.The vertical order pertains to the NGVD 29 superseded value.
DX1720
DX1720;              North      East      Units  Estimated Accuracy
DX1720;SPC CA 6      -   671,750.   1,919,380.   MT  (+/- 180 meters Scaled)
DX1720
DX1720                      SUPERSEDED SURVEY CONTROL
DX1720
DX1720 NGVD 29 (??/??/??) 450.516 (m)          1478.07 (f) ADJUSTED 2 0
DX1720
DX1720.Superseded values are not recommended for survey control.
DX1720
DX1720.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX1720.See file dsdata.txt to determine how the superseded data were derived.
DX1720
DX1720_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT889302(NAD 83)
DX1720
DX1720_MARKER: DB = BENCH MARK DISK
DX1720_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX1720_SP_SET: SET IN TOP OF CONCRETE MONUMENT
DX1720_STAMPING: S 327 1935
DX1720_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX1720+STABILITY: SURFACE MOTION
DX1720
DX1720 HISTORY      -   Date      Condition      Report By
DX1720 HISTORY      -   1935      MONUMENTED    CGS
DX1720 HISTORY      -   1958      GOOD          CGS
DX1720

```

DX1720 STATION DESCRIPTION
DX1720
DX1720'DESCRIBED BY COAST AND GEODETIC SURVEY 1935
DX1720'2 MI NW FROM WINCHESTER.
DX1720'2.0 MILES NORTHWEST ALONG THE ATCHISON, TOPEKA AND SANTA FE
DX1720'RAILWAY FROM THE STATION AT WINCHESTER, RIVERSIDE COUNTY, 120 YARDS
DX1720'NORTHWEST OF MILEPOST 8, 38 FEET EAST OF THE CENTERLINE OF A ROAD
DX1720'THAT CROSSES THE TRACKS, 26 FEET NORTHEAST OF THE CENTERLINE
DX1720'OF THE TRACK, 21 FEET SOUTHEAST OF A FENCE CORNER, AND 2 FEET
DX1720'SOUTHWEST OF THE RIGHT-OF-WAY FENCE. A STANDARD DISK, STAMPED
DX1720'S 327 1935 AND SET IN THE TOP OF A CONCRETE POST. NOTE-- IT WAS
DX1720'REPORTED IN MARCH 1953 THAT THIS POST HAS BEEN PUSHED OVER BY A
DX1720'BULLDOZER.

DX1720
DX1720 STATION RECOVERY (1958)
DX1720
DX1720'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1958
DX1720'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
Elapsed Time = 00:00:13

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX3758 *****
DX3758 DESIGNATION - WINCH
DX3758 PID - DX3758
DX3758 STATE/COUNTY- CA/RIVERSIDE
DX3758 COUNTRY - US
DX3758 USGS QUAD - WINCHESTER (1979)
DX3758
DX3758 *CURRENT SURVEY CONTROL
DX3758
DX3758* NAD 83(1992) POSITION- 33 41 26.45525(N) 117 05 04.06409(W) ADJUSTED
DX3758* NAD 83(1992) EPOCH - 1991.35
DX3758* NAVD 88 ORTHO HEIGHT - 472.6 (meters) 1551. (feet) VERTCON
DX3758
DX3758 GEOID HEIGHT - -32.46 (meters) GEOID12A
DX3758 LAPLACE CORR - 2.70 (seconds) DEFLEC12A
DX3758 HORZ ORDER - SECOND
DX3758
DX3758.The horizontal coordinates were established by classical geodetic methods
DX3758.and adjusted by the National Geodetic Survey in June 1996.
DX3758.
DX3758.The NAVD 88 height was computed by applying the VERTCON shift value to
DX3758.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX3758
DX3758.The Laplace correction was computed from DEFLEC12A derived deflections.
DX3758
DX3758. The following values were computed from the NAD 83(1992) position.
DX3758
DX3758;
DX3758; North East Units Scale Factor Converg.
DX3758;SPC CA 6 - 669,329.185 1,922,632.961 MT 0.99997346 -0 27 30.8
DX3758;SPC CA 6 - 2,195,957.50 6,307,838.31 sFT 0.99997346 -0 27 30.8
DX3758;UTM 11 - 3,727,863.476 492,171.936 MT 0.99960076 -0 02 48.7
DX3758
DX3758! Elev Factor x Scale Factor = Combined Factor
DX3758!SPC CA 6 - 0.99993091 x 0.99997346 = 0.99990438
DX3758!UTM 11 - 0.99993091 x 0.99960076 = 0.99953170
DX3758
DX3758: Primary Azimuth Mark Grid Az
DX3758:SPC CA 6 - SINGLE 009 33 41.6
DX3758:UTM 11 - SINGLE 009 08 59.5
DX3758
DX3758|-----|
DX3758| PID Reference Object Distance Geod. Az |
DX3758| | | | | | | | |
DX3758| DX3755 SINGLE APPROX. 2.9 KM 0090610.8 |
DX3758| CC4983 WINCH RM 2 9.038 METERS 07830 |
DX3758| CC4982 WINCH RM 1 7.709 METERS 35110 |
DX3758|-----|
DX3758

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DX3758 SUPERSEDED SURVEY CONTROL
DX3758
DX3758 NAD 83(1986)- 33 41 26.45282(N) 117 05 04.06448(W) AD(1984.00) 2
DX3758 NAD 27 - 33 41 26.37393(N) 117 05 00.96480(W) AD() 2
DX3758 NGVD 29 (07/19/86) 471.8 (m) 1548. (f) VERT ANG
DX3758
DX3758.Superseded values are not recommended for survey control.
DX3758
DX3758.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX3758.[See file dsdata.txt](#) to determine how the superseded data were derived.
DX3758
DX3758_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT9217127863(NAD 83)
DX3758
DX3758_MARKER: Z = SEE DESCRIPTION
DX3758_SETTING: 0 = UNSPECIFIED SETTING
DX3758
DX3758 HISTORY - Date Condition Report By
DX3758 HISTORY - 1972 MONUMENTED CADH
DX3758
DX3758 STATION DESCRIPTION
DX3758
DX3758'DESCRIBED BY CA DIV OF HIGHWAYS 1972 (RH)
DX3758'STATION IS ABOUT 1-1/4 MILES SOUTH OF WINCHESTER AND 12-1/2
DX3758'MILES NORTHEAST OF MURRIETA IN THE SW 1/4 SECTION 34, T5S,
DX3758'R2W AND ON PRIVATE PROPERTY 2 FT EAST OF CALIFORNIA HIGHWAY
DX3758'RIGHT OF WAY FENCE.
DX3758'
DX3758'TO REACH THE STATION FROM THE INTERSECTION OF U.S. 395 AND
DX3758'CALIFORNIA HIGHWAY 79, 2 MILES NORTH OF TEMECULA, GO NORTHEAST
DX3758'ON CALIFORNIA HIGHWAY 79 FOR 12.8 MILES TO STATION WHICH IS
DX3758'ON TOP OF CUT BANK ON EAST SIDE OF CALIFORNIA HIGHWAY 79.
DX3758'
DX3758'STATION MARK AND REFERENCE MARKS ARE STANDARD CALIFORNIA
DX3758'DIVISION OF HIGHWAY 3 IN DISKS IN OCTAGON SHAPED CONCRETE
DX3758'MONUMENTS.
DX3758'
DX3758'STATION MARK IS STAMPED WINCH 1972 IS 52 FT EAST OF CENTERLINE
DX3758'CALIFORNIA HIGHWAY 79, 3 FT NORTHEAST OF POWER POLE 217362 CPE,
DX3758'1.7 FT EAST OF BARBED WIRE FENCE AND PROJECTS 0.1 FT ABOVE
DX3758'GROUND.
DX3758'
DX3758'REFERENCE MARK 1 IS STAMPED WINCH R.M. NO 1 1972, IS 49 FT
DX3758'EAST OF CENTERLINE CALIFORNIA HIGHWAY 79, 26.5 FT NORTH OF POWER
DX3758'POLE 217362 CPE, 1 FT WEST OF BARBED WIRE FENCE, 2.4 FT BELOW
DX3758'STATION AND FLUSH WITH GROUND.
DX3758'
DX3758'REFERENCE MARK 2 IS STAMPED WINCH R.M. NO 2 1972, IS 81 FT
DX3758'EAST OF CENTERLINE CALIFORNIA HIGHWAY 79, 33 FT EAST OF POWER
DX3758'POLE 217362 CPE, 31 FT EAST OF BARBED WIRE FENCE, 0.6 FT
DX3758'BELOW STATION AND FLUSH WITH THE GROUND.
DX3758'
DX3758'NO AZIMUTH MARK WAS SET.
DX3758'
DX3758'HEIGHT OF LIGHT ABOVE STATION MARK 1.5 METERS.

*** retrieval complete.
Elapsed Time = 00:00:06

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX3759 *****
DX3759 DESIGNATION - HOLD
DX3759 PID - DX3759
DX3759 STATE/COUNTY- CA/RIVERSIDE
DX3759 COUNTRY - US
DX3759 USGS QUAD - WINCHESTER (1979)
DX3759
DX3759 *CURRENT SURVEY CONTROL
DX3759
DX3759* NAD 83(1992) POSITION- 33 40 48.52460(N) 117 05 02.91553(W) ADJUSTED
DX3759* NAD 83(1992) EPOCH - 1991.35
DX3759* NAVD 88 ORTHO HEIGHT - 460.2 (meters) 1510. (feet) VERTCON
DX3759
DX3759 GEOID HEIGHT - -32.45 (meters) GEOID12A
DX3759 LAPLACE CORR - 2.65 (seconds) DEFLEC12A
DX3759 HORZ ORDER - SECOND
DX3759
DX3759.The horizontal coordinates were established by classical geodetic methods
DX3759.and adjusted by the National Geodetic Survey in June 1996.
DX3759.
DX3759.The NAVD 88 height was computed by applying the VERTCON shift value to
DX3759.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX3759
DX3759.The Laplace correction was computed from DEFLEC12A derived deflections.
DX3759
DX3759. The following values were computed from the NAD 83(1992) position.
DX3759
DX3759;
DX3759; North East Units Scale Factor Converg.
DX3759;SPC CA 6 - 668,160.366 1,922,653.192 MT 0.99997234 -0 27 30.2
DX3759;SPC CA 6 - 2,192,122.80 6,307,904.68 sFT 0.99997234 -0 27 30.2
DX3759;UTM 11 - 3,726,695.268 492,200.554 MT 0.99960075 -0 02 48.0
DX3759
DX3759! Elev Factor x Scale Factor = Combined Factor
DX3759!SPC CA 6 - 0.99993286 x 0.99997234 = 0.99990520
DX3759!UTM 11 - 0.99993286 x 0.99960075 = 0.99953364
DX3759
DX3759: Primary Azimuth Mark Grid Az
DX3759:SPC CA 6 - V 311 002 32 58.2
DX3759:UTM 11 - V 311 002 08 16.0
DX3759
DX3759 |-----|
DX3759 | PID Reference Object Distance Geod. Az |
DX3759 | | | | dddmmss.s |
DX3759 | DX1684 V 311 APPROX. 0.6 KM 0020528.0 |
DX3759 | CC3037 HOLD RM 2 7.774 METERS 09530 |
DX3759 | CC3036 HOLD RM 1 7.657 METERS 17711 |
DX3759 |-----|
DX3759

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DX3759 SUPERSEDED SURVEY CONTROL
DX3759
DX3759 NAD 83(1986)- 33 40 48.52180(N) 117 05 02.91568(W) AD(1984.00) 2
DX3759 NAD 27 - 33 40 48.44160(N) 117 04 59.81637(W) AD() 2
DX3759 NGVD 29 (07/19/86) 459.4 (m) 1507. (f) VERT ANG
DX3759
DX3759.Superseded values are not recommended for survey control.
DX3759
DX3759.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX3759.[See file dsdata.txt](#) to determine how the superseded data were derived.
DX3759
DX3759_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT9220026695(NAD 83)
DX3759
DX3759_MARKER: Z = SEE DESCRIPTION
DX3759_SETTING: 0 = UNSPECIFIED SETTING
DX3759
DX3759 HISTORY - Date Condition Report By
DX3759 HISTORY - 1972 MONUMENTED CADH
DX3759
DX3759 STATION DESCRIPTION
DX3759
DX3759'DESCRIBED BY CA DIV OF HIGHWAYS 1972 (RH)
DX3759'STATION IS ABOUT 2 MILES SOUTH OF WINCHESTER AND 12 MILES
DX3759'NORTHEAST OF MURRIETA IN THE NE 1/4, SECTION 3, T6S, R2W,
DX3759'INSIDE STATE OF CALIFORNIA HIGHWAY RIGHT OF WAY.
DX3759'
DX3759'TO REACH THE STATION FROM THE INTERSECTION OF U.S. HIGHWAY
DX3759'395 AND CALIFORNIA HIGHWAY 79, 2 MILES NORTH OF TEMECULA, GO
DX3759'NORTHEAST ON CALIFORNIA HIGHWAY 79 FOR 12.1 MILES, PASSING
DX3759'HOLLAND ROAD AT 11.5 MILES. STATION IS 50 FT EAST OF CENTERLINE
DX3759'CALIFORNIA HIGHWAY 79 AND 3 FT WEST OF POWER POLE 217371.
DX3759'
DX3759'TO REACH THE AZIMUTH MARK FROM THE STATION, GO NORTH ON
DX3759'CALIFORNIA HIGHWAY 79 FOR 0.35 MILE TO NEWPORT ROAD. AZIMUTH
DX3759'MARK IS 113 FT EAST OF CENTERLINE CALIFORNIA HIGHWAY 79
DX3759'AND 29 FT SOUTH OF CENTERLINE NEWPORT ROAD.
DX3759'
DX3759'STATION MARK AND REFERENCE MARKS ARE STANDARD CALIFORNIA
DX3759'DIVISION OF HIGHWAYS 3 IN DISKS IN OCTAGON SHAPED CONCRETE
DX3759'MONUMENTS.
DX3759'
DX3759'STATION MARK IS STAMPED HOLD 1972, IS 46.5 FT EAST OF CENTERLINE
DX3759'CALIFORNIA HIGHWAY 79, 3.5 FT WEST OF POWER POLE 217371CPE,
DX3759'3.2 FT WEST OF BARBED WIRE FENCE, 11.5 FT ABOVE CALIFORNIA
DX3759'HIGHWAY 79 AND PROJECTS 0.2 FT ABOVE GROUND.
DX3759'
DX3759'REFERENCE MARK 1 IS STAMPED HOLD R.M. NO 1 1972, IS 48.5 FT
DX3759'EAST OF CENTERLINE CALIFORNIA HIGHWAY 79, 24 FT SOUTH OF POWER
DX3759'POLE 217371CPE, 1 FT WEST OF BARBED WIRE FENCE, 3.0 FT LOWER
DX3759'THAN STATION AND FLUSH WITH THE GROUND.
DX3759'
DX3759'REFERENCE MARK 2 IS STAMPED HOLD R.M. NO 2 1972, IS 68.5 FT
DX3759'EAST OF CENTERLINE CALIFORNIA HIGHWAY 79, 21.5 FT EAST OF POWER
DX3759'POLE 217371 CPE, 22 FT EAST OF BARBED WIRE FENCE, 5.7 FT LOWER
DX3759'THAN STATION AND PROJECTS 0.1 FT ABOVE GROUND.
DX3759'
DX3759'AZIMUTH MARK IS STANDARD USC AND GS DISK STAMPED V 311 1935,
DX3759'IS 113 FT EAST OF CENTERLINE CALIFORNIA HIGHWAY 79, AND 27
DX3759'FT SOUTH OF CENTERLINE NEWPORT ROAD.

DX3759'

DX3759'HEIGHT OF LIGHT ABOVE STATION MARK 1.5 METERS.

*** retrieval complete.

Elapsed Time = 00:00:02

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX3760 *****
DX3760 DESIGNATION -   DOUBLE
DX3760 PID          -   DX3760
DX3760 STATE/COUNTY- CA/RIVERSIDE
DX3760 COUNTRY      -   US
DX3760 USGS QUAD    -   WINCHESTER (1979)
DX3760
DX3760                      *CURRENT SURVEY CONTROL
DX3760
DX3760* NAD 83(1992) POSITION- 33 43 26.10921(N) 117 07 23.49434(W)  ADJUSTED
DX3760* NAD 83(1992) EPOCH   - 1991.35
DX3760* NAVD 88 ORTHO HEIGHT - 786.0      (meters)      2579.      (feet) VERTCON
DX3760
DX3760 GEOID HEIGHT   -          -32.51 (meters)          GEOID12A
DX3760 LAPLACE CORR   -              3.66 (seconds)        DEFLEC12A
DX3760 HORZ ORDER    -   FIRST
DX3760
DX3760.The horizontal coordinates were established by classical geodetic methods
DX3760.and adjusted by the National Geodetic Survey in June 1996.
DX3760.
DX3760.The NAVD 88 height was computed by applying the VERTCON shift value to
DX3760.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX3760
DX3760.The Laplace correction was computed from DEFLEC12A derived deflections.
DX3760
DX3760. The following values were computed from the NAD 83(1992) position.
DX3760
DX3760;
DX3760;          North          East          Units Scale Factor Converg.
DX3760;SPC CA 6  -  673,044.946  1,919,073.012  MT  0.99997723  -0 28 47.4
DX3760;SPC CA 6  -  2,208,148.29  6,296,158.71   sFT 0.99997723  -0 28 47.4
DX3760;UTM 11   -  3,731,552.188  488,586.729   MT  0.99960161  -0 04 06.2
DX3760
DX3760!          -  Elev Factor  x  Scale Factor =  Combined Factor
DX3760!SPC CA 6  -  0.99988173  x  0.99997723 =  0.99985896
DX3760!UTM 11   -  0.99988173  x  0.99960161 =  0.99948339
DX3760
DX3760:          Primary Azimuth Mark          Grid Az
DX3760:SPC CA 6  -  T 327          112 47 19.6
DX3760:UTM 11   -  T 327          112 22 38.4
DX3760
DX3760|-----|
DX3760| PID      Reference Object          Distance          Geod. Az
DX3760|          |          |          |          |          |
DX3760| DX5256 HEMET          APPROX.17.4 KM  0772813.4
DX3760| DX1686 U 327          |          |          |          |
DX3760| DX1685 T 327          |          |          |          |
DX3760| CC2742 DOUBLE RM 1    |          |          |          |
DX3760| CC2743 DOUBLE RM 2    |          |          |          |

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DX3760 |-----|
DX3760
DX3760
DX3760
DX3760 NAD 83(1986)- 33 43 26.10689(N) 117 07 23.49509(W) AD(1984.00) 1
DX3760 NAD 27 - 33 43 26.03140(N) 117 07 20.38890(W) AD( ) 1
DX3760 NGVD 29 (07/19/86) 785.2 (m) 2576. (f) VERT ANG
DX3760
DX3760.Superseded values are not recommended for survey control.
DX3760
DX3760.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX3760.See file dsdata.txt to determine how the superseded data were derived.
DX3760
DX3760_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT8858631552(NAD 83)
DX3760
DX3760_MARKER: DO = NOT SPECIFIED OR SEE DESCRIPTION
DX3760_SETTING: 80 = SET IN A BOULDER
DX3760_SP_SET: IN A DRILL HOLE IN ROCK LEDGE
DX3760
DX3760 HISTORY - Date Condition Report By
DX3760 HISTORY - 1939 MONUMENTED CGS
DX3760 HISTORY - 1960 SEE DESCRIPTION CGS
DX3760 HISTORY - 1962 SEE DESCRIPTION CA-065
DX3760 HISTORY - 1972 SEE DESCRIPTION NGS
DX3760
DX3760
DX3760 STATION DESCRIPTION
DX3760
DX3760'DESCRIBED BY COAST AND GEODETIC SURVEY 1939 (ANS)
DX3760'STATION IS ON HIGHEST POINT OF A HIGH ROCKY PEAK, THE WESTERN
DX3760'AND HIGHEST ONE OF TWO PEAKS KNOWN AS DOUBLE BUTTE, IS 2-1/2
DX3760'MILES NW OF WINCHESTER, AND 7-1/2 MILES SE OF PERRIS.
DX3760'
DX3760'STATION MARK IS A STANDARD BRONZE DISK WEDGED IN A DRILL
DX3760'HOLE IN A BOULDER AS DESCRIBED IN NOTE 4. REFERENCE MARKS
DX3760'ARE STANDARD BRONZE DISKS IN A BOULDER AS DESCRIBED IN NOTE 12C.
DX3760'
DX3760'STATION MARK IS A STANDARD STATION DISK, SET IN BOULDER, NOTE
DX3760'4, STAMPED DOUBLE 1939.
DX3760'
DX3760'REFERENCE MARKS ARE STANDARD DISKS SET IN BOULDERS, NOTE
DX3760'12C, STAMPED DOUBLE NO. 1 AND NO. 2 1939.
DX3760'
DX3760'AZIMUTH MARK IS A U.S.C. AND G.S. BENCH MARK T 327 JUST S OF
DX3760'THE DEPOT AT WINCHESTER.
DX3760'
DX3760'REACHED FROM WINCHESTER DEPOT AS FOLLOWS--GO N ON PAVEMENT
DX3760'0.1 MILE, TURN LEFT, W, ON DIRT ROAD AND GO 1.1 MILES, TURN
DX3760'RIGHT THROUGH GATE AND GO 0.6 MILE, TAKE LEFT FORK AND GO
DX3760'0.1 MILE, TAKE RIGHT FORK AND GO 0.2 MILE, TAKE RIGHT FORK,
DX3760'DIM ROAD, AND FOLLOW IT UP CANYON ABOUT 1.0 MILE TO SOME
DX3760'OLD MINES AND END OF TRUCK TRAVEL. FROM THIS POINT THE STATION
DX3760'LIES WESTERLY ABOUT 3/4 MILE. A 1 HOUR PACK. THE BEST ROUTE
DX3760'IS UP SMALL DRAW (KEEPING TO LEFT OF HIGH ROCKY RIDGE) TO
DX3760'SADDLE THEN BEAR TO RIGHT TO ANOTHER SADDLE TO LEFT TO
DX3760'HIGHEST POINT AND STATION.
DX3760
DX3760
DX3760 STATION RECOVERY (1960)
DX3760
DX3760'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1960 (OSR)

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DX3760'STATION WAS RECOVERED AND ALL MARKS, WITH THE EXCEPTION
DX3760'OF THE AZIMUTH MARK, WERE FOUND IN GOOD CONDITION. BENCH
DX3760'MARK T 327 WAS SEARCHED FOR BUT NOT FOUND AND BENCH MARK
DX3760'U 327 WAS USED INSTEAD AS AN AZIMUTH MARK. A NEW AND COMPLETE
DX3760'DESCRIPTION IS AS FOLLOWS--

DX3760'

DX3760'STATION IS LOCATED ABOUT 3 MILES EAST AND 1-3/4 MILES SOUTH
DX3760'OF ROMOLAND, 2-1/4 MILES WEST AND 1-1/4 MILES NORTH OF WINCHESTER,
DX3760'NEAR THE CENTER OF THE NORTHEAST 1/4 OF SECTION 19, T 5 S, R 2 W
DX3760'AND ON THE SUMMIT OF DOUBLE BUTTE WHICH IS THE HIGHEST POINT
DX3760'IN THE IMMEDIATE VICINITY HAVING A GEOLOGICAL SURVEY ELEVATION
DX3760'OF 2574 FEET ABOVE SEA LEVEL. A MR. SYD CARPENTER, WHO
DX3760'LIVES ALONG ROAD ENROUTE TO STATION, OWNS THE PROPERTY THAT THE
DX3760'ROAD CROSSES ENROUTE TO STATION.

DX3760'

DX3760'TO REACH FROM THE POST OFFICE IN WINCHESTER, GO NORTH ON
DX3760'WINCHESTER ROAD, SURFACED, FOR 0.4 MILE TO A CROSSROAD.
DX3760'(TO REACH THE AZIMUTH MARK FROM HERE, TURN RIGHT AND FOLLOW
DX3760'SURFACED ROAD EAST FOR 0.4 MILE TO A T-INTERSECTION. TURN
DX3760'RIGHT AND FOLLOW BLADED ROAD SOUTH FOR 0.15 MILE TO A RAILROAD
DX3760'CROSSING AND THE MARK ON THE LEFT AS DESCRIBED.) TURN LEFT
DX3760'AND FOLLOW BLADED ROAD WESTERLY FOR 1.2 MILES TO A SIDE ROAD
DX3760'RIGHT. TURN RIGHT, PASSING THROUGH A MESH WIRE GATE, AND
DX3760'FOLLOW DIRT ROAD NORTH AND WEST FOR 0.7 MILE TO A GROUP OF
DX3760'BUILDINGS AND A FEED LOT. BEAR RIGHT AND FOLLOW FIELD ROAD
DX3760'NORTH AND WEST FOR 0.15 MILE TO THE END OF TRUCK TRAVEL AT
DX3760'A SMALL POND ON THE RIGHT. PACK WESTERLY AND
DX3760'SOUTHWESTERLY, FOLLOW A SMALL WASH FOR ABOUT 45 MINUTES TO
DX3760'A SADDLE AT THE NORTH BASE OF THE SUMMIT. BEAR LEFT AND
DX3760'PACK SOUTH FOR ABOUT 15 MINUTES TO THE SUMMIT AND STATION.

DX3760'

DX3760'STATION MARK IS A STANDARD DISK, STAMPED DOUBLE 1939, CEMENTED
DX3760'IN A DRILL HOLE IN A LARGE BOULDER AT THE HIGHEST POINT
DX3760'OF THE BUTTE. (NOTE 4)

DX3760'

DX3760'REFERENCE MARK 1 IS A STANDARD DISK, STAMPED DOUBLE NO 1 1939,
DX3760'CEMENTED IN A DRILL HOLE IN A LARGE BOULDER PROJECTING 3 FEET.
DX3760'IT IS ABOUT 2 FEET LOWER THAN THE STATION MARK. (NOTE 12C)

DX3760'

DX3760'REFERENCE MARK 2 IS A STANDARD DISK, STAMPED DOUBLE NO 2 1939,
DX3760'CEMENTED IN A DRILL HOLE IN A LARGE BOULDER PROJECTING ABOUT
DX3760'5 FEET ON THE WEST SIDE AND 15 FEET ON THE EAST SIDE. IT IS
DX3760'ABOUT 1 FOOT LOWER THAN THE STATION MARK. (NOTE 12C)

DX3760'

DX3760'BENCH MARK U 327 (AZ. MK.) IS A STANDARD BENCH MARK DISK,
DX3760'STAMPED U 327 1935, SET IN THE TOP OF AN 8 INCH SQUARE, CONCRETE
DX3760'POST PROJECTING 4 INCHES. IT IS 60 FEET EAST OF A NORTH-SOUTH
DX3760'BLADED ROAD CENTER, 44 FEET NORTH OF THE NORTH RAIL OF AN
DX3760'EAST-WEST RAILROAD TRACK AND 2 FEET SOUTH OF AN EAST-WEST
DX3760'FENCE.

DX3760

DX3760

STATION RECOVERY (1962)

DX3760

DX3760'RECOVERY NOTE BY RIVERSIDE COUNTY CALIFORNIA 1962

DX3760'STATION AND REFERENCE MARKS ARE IN GOOD CONDITION AS DESCRIBED.

DX3760

DX3760

STATION RECOVERY (1972)

DX3760

DX3760'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1972 (RH)

DX3760'THE STATION MARK AND REFERENCE MARKS WERE RECOVERED AND IN
DX3760'GOOD CONDITION (R.M. 2 IS BATTERED ON TOP AND DIFFICULT TO
DX3760'READ) AS DESCRIBED IN THE 1960 RECOVERY NOTE. AZIMUTH MARK 1960
DX3760'BM U 327 HAS BEEN DESTROYED. PARTS OF THE BROKEN CONCRETE
DX3760'MONUMENT WERE FOUND.

DX3760'

DX3760'THE TO REACH DESCRIPTION FOR THE STATION IS ADEQUATE.

DX3760'

DX3760'HEIGHT OF LIGHT ABOVE STATION MARK 5 FEET.

DX3760'

DX3760'AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN--2-1/2 MILES

DX3760'NE WINCHESTER

*** retrieval complete.

Elapsed Time = 00:00:03

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX3761 *****
DX3761 DESIGNATION -  SONIA
DX3761 PID          -  DX3761
DX3761 STATE/COUNTY-  CA/RIVERSIDE
DX3761 COUNTRY      -  US
DX3761 USGS QUAD    -  WINCHESTER (1979)
DX3761
DX3761                      *CURRENT SURVEY CONTROL
DX3761
DX3761*  _____
DX3761*  NAD 83(1992) POSITION- 33 39 31.93481(N) 117 05 04.46123(W)  ADJUSTED
DX3761*  NAD 83(1992) EPOCH   - 1991.35
DX3761*  NAVD 88 ORTHO HEIGHT - 751.      (meters)      2464.      (feet)  VERTCON
DX3761  _____
DX3761  GEOID HEIGHT   -          -32.44 (meters)          GEOID12A
DX3761  LAPLACE CORR   -              3.57 (seconds)          DEFLEC12A
DX3761  HORZ ORDER    -  THIRD
DX3761
DX3761.The horizontal coordinates were established by classical geodetic methods
DX3761.and adjusted by the National Geodetic Survey in June 1996.
DX3761.
DX3761.The NAVD 88 height was computed by applying the VERTCON shift value to
DX3761.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX3761
DX3761.The Laplace correction was computed from DEFLEC12A derived deflections.
DX3761
DX3761. The following values were computed from the NAD 83(1992) position.
DX3761
DX3761;
DX3761;          North          East          Units Scale Factor Converge.
DX3761;SPC CA 6  -  665,801.088  1,922,594.492  MT  0.99997017  -0 27 31.0
DX3761;SPC CA 6  -  2,184,382.40  6,307,712.10  sFT 0.99997017  -0 27 31.0
DX3761;UTM 11   -  3,724,336.502  492,158.825  MT  0.99960076  -0 02 48.7
DX3761
DX3761!          -  Elev Factor x Scale Factor = Combined Factor
DX3761!SPC CA 6  -  0.99988725 x 0.99997017 = 0.99985742
DX3761!UTM 11   -  0.99988725 x 0.99960076 = 0.99948805
DX3761
DX3761:          Primary Azimuth Mark          Grid Az
DX3761:SPC CA 6  -  BACHELOR          161 13 41.6
DX3761:UTM 11   -  BACHELOR          160 48 59.3
DX3761
DX3761 |-----|
DX3761 | PID      Reference Object          Distance          Geod. Az
DX3761 |          |          |          |          |
DX3761 |          |          |          |          |
DX3761 | DX3763 BACHELOR          APPROX. 6.3 KM 1604610.6
DX3761 |-----|
DX3761
DX3761                      SUPERSEDED SURVEY CONTROL
DX3761

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DX3761 NAD 83(1986)- 33 39 31.93211(N) 117 05 04.46250(W) AD(1984.00) 3
 DX3761 NAD 27 - 33 39 31.84968(N) 117 05 01.36514(W) AD() 3
 DX3761 NGVD 29 (07/19/86) 750. (m) 2461. (f) VERT ANG

DX3761

DX3761.Superseded values are not recommended for survey control.

DX3761

DX3761.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

DX3761.[See file dsdata.txt](#) to determine how the superseded data were derived.

DX3761

DX3761_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT9215824336(NAD 83)

DX3761

DX3761_MARKER: DD = SURVEY DISK

DX3761_SETTING: 0 = UNSPECIFIED SETTING

DX3761_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY

DX3761

DX3761	HISTORY	- Date	Condition	Report By
DX3761	HISTORY	- 1940	MONUMENTED	USE

DX3761

DX3761 STATION DESCRIPTION

DX3761

DX3761'DESCRIBED BY US ENGINEERS 1940

DX3761'STATION IS BRONZE DISK SET IN CONCRETE MONUMENT PROTRUDING 1 FOOT

DX3761'FROM GROUND, STAMPED TRI. SONIA.

DX3761'

DX3761'IT IS LOCATED ABOUT 3.0 MILE (DIRECT) SOUTH OF WINCHESTER POST

DX3761'OFFICE. TO REACH FROM WINCHESTER POST OFFICE GO SOUTH 3.2 MILES ON

DX3761'WINCHESTER-TEMECULA HIGHWAY TO DIRT ROAD LEADING TO RANCH HOUSE,

DX3761'TO WEST. STATION IS 25 FEET WEST OF CENTERLINE OF HIGHWAY, 45

DX3761'FEET SOUTH OF CENTERLINE OF DRIVEWAY AND 3 FEET EAST OF FENCE.

DX3761'

DX3761'REFERENCE MARK 1 IS BRONZE DISK SET IN CONCRETE MONUMENT 15 FEET

DX3761'NORTHWEST OF STATION, STAMPED R.M. NO. 1. REFERENCE MARK IS WEST OF

DX3761'FENCE.

DX3761'

DX3761'NOT RECOVERED FEBRUARY 1952. SEARCH FAILED TO REVEAL ANY SIGN OF

DX3761'STATION MARK.

*** retrieval complete.

Elapsed Time = 00:00:02

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX3773 *****
DX3773 DESIGNATION -  MENIFEE
DX3773 PID          -  DX3773
DX3773 STATE/COUNTY-  CA/RIVERSIDE
DX3773 COUNTRY      -  US
DX3773 USGS QUAD    -  ROMOLAND (1979)
DX3773
DX3773                      *CURRENT SURVEY CONTROL
DX3773
DX3773* NAD 83(1992) POSITION- 33 43 05.64979(N) 117 13 43.46260(W)  ADJUSTED
DX3773* NAD 83(1992) EPOCH   - 1991.35
DX3773* NAVD 88 ORTHO HEIGHT - 686.8      (meters)      2253.      (feet)  VERTCON
DX3773
DX3773 GEOID HEIGHT   -      -32.70 (meters)      GEOID12A
DX3773 LAPLACE CORR   -           2.34 (seconds)      DEFLEC12A
DX3773 HORZ ORDER     -  FIRST
DX3773
DX3773.The horizontal coordinates were established by classical geodetic methods
DX3773.and adjusted by the National Geodetic Survey in June 1996.
DX3773.
DX3773.The NAVD 88 height was computed by applying the VERTCON shift value to
DX3773.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
DX3773
DX3773.The Laplace correction was computed from DEFLEC12A derived deflections.
DX3773
DX3773. The following values were computed from the NAD 83(1992) position.
DX3773
DX3773;
DX3773;          North          East          Units Scale Factor Converg.
DX3773;SPC CA 6  -  672,501.498 1,909,285.359  MT  0.99997657  -0 32 16.2
DX3773;SPC CA 6  -  2,206,365.33 6,264,047.05  sFT 0.99997657  -0 32 16.2
DX3773;UTM 11    -  3,730,938.749 478,806.882  MT  0.99960554  -0 07 37.1
DX3773
DX3773!          -  Elev Factor x  Scale Factor =  Combined Factor
DX3773!SPC CA 6  -  0.99989733 x  0.99997657 =  0.99987390
DX3773!UTM 11    -  0.99989733 x  0.99960554 =  0.99950291
DX3773
DX3773:          Primary Azimuth Mark          Grid Az
DX3773:SPC CA 6  -  MENIFEE AZ MK          336 50 02.7
DX3773:UTM 11    -  MENIFEE AZ MK          336 25 23.6
DX3773
DX3773|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
DX3773| PID      Reference Object          Distance          Geod. Az
DX3773|          dddmmss.s
DX3773| CC4199 MENIFEE RM 3          4.948 METERS 12523
DX3773| CC4197 MENIFEE RM 1          4.945 METERS 12525
DX3773| CC4198 MENIFEE RM 2          3.817 METERS 26847
DX3773| CC4200 MENIFEE RM 4          3.809 METERS 26849
DX3773| CC4196 MENIFEE AZ MK          3361746.5

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```

DX3773 |-----|
DX3773
DX3773                SUPERSEDED SURVEY CONTROL
DX3773
DX3773  NAD 83(1986)- 33 43 05.64782(N)    117 13 43.46351(W) AD(1984.00) 1
DX3773  NAD 27      - 33 43 05.57550(N)    117 13 40.33760(W) AD(      ) 1
DX3773  NGVD 29 (07/19/86) 686.0      (m)          2251.      (f) VERT ANG
DX3773
DX3773.Superseded values are not recommended for survey control.
DX3773
DX3773.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX3773.See file dsdata.txt to determine how the superseded data were derived.
DX3773
DX3773_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT7880630938(NAD 83)
DX3773
DX3773_MARKER: DO = NOT SPECIFIED OR SEE DESCRIPTION
DX3773_SETTING: 80 = SET IN A BOULDER
DX3773_SP_SET: IN A DRILL HOLE IN ROCK LEDGE
DX3773
DX3773  HISTORY      - Date      Condition      Report By
DX3773  HISTORY      - 1939      MONUMENTED    CGS
DX3773  HISTORY      - 1960      GOOD          CGS
DX3773  HISTORY      - 1973      GOOD          NGS
DX3773
DX3773                STATION DESCRIPTION
DX3773
DX3773'DESCRIBED BY COAST AND GEODETIC SURVEY 1939 (ANS)
DX3773'STATION IS ON THE HIGHEST POINT OF PROMINENT REDDISH SAGE
DX3773'COVERED HILL, 4-1/2 MILES S OF PERRIS, 6-1/2 MILES NE OF
DX3773'EL SINORE, NW OF MENIFEE VALLEY.
DX3773'
DX3773'STATION MARK IS A STANDARD BRONZE DISK WEDGED IN A DRILL
DX3773'HOLE IN A BOULDER AS DESCRIBED IN. REFERENCE AND
DX3773'AZIMUTH ARE STANDARD BRONZE DISKS IN A BOULDER AS DESCRIBED.
DX3773'
DX3773'STATION MARK IS A STANDARD STATION DISK SET IN BOULDER,
DX3773'STAMPED MENIFEE 1939.
DX3773'
DX3773'REFERENCE MARK NO. 1 IS A STANDARD REFERENCE DISK SET IN
DX3773'BOULDER, STAMPED MENIFEE NO. 1 1939.
DX3773'
DX3773'REFERENCE MARK (W) IS A STANDARD REFERENCE DISK SET IN BOULDER,
DX3773'STAMPED MENIFEE 1939.
DX3773'
DX3773'AZIMUTH MARK IS A STANDARD AZIMUTH DISK SET IN BOULDER,
DX3773'0.4 MILE N OF STATION AND 100 FEET W OF END OF TRUCK
DX3773'TRAVEL, STAMPED MENIFEE 1939.
DX3773'
DX3773'BAROMETRIC ELEVATION (NO. 212) 2640 FEET.
DX3773'
DX3773'TO REACH FROM PERRIS GO S ON HIGHWAY 74 FOR 0.7 MILE AND
DX3773'TURN RIGHT OFF HIGHWAY AT SIGN LAKE ELSINORE COUNTRY CLUB,
DX3773'GO 0.3 MILE AND TURN LEFT, GO 0.1 MILE AND TURN RIGHT, FOLLOW
DX3773'MAIN TRAVELED ROAD 4.0 MILES TO PASS ON RIDGE. STATION
DX3773'IS S FROM THIS POINT. PACK S UP CREST OF RIDGE TO HIGHEST
DX3773'POINT AND STATION. A 15 MINUTES PACK.
DX3773
DX3773                STATION RECOVERY (1960)
DX3773

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DX3774 NAD 83(1986)- 33 39 32.39896(N) 117 09 06.64538(W) AD(1984.00) 3
 DX3774 NAD 27 - 33 39 32.32069(N) 117 09 03.53965(W) AD() 3
 DX3774 NGVD 29 (07/19/86) 750. (m) 2461. (f) VERT ANG
 DX3774

DX3774.Superseded values are not recommended for survey control.

DX3774

DX3774.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

DX3774.[See file dsdata.txt](#) to determine how the superseded data were derived.

DX3774

DX3774_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT8592124358(NAD 83)

DX3774

DX3774_MARKER: DD = SURVEY DISK

DX3774_SETTING: 0 = UNSPECIFIED SETTING

DX3774_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY

DX3774

DX3774	HISTORY	- Date	Condition	Report By
DX3774	HISTORY	- 1940	MONUMENTED	USE

DX3774

DX3774 STATION DESCRIPTION

DX3774

DX3774'DESCRIBED BY US ENGINEERS 1940

DX3774'STATION IS BRONZE DISK SET IN TOP OF CONCRETE MONUMENT IN TOP OF
 DX3774'HILL, STAMPED BELL 1940.

DX3774'

DX3774'TO REACH FROM MURRIETA POST OFFICE GO NORTHWEST ON HIGHWAY 395,
 DX3774'0.2 MILE, TURN RIGHT (NORTHEAST) AND GO 8.5 MILES PAST ANTELOPE
 DX3774'SCHOOL HOUSE. TURN RIGHT (EAST) FOR 1.0 MILE, TURN LEFT (NORTH)
 DX3774'ON ROAD THRU FIELD AROUND BASE OF HILL TO GATE. TURN LEFT JUST
 DX3774'BEFORE ENTERING GATE AND FOLLOW ALONG RIDGE TO END OF TRUCK
 DX3774'TRAVEL. PROCEED UP HILL TO SOUTH ON FOOT TO STATION SITE. (A 10
 DX3774'MINUTE HIKE).

DX3774'

DX3774'REFERENCE MARK 1 IS A BRONZE DISK SET IN TOP OF CONCRETE MONUMENT,
 DX3774'27.72 FEET WEST OF THE STATION.

DX3774'

DX3774'REFERENCE MARK 2 IS A BRONZE DISK SET IN TOP OF CONCRETE MONUMENT,
 DX3774'16.82 FEET SOUTHEAST OF THE STATION.

DX3774'

DX3774'RECOVERED MARCH 1952. MONUMENTS NOT STAMPED.

*** retrieval complete.

Elapsed Time = 00:00:05

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX5330 *****
DX5330 DESIGNATION -   DVR 22
DX5330 PID          -   DX5330
DX5330 STATE/COUNTY-  CA/RIVERSIDE
DX5330 COUNTRY      -   US
DX5330 USGS QUAD    -   WINCHESTER (1979)
DX5330
DX5330                      *CURRENT SURVEY CONTROL
DX5330
DX5330* NAD 83(1986) POSITION- 33 41 27.      (N) 117 05 03.      (W) SCALED
DX5330* NAVD 88 ORTHO HEIGHT -   460.514 (meters)    1510.87 (feet) ADJUSTED
DX5330
DX5330 GEOID HEIGHT   -           -32.46 (meters)                      GEOID12A
DX5330 DYNAMIC HEIGHT -           459.987 (meters)    1509.14 (feet) COMP
DX5330 MODELED GRAVITY -   979,478.5 (mgal)                      NAVD 88
DX5330
DX5330 VERT ORDER     -   FIRST      CLASS II
DX5330
DX5330.The horizontal coordinates were scaled from a topographic map and have
DX5330.an estimated accuracy of +/- 6 seconds.
DX5330.
DX5330.The orthometric height was determined by differential leveling and
DX5330.adjusted by the NATIONAL GEODETIC SURVEY
DX5330.in January 1993.
DX5330
DX5330.The dynamic height is computed by dividing the NAVD 88
DX5330.geopotential number by the normal gravity value computed on the
DX5330.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
DX5330.degrees latitude (g = 980.6199 gals.).
DX5330
DX5330.The modeled gravity was interpolated from observed gravity values.
DX5330
DX5330;
DX5330;SPC CA 6      -           North      East      Units  Estimated Accuracy
DX5330;              -   669,350.    1,922,660.    MT  (+/- 180 meters Scaled)
DX5330
DX5330                      SUPERSEDED SURVEY CONTROL
DX5330
DX5330.No superseded survey control is available for this station.
DX5330
DX5330_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT921278(NAD 83)
DX5330
DX5330_MARKER: DD = SURVEY DISK
DX5330_SETTING: 80 = SET IN A BOULDER
DX5330_SP_SET:  IN DRILL HOLE IN A BOULDER
DX5330_STAMPING: MWD BM DVR 22 1992
DX5330_MARK LOGO: MWDSC
DX5330_MAGNETIC: N = NO MAGNETIC MATERIAL
DX5330_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL

```

DX5330_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
DX5330+SATELLITE: SATELLITE OBSERVATIONS - 1992

DX5330

DX5330	HISTORY	- Date	Condition	Report By
DX5330	HISTORY	- 1992	MONUMENTED	MWDSC

DX5330

DX5330

STATION DESCRIPTION

DX5330

DX5330'DESCRIBED BY METRO WATER DISTR SO. CALIFORNIA 1992

DX5330'1.1 MILES (1.8 KM) SOUTH OF WINCHESTER, NEAR THE INTERSECTION OF
DX5330'WINCHESTER RD AND PATTON AVE, 300 FEET (91.4 M) EAST OF WINCHESTER RD
DX5330'AND 453 FEET (138.1 M) SOUTH OF PATTON AVE. SET 1-3/8 INCH BRASS DISK
DX5330'IN A 11 FOOT (3.4 M) BY 14 FOOT (4.3 M) BOULDER

*** retrieval complete.

Elapsed Time = 00:00:03

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX5331 *****
DX5331 DESIGNATION -   DVR 23
DX5331 PID          -   DX5331
DX5331 STATE/COUNTY-  CA/RIVERSIDE
DX5331 COUNTRY      -   US
DX5331 USGS QUAD    -   WINCHESTER (1979)
DX5331
DX5331                      *CURRENT SURVEY CONTROL
DX5331
DX5331* NAD 83(1986) POSITION- 33 41 56.      (N) 117 05 05.      (W) SCALED
DX5331* NAVD 88 ORTHO HEIGHT - 447.983 (meters) 1469.76 (feet) ADJUSTED
DX5331
DX5331 GEOID HEIGHT   -      -32.46 (meters)                      GEOID12A
DX5331 DYNAMIC HEIGHT -      447.470 (meters) 1468.07 (feet) COMP
DX5331 MODELED GRAVITY - 979,478.0 (mgal)                      NAVD 88
DX5331
DX5331 VERT ORDER     -   FIRST      CLASS II
DX5331
DX5331.The horizontal coordinates were scaled from a topographic map and have
DX5331.an estimated accuracy of +/- 6 seconds.
DX5331.
DX5331.The orthometric height was determined by differential leveling and
DX5331.adjusted by the NATIONAL GEODETIC SURVEY
DX5331.in January 1993.
DX5331
DX5331.The dynamic height is computed by dividing the NAVD 88
DX5331.geopotential number by the normal gravity value computed on the
DX5331.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
DX5331.degrees latitude (g = 980.6199 gals.).
DX5331
DX5331.The modeled gravity was interpolated from observed gravity values.
DX5331
DX5331;
DX5331;SPC CA 6      -   North      East      Units  Estimated Accuracy
DX5331;              -   670,240.    1,922,620.    MT   (+/- 180 meters Scaled)
DX5331
DX5331                      SUPERSEDED SURVEY CONTROL
DX5331
DX5331.No superseded survey control is available for this station.
DX5331
DX5331_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT921287(NAD 83)
DX5331
DX5331_MARKER: DD = SURVEY DISK
DX5331_SETTING: 32 = SET IN A RETAINING WALL OR CONCRETE LEDGE
DX5331_SP_SET: WINGWALL
DX5331_STAMPING: MWD BM DVR 23 1991
DX5331_MARK LOGO: MWDS
DX5331_MAGNETIC: N = NO MAGNETIC MATERIAL
DX5331_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

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DX5331+STABILITY: SURFACE MOTION

DX5331_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

DX5331+SATELLITE: SATELLITE OBSERVATIONS - 1992

DX5331

DX5331	HISTORY	- Date	Condition	Report By
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DX5331	HISTORY	- 1992	MONUMENTED	MWDSC
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DX5331

DX5331

STATION DESCRIPTION

DX5331

DX5331'DESCRIBED BY METRO WATER DISTR SO. CALIFORNIA 1992

DX5331'0.6 MILE (1.0 KM) SOUTH OF WINCHESTER, NEAR THE INTERSECTION OF

DX5331'WINCHESTER RD AND OLIVE AVE, 260 FEET (79.2 M) SOUTH OF OLIVE AVE AND

DX5331'40 EAST OF WINCHESTER RD, SET A 1-3/8 INCH BRASS DISK IN TOP OF

DX5331'NORTHEAST WINGWALL AT FLOOD CONTROL CHANNEL.

*** retrieval complete.

Elapsed Time = 00:00:04

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX5349 *****
DX5349 DESIGNATION - M 8
DX5349 PID - DX5349
DX5349 STATE/COUNTY- CA/RIVERSIDE
DX5349 COUNTRY - US
DX5349 USGS QUAD - WINCHESTER (1979)
DX5349
DX5349 *CURRENT SURVEY CONTROL
DX5349
DX5349* NAD 83(1986) POSITION- 33 41 06. (N) 117 05 02. (W) SCALED
DX5349* NAVD 88 ORTHO HEIGHT - 459.430 (meters) 1507.31 (feet) ADJUSTED
DX5349
DX5349 GEOID HEIGHT - -32.45 (meters) GEOID12A
DX5349 DYNAMIC HEIGHT - 458.905 (meters) 1505.59 (feet) COMP
DX5349 MODELED GRAVITY - 979,478.7 (mgal) NAVD 88
DX5349
DX5349 VERT ORDER - FIRST CLASS II
DX5349
DX5349.The horizontal coordinates were scaled from a topographic map and have
DX5349.an estimated accuracy of +/- 6 seconds.
DX5349.
DX5349.The orthometric height was determined by differential leveling and
DX5349.adjusted by the NATIONAL GEODETIC SURVEY
DX5349.in May 1994.
DX5349
DX5349.The dynamic height is computed by dividing the NAVD 88
DX5349.geopotential number by the normal gravity value computed on the
DX5349.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
DX5349.degrees latitude (g = 980.6199 gals.).
DX5349
DX5349.The modeled gravity was interpolated from observed gravity values.
DX5349
DX5349; North East Units Estimated Accuracy
DX5349;SPC CA 6 - 668,700. 1,922,680. MT (+/- 180 meters Scaled)
DX5349
DX5349 SUPERSEDED SURVEY CONTROL
DX5349
DX5349 NAVD 88 (01/22/93) 459.435 (m) 1507.33 (f) SUPERSEDED 1 2
DX5349
DX5349.Superseded values are not recommended for survey control.
DX5349
DX5349.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DX5349.See file dsdata.txt to determine how the superseded data were derived.
DX5349
DX5349_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT922272(NAD 83)
DX5349
DX5349_MARKER: DD = SURVEY DISK
DX5349_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

```

DX5349_SP_SET: CONCRETE POST
DX5349_STAMPING: M 8 JULY 1963
DX5349_MARK LOGO: CA-065
DX5349_MAGNETIC: N = NO MAGNETIC MATERIAL
DX5349_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX5349+STABILITY: SURFACE MOTION
DX5349_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
DX5349+SATELLITE: SATELLITE OBSERVATIONS - November 12, 1992
DX5349

DX5349	HISTORY	- Date	Condition	Report By
DX5349	HISTORY	- 1963	MONUMENTED	CA-065
DX5349	HISTORY	- 19920403	GOOD	MWDSC
DX5349	HISTORY	- 19921112	GOOD	MWDSC

DX5349

DX5349

STATION DESCRIPTION

DX5349

DX5349'DESCRIBED BY METRO WATER DISTR SO. CALIFORNIA 1992
DX5349'1.6 MILES (2.6 KM) SOUTH OF THE TOWN OF WINCHESTER, AT THE SOUTHEAST
DX5349'CORNER OF NEWPORT RD AND WINCHESTER RD, 72 FEET (21.9 M) SOUTH OF
DX5349'NEWPORT 48 FEET (14.6 M) EAST OF WINCHESTER RD 6 FEET (1.8 M) NORTH
DX5349'OF PP 217367 FOUND A BRASS DISK SET IN TOP OF CONCRETE POST.

DX5349

DX5349

STATION RECOVERY (1992)

DX5349

DX5349'RECOVERY NOTE BY METRO WATER DISTR SO. CALIFORNIA 1992
DX5349'RECOVERED IN GOOD CONDITION.

*** retrieval complete.

Elapsed Time = 00:00:02

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX5365 *****
DX5365 DESIGNATION -   DVR 18
DX5365 PID          -   DX5365
DX5365 STATE/COUNTY-  CA/RIVERSIDE
DX5365 COUNTRY      -   US
DX5365 USGS QUAD    -   WINCHESTER (1979)
DX5365
DX5365                      *CURRENT SURVEY CONTROL
DX5365
DX5365* NAD 83(1986) POSITION- 33 39 27.      (N) 117 05 04.      (W)  SCALED
DX5365* NAVD 88 ORTHO HEIGHT -   446.089  (meters)    1463.54  (feet)  ADJUSTED
DX5365
DX5365 GEOID HEIGHT   -           -32.44  (meters)                                GEOID12A
DX5365 DYNAMIC HEIGHT -           445.579 (meters)    1461.87  (feet)  COMP
DX5365 MODELED GRAVITY -    979,480.5  (mgal)                                NAVD 88
DX5365
DX5365 VERT ORDER    -   FIRST      CLASS II
DX5365
DX5365.The horizontal coordinates were scaled from a topographic map and have
DX5365.an estimated accuracy of +/- 6 seconds.
DX5365.
DX5365.The orthometric height was determined by differential leveling and
DX5365.adjusted by the NATIONAL GEODETIC SURVEY
DX5365.in January 1993.
DX5365
DX5365.The dynamic height is computed by dividing the NAVD 88
DX5365.geopotential number by the normal gravity value computed on the
DX5365.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
DX5365.degrees latitude (g = 980.6199 gals.).
DX5365
DX5365.The modeled gravity was interpolated from observed gravity values.
DX5365
DX5365;
DX5365;SPC CA 6      -           North      East      Units  Estimated Accuracy
DX5365;              -   665,650.    1,922,610.    MT  (+/- 180 meters Scaled)
DX5365
DX5365                      SUPERSEDED SURVEY CONTROL
DX5365
DX5365.No superseded survey control is available for this station.
DX5365
DX5365_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT921241(NAD 83)
DX5365
DX5365_MARKER: DD = SURVEY DISK
DX5365_SETTING: 32 = SET IN A RETAINING WALL OR CONCRETE LEDGE
DX5365_SP_SET: HEADWALL
DX5365_STAMPING: MWD BM DVR 18 1991
DX5365_MARK LOGO: MWDS
DX5365_MAGNETIC: N = NO MAGNETIC MATERIAL
DX5365_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

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DX5365+STABILITY: SURFACE MOTION

DX5365_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR

DX5365+SATELLITE: SATELLITE OBSERVATIONS - 1991

DX5365

DX5365	HISTORY	- Date	Condition	Report By
--------	---------	--------	-----------	-----------

DX5365	HISTORY	- 1991	MONUMENTED	MWDSC
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DX5365

DX5365

STATION DESCRIPTION

DX5365

DX5365'DESCRIBED BY METRO WATER DISTR SO. CALIFORNIA 1991

DX5365'WINCHESTER, 4.0 MILES (6.4 KM) SOUTH ON WINCHESTER RD (HWY 79), 250

DX5365'FEET (76.2 M) SOUTH OF WARREN TURF FARM ON EAST SIDE OF WINCHESTER RD

DX5365'18 FEET (5.5 M) EAST OF CENTERLINE WINCHESTER RD, ON TOP OF 18 FOOT

DX5365'(5.5 M) LONG CONCRETE HEADWALL AT SOUTH END. SET 1-3/8 INCH BRASS

DX5365'DISK.

*** retrieval complete.

Elapsed Time = 00:00:09

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX5366 *****
DX5366 DESIGNATION - 48 OJA
DX5366 PID - DX5366
DX5366 STATE/COUNTY- CA/RIVERSIDE
DX5366 COUNTRY - US
DX5366 USGS QUAD - WINCHESTER (1979)
DX5366
DX5366 *CURRENT SURVEY CONTROL
DX5366
DX5366* NAD 83(1986) POSITION- 33 39 33. (N) 117 05 03. (W) SCALED
DX5366* NAVD 88 ORTHO HEIGHT - 446.679 (meters) 1465.48 (feet) ADJUSTED
DX5366
DX5366 GEOID HEIGHT - -32.44 (meters) GEOID12A
DX5366 DYNAMIC HEIGHT - 446.168 (meters) 1463.80 (feet) COMP
DX5366 MODELED GRAVITY - 979,480.2 (mgal) NAVD 88
DX5366
DX5366 VERT ORDER - FIRST CLASS II
DX5366
DX5366.The horizontal coordinates were scaled from a topographic map and have
DX5366.an estimated accuracy of +/- 6 seconds.
DX5366.
DX5366.The orthometric height was determined by differential leveling and
DX5366.adjusted by the NATIONAL GEODETIC SURVEY
DX5366.in January 1993.
DX5366
DX5366.The dynamic height is computed by dividing the NAVD 88
DX5366.geopotential number by the normal gravity value computed on the
DX5366.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
DX5366.degrees latitude (g = 980.6199 gals.).
DX5366
DX5366.The modeled gravity was interpolated from observed gravity values.
DX5366
DX5366; North East Units Estimated Accuracy
DX5366;SPC CA 6 - 665,830. 1,922,630. MT (+/- 180 meters Scaled)
DX5366
DX5366 SUPERSEDED SURVEY CONTROL
DX5366
DX5366.No superseded survey control is available for this station.
DX5366
DX5366_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT921243(NAD 83)
DX5366
DX5366_MARKER: DD = SURVEY DISK
DX5366_SETTING: 9 = SET IN PREFABRICATED CONCRETE POST IMBEDDED IN GROUND
DX5366_SP_SET: PREFAB CONC. POST IN CONCRETE
DX5366_STAMPING: 48 OJA 1967
DX5366_MARK LOGO: MWDC
DX5366_MAGNETIC: N = NO MAGNETIC MATERIAL
DX5366_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

```

DX5366+STABILITY: SURFACE MOTION

DX5366_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

DX5366+SATELLITE: SATELLITE OBSERVATIONS - April 09, 1992

DX5366

DX5366	HISTORY	- Date	Condition	Report By
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DX5366	HISTORY	- 1967	MONUMENTED	MWDSC
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DX5366	HISTORY	- 19920409	GOOD	MWDSC
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DX5366

DX5366

STATION DESCRIPTION

DX5366

DX5366'DESCRIBED BY METRO WATER DISTR SO. CALIFORNIA 1992

DX5366'WINCHESTER, 3.3 MILES (5.3 KM) SOUTH OF, 0.9 MILE (1.4 KM) SOUTH ALONG

DX5366'WINCHESTER RD (HWY 79) FROM THE INTERSECTION WITH HOLLAND RD, TO A

DX5366'DIRT RD GOING WEST, 49 FEET (14.9 M) EAST OF WINCHESTER RD, 35 FEET

DX5366'(10.7 M) SOUTH OF DIRT RD, 66 FEET (20.1 M) SOUTH OF POWER POLE NO

DX5366'217385. A 4 INCH BY 4 INCH CONCRETE POST WITH A STANDARD MWDSC BRASS

DX5366'CAP MONUMENT.

*** retrieval complete.

Elapsed Time = 00:00:04

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX5367 *****
DX5367 DESIGNATION -   DVR 19
DX5367 PID          -   DX5367
DX5367 STATE/COUNTY-  CA/RIVERSIDE
DX5367 COUNTRY      -   US
DX5367 USGS QUAD    -   WINCHESTER (1979)
DX5367
DX5367                      *CURRENT SURVEY CONTROL
DX5367
DX5367* NAD 83(1986) POSITION- 33 39 49.      (N) 117 05 03.      (W) SCALED
DX5367* NAVD 88 ORTHO HEIGHT - 444.443 (meters) 1458.14 (feet) ADJUSTED
DX5367
DX5367 GEOID HEIGHT   -      -32.45 (meters)                      GEOID12A
DX5367 DYNAMIC HEIGHT -      443.934 (meters) 1456.47 (feet) COMP
DX5367 MODELED GRAVITY - 979,479.9 (mgal)                      NAVD 88
DX5367
DX5367 VERT ORDER     -   FIRST      CLASS II
DX5367
DX5367.The horizontal coordinates were scaled from a topographic map and have
DX5367.an estimated accuracy of +/- 6 seconds.
DX5367.
DX5367.The orthometric height was determined by differential leveling and
DX5367.adjusted by the NATIONAL GEODETIC SURVEY
DX5367.in January 1993.
DX5367
DX5367.The dynamic height is computed by dividing the NAVD 88
DX5367.geopotential number by the normal gravity value computed on the
DX5367.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
DX5367.degrees latitude (g = 980.6199 gals.).
DX5367
DX5367.The modeled gravity was interpolated from observed gravity values.
DX5367
DX5367;
DX5367;SPC CA 6      -      North      East      Units  Estimated Accuracy
DX5367;              -      666,330.    1,922,640.    MT    (+/- 180 meters Scaled)
DX5367
DX5367                      SUPERSEDED SURVEY CONTROL
DX5367
DX5367.No superseded survey control is available for this station.
DX5367
DX5367_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT921248(NAD 83)
DX5367
DX5367_MARKER: DD = SURVEY DISK
DX5367_SETTING: 32 = SET IN A RETAINING WALL OR CONCRETE LEDGE
DX5367_SP_SET: HEADWALL
DX5367_STAMPING: MWD BM DVR 19 1992
DX5367_MARK LOGO: MWDS
DX5367_MAGNETIC: N = NO MAGNETIC MATERIAL
DX5367_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

```

DX5367+STABILITY: SURFACE MOTION

DX5367_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR

DX5367+SATELLITE: SATELLITE OBSERVATIONS - 1992

DX5367

DX5367	HISTORY	- Date	Condition	Report By
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DX5367	HISTORY	- 1992	MONUMENTED	MWDSC
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DX5367

DX5367

STATION DESCRIPTION

DX5367

DX5367'DESCRIBED BY METRO WATER DISTR SO. CALIFORNIA 1992

DX5367'0.5 MILE (0.8 KM) SOUTH FROM THE INTERSECTION OF WINCHESTER RD AND

DX5367'HOLLAND RD, 18 FEET (5.5 M) EAST OF WINCHESTER RD. ON TOP OF CONCRETE

DX5367'HEADWALL OF BOX CULVERT. SRET A 1-3/8 INCH BRASS DISK FLUSH.

*** retrieval complete.

Elapsed Time = 00:00:02

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX5368 *****
DX5368 DESIGNATION - M 7
DX5368 PID - DX5368
DX5368 STATE/COUNTY- CA/RIVERSIDE
DX5368 COUNTRY - US
DX5368 USGS QUAD - WINCHESTER (1979)
DX5368
DX5368 *CURRENT SURVEY CONTROL
DX5368
DX5368* NAD 83(1986) POSITION- 33 40 13. (N) 117 05 01. (W) SCALED
DX5368* NAVD 88 ORTHO HEIGHT - 445.501 (meters) 1461.61 (feet) ADJUSTED
DX5368
DX5368 GEOID HEIGHT - -32.45 (meters) GEOID12A
DX5368 DYNAMIC HEIGHT - 444.991 (meters) 1459.94 (feet) COMP
DX5368 MODELED GRAVITY - 979,479.3 (mgal) NAVD 88
DX5368
DX5368 VERT ORDER - FIRST CLASS II
DX5368
DX5368.The horizontal coordinates were scaled from a topographic map and have
DX5368.an estimated accuracy of +/- 6 seconds.
DX5368.
DX5368.The orthometric height was determined by differential leveling and
DX5368.adjusted by the NATIONAL GEODETIC SURVEY
DX5368.in January 1993.
DX5368
DX5368.The dynamic height is computed by dividing the NAVD 88
DX5368.geopotential number by the normal gravity value computed on the
DX5368.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
DX5368.degrees latitude (g = 980.6199 gals.).
DX5368
DX5368.The modeled gravity was interpolated from observed gravity values.
DX5368
DX5368; North East Units Estimated Accuracy
DX5368;SPC CA 6 - 667,070. 1,922,690. MT (+/- 180 meters Scaled)
DX5368
DX5368 SUPERSEDED SURVEY CONTROL
DX5368
DX5368.No superseded survey control is available for this station.
DX5368
DX5368_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT922256(NAD 83)
DX5368
DX5368_MARKER: DB = BENCH MARK DISK
DX5368_SETTING: 9 = SET IN PREFABRICATED CONCRETE POST IMBEDDED IN GROUND
DX5368_SP_SET: PREFAB CONC. POST IN CONCRETE
DX5368_STAMPING: M 7 JULY 1963
DX5368_MARK LOGO: CA-065
DX5368_MAGNETIC: N = NO MAGNETIC MATERIAL
DX5368_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

```

DX5368+STABILITY: SURFACE MOTION

DX5368_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

DX5368+SATELLITE: SATELLITE OBSERVATIONS - April 09, 1992

DX5368

DX5368	HISTORY	- Date	Condition	Report By
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DX5368	HISTORY	- 1963	MONUMENTED	CA-065
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DX5368	HISTORY	- 19920409	GOOD	MWDSC
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DX5368

DX5368

STATION DESCRIPTION

DX5368

DX5368'DESCRIBED BY METRO WATER DISTR SO. CALIFORNIA 1992

DX5368'AT THE SOUTHEAST CORNER OF WINCHESTER RD AND HOLLAND RD, 49 FEET

DX5368'(14.9 M) EAST OF WINCHESTER RD AND 47 FEET (14.3 M) SOUTH OF HOLLAND

DX5368'RD, 2 FEET (0.6 M) EAAST OF POWER POLE NO 217377. A BRASS DISK IN TOP

DX5368'OF A 6 INCH DIAMETER CONCRETE POST.

*** retrieval complete.

Elapsed Time = 00:00:02

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX5369 *****
DX5369 DESIGNATION -   SAN DIEGO AQUEDUCT 681+66
DX5369 PID          -   DX5369
DX5369 STATE/COUNTY-  CA/RIVERSIDE
DX5369 COUNTRY      -   US
DX5369 USGS QUAD    -   WINCHESTER (1979)
DX5369
DX5369                      *CURRENT SURVEY CONTROL
DX5369
DX5369* NAD 83(1986) POSITION- 33 40 15.      (N) 117 05 06.      (W)  SCALED
DX5369* NAVD 88 ORTHO HEIGHT -   446.540 (meters)    1465.02 (feet) ADJUSTED
DX5369
DX5369 GEOID HEIGHT   -       -32.45 (meters)                                GEOID12A
DX5369 DYNAMIC HEIGHT -       446.029 (meters)    1463.35 (feet) COMP
DX5369 MODELED GRAVITY -   979,479.7 (mgal)                                NAVD 88
DX5369
DX5369 VERT ORDER     -   FIRST      CLASS II
DX5369
DX5369.The horizontal coordinates were scaled from a topographic map and have
DX5369.an estimated accuracy of +/- 6 seconds.
DX5369.
DX5369.The orthometric height was determined by differential leveling and
DX5369.adjusted by the NATIONAL GEODETIC SURVEY
DX5369.in January 1993.
DX5369
DX5369.The dynamic height is computed by dividing the NAVD 88
DX5369.geopotential number by the normal gravity value computed on the
DX5369.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
DX5369.degrees latitude (g = 980.6199 gals.).
DX5369
DX5369.The modeled gravity was interpolated from observed gravity values.
DX5369
DX5369;
DX5369;SPC CA 6      -   North      East      Units  Estimated Accuracy
DX5369;              -   667,130.    1,922,570.    MT    (+/- 180 meters Scaled)
DX5369
DX5369                      SUPERSEDED SURVEY CONTROL
DX5369
DX5369.No superseded survey control is available for this station.
DX5369
DX5369_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT921256(NAD 83)
DX5369
DX5369_MARKER: S = SPIKE
DX5369_SETTING: 34 = SET IN THE FOOTINGS OF SMALL/MEDIUM STRUCTURES
DX5369_SP_SET:  MANHOLE STRUCTURE
DX5369_MARK LOGO: NONE
DX5369_MAGNETIC: O = OTHER; SEE DESCRIPTION
DX5369_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
DX5369+STABILITY: SURFACE MOTION

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DX5369_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
DX5369+SATELLITE: SATELLITE OBSERVATIONS - April 09, 1992

DX5369

DX5369	HISTORY	- Date	Condition	Report By
DX5369	HISTORY	- 1947	MONUMENTED	USN
DX5369	HISTORY	- 19920409	GOOD	MWDSC

DX5369

DX5369

DX5369

STATION DESCRIPTION

DX5369'DESCRIBED BY METRO WATER DISTR SO. CALIFORNIA 1992

DX5369'FROM THE INTERSECTION OF WINCHESTER RD AND HOLLAND RD 250 FEET

DX5369'(76.2 M) EAST OF WINCHESTER RD AND 40 FEET (12.2 M) NORTH OF HOLLAND

DX5369'RD, AT THE NORTHEAST CORNER OF SQUARE MANHOLE ON THE SAN DIEGO

DX5369'PIPELINE NO 1 AT STATION 681+66. A BOAT SPIKE SET

*** retrieval complete.

Elapsed Time = 00:00:01

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX5370 *****
DX5370 DESIGNATION -   DVR 21
DX5370 PID          -   DX5370
DX5370 STATE/COUNTY-  CA/RIVERSIDE
DX5370 COUNTRY      -   US
DX5370 USGS QUAD    -   WINCHESTER (1979)
DX5370
DX5370                      *CURRENT SURVEY CONTROL
DX5370
DX5370* NAD 83(1986) POSITION- 33 40 47.      (N) 117 05 03.      (W)  SCALED
DX5370* NAVD 88 ORTHO HEIGHT -   459.378 (meters)    1507.14 (feet)  ADJUSTED
DX5370
DX5370 GEOID HEIGHT   -           -32.45 (meters)                                GEOID12A
DX5370 DYNAMIC HEIGHT -           458.852 (meters)    1505.42 (feet)  COMP
DX5370 MODELED GRAVITY -   979,479.0 (mgal)                                NAVD 88
DX5370
DX5370 VERT ORDER     -   FIRST      CLASS II
DX5370
DX5370.The horizontal coordinates were scaled from a topographic map and have
DX5370.an estimated accuracy of +/- 6 seconds.
DX5370.
DX5370.The orthometric height was determined by differential leveling and
DX5370.adjusted by the NATIONAL GEODETIC SURVEY
DX5370.in January 1993.
DX5370
DX5370.The dynamic height is computed by dividing the NAVD 88
DX5370.geopotential number by the normal gravity value computed on the
DX5370.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
DX5370.degrees latitude (g = 980.6199 gals.).
DX5370
DX5370.The modeled gravity was interpolated from observed gravity values.
DX5370
DX5370;
DX5370;SPC CA 6      -           North      East      Units  Estimated Accuracy
DX5370;              -   668,110.    1,922,650.    MT  (+/- 180 meters Scaled)
DX5370
DX5370                      SUPERSEDED SURVEY CONTROL
DX5370
DX5370.No superseded survey control is available for this station.
DX5370
DX5370_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT921266(NAD 83)
DX5370
DX5370_MARKER: DD = SURVEY DISK
DX5370_SETTING: 80 = SET IN A BOULDER
DX5370_SP_SET: BOULDER
DX5370_STAMPING: MWD BM DVR 21 1991
DX5370_MARK LOGO: MWDSC
DX5370_MAGNETIC: N = NO MAGNETIC MATERIAL
DX5370_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL

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DX5370_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
DX5370+SATELLITE: SATELLITE OBSERVATIONS - November 21, 1992

DX5370

DX5370	HISTORY	- Date	Condition	Report By
DX5370	HISTORY	- 1991	MONUMENTED	MWDSC
DX5370	HISTORY	- 19921121	GOOD	MWDSC

DX5370

DX5370

STATION DESCRIPTION

DX5370

DX5370'DESCRIBED BY METRO WATER DISTR SO. CALIFORNIA 1991

DX5370'0.4 MILE (0.6 KM) SOUTH FROM THE INTERSECTION OF WINCHESTER RD (HWY
DX5370'79) AND NEWPORT RD, 50 FEET (15.2 M) EAST OF WINCHESTER RD, A 6 FOOT
DX5370'(1.8 M) BY 12 FOOT (3.7 M) BOULDER, A 1-3/8 INCH BRASS DISK SET
DX5370'FLUSH.

DX5370

DX5370

STATION RECOVERY (1992)

DX5370

DX5370'RECOVERY NOTE BY METRO WATER DISTR SO. CALIFORNIA 1992

DX5370'RECOVERED IN GOOD CONDITION.

*** retrieval complete.

Elapsed Time = 00:00:01

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey,  Retrieval Date = MARCH 24, 2014
DX5633 *****
DX5633 DESIGNATION - 79 15 15
DX5633 PID - DX5633
DX5633 STATE/COUNTY- CA/RIVERSIDE
DX5633 COUNTRY - US
DX5633 USGS QUAD - WINCHESTER (1979)
DX5633
DX5633 *CURRENT SURVEY CONTROL
DX5633
DX5633* NAD 83(1986) POSITION- 33 41 06. (N) 117 05 02. (W) SCALED
DX5633* NAVD 88 ORTHO HEIGHT - 459.393 (meters) 1507.19 (feet) ADJUSTED
DX5633
DX5633 GEOID HEIGHT - -32.45 (meters) GEOID12A
DX5633 DYNAMIC HEIGHT - 458.867 (meters) 1505.47 (feet) COMP
DX5633 MODELED GRAVITY - 979,478.7 (mgal) NAVD 88
DX5633
DX5633 VERT ORDER - FIRST CLASS II
DX5633
DX5633.The horizontal coordinates were scaled from a topographic map and have
DX5633.an estimated accuracy of +/- 6 seconds.
DX5633.
DX5633.The orthometric height was determined by differential leveling and
DX5633.adjusted by the NATIONAL GEODETIC SURVEY
DX5633.in May 1994.
DX5633
DX5633.The dynamic height is computed by dividing the NAVD 88
DX5633.geopotential number by the normal gravity value computed on the
DX5633.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
DX5633.degrees latitude (g = 980.6199 gals.).
DX5633
DX5633.The modeled gravity was interpolated from observed gravity values.
DX5633
DX5633; North East Units Estimated Accuracy
DX5633;SPC CA 6 - 668,700. 1,922,680. MT (+/- 180 meters Scaled)
DX5633
DX5633 SUPERSEDED SURVEY CONTROL
DX5633
DX5633.No superseded survey control is available for this station.
DX5633
DX5633_U.S. NATIONAL GRID SPATIAL ADDRESS: 11SMT922272(NAD 83)
DX5633
DX5633_MARKER: DD = SURVEY DISK
DX5633_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DX5633_SP_SET: CONCRETE POST
DX5633_STAMPING: RIV 79-15.15 LS 5679 1990
DX5633_MARK LOGO: CADT
DX5633_MAGNETIC: N = NO MAGNETIC MATERIAL
DX5633_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

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DX5633+STABILITY: SURFACE MOTION

DX5633_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

DX5633+SATELLITE: SATELLITE OBSERVATIONS - November 09, 1992

DX5633

DX5633	HISTORY	- Date	Condition	Report By
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DX5633	HISTORY	- 1990	MONUMENTED	CADT
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DX5633	HISTORY	- 19921109	GOOD	MWDSC
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DX5633

DX5633

STATION DESCRIPTION

DX5633

DX5633'DESCRIBED BY METRO WATER DISTR SO. CALIFORNIA 1992

DX5633'WINCHESTER, 1.6 MILES (2.6 KM) SOUTH OF, AT THE SOUTHEAST CORNER OF

DX5633'NEWPORT RD. AND WINCHESTER RD., 72 FEET (21.9 M) SOUTH OF NEWPORT

DX5633'RD. AND 48 FEET (14.6 M) EAST OF WINCHESTER RD. IN THE SOUTHEAST

DX5633'QUADRANT OF THE INTERSECTION, 55 FEET (16.8 M) SOUTH OF NEWPORT ROAD

DX5633'AND 72 FEET (21.9 M) EAST OF WINCHESTER ROAD, IN TOP OF A CONCRETE

DX5633'POST FLUSH WITH THE GROUND.

*** retrieval complete.

Elapsed Time = 00:00:05