

The NGS Data Sheet

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

PROGRAM = datasheet95, VERSION = 8.12.5.19

Starting Datasheet Retrieval...

1 National Geodetic Survey, Retrieval Date = SEPTEMBER 29, 2024 19:00:32 EDT

TR2083 *****

TR2083 DESIGNATION - PINE RESET

TR2083 PID - TR2083

TR2083 STATE/COUNTY- WA/SAN JUAN

TR2083 COUNTRY - US

TR2083 USGS QUAD - SHAW ISLAND (2017)

TR2083

TR2083 *CURRENT SURVEY CONTROL

TR2083

TR2083* NAD 83(1991) POSITION- 48 35 29.63112(N) 122 54 53.95296(W) ADJUSTED

TR2083* [NAVD 88](#) ORTHO HEIGHT - 3. (meters) 10. (feet) SCALED

TR2083

TR2083 GEOID HEIGHT - -21.424 (meters) GEOID18

TR2083 LAPLACE CORR - -4.78 (seconds) DEFLEC18

TR2083 HORZ ORDER - THIRD

TR2083

TR2083.The horizontal coordinates were established by classical geodetic methods

TR2083.and adjusted by the National Geodetic Survey in December 1991.

TR2083

TR2083.The orthometric height was scaled from a topographic map.

TR2083

TR2083.Significant digits in the geoid height do not necessarily reflect accuracy.

TR2083.GEOID18 height accuracy estimate available [here](#).

TR2083

TR2083.Click [photographs](#) - Photos may exist for this station.

TR2083

TR2083.The Laplace correction was computed from DEFLEC18 derived deflections.

TR2083

TR2083. The following values were computed from the NAD 83(1991) position.

TR2083

TR2083;		North	East	Units	Scale Factor	Converg.
TR2083;SPC WA N	-	179,035.101	346,462.464	MT	0.99997643	-1 32 59.4
TR2083;SPC WA N	-	587,384.33	1,136,685.60	sFT	0.99997643	-1 32 59.4
TR2083;UTM 10	-	5,382,057.016	506,268.754	MT	0.99960048	+0 03 49.5

TR2083

TR2083! - Elev Factor x Scale Factor = Combined Factor

TR2083!SPC WA N - 1.00000286 x 0.99997643 = 0.99997929

TR2083!UTM 10 - 1.00000286 x 0.99960048 = 0.99960334

TR2083

TR2083: Primary Azimuth Mark Grid Az

TR2083:SPC WA N - STAHL RESET 095 04 15.8

TR2083:UTM 10 - STAHL RESET 093 27 26.9

TR2083

TR2083_U.S. NATIONAL GRID SPATIAL ADDRESS: 10UEU0626882057(NAD 83)

TR2083

TR2083	PID	Reference Object	Distance	Geod. Az
TR2083	CF8324	PINE RM 1	4.748 METERS	01706
TR2083	TR2090	STAHL RESET	APPROX. 1.3 KM	0933116.4
TR2083	CF8325	PINE RM 2	5.568 METERS	10737

TR2083

TR2083

SUPERSEDED SURVEY CONTROL

TR2083

TR2083 NAD 83(1986)- 48 35 29.63305(N) 122 54 53.95527(W) AD() 3

TR2083 NAD 27 - 48 35 30.26900(N) 122 54 49.32000(W) AD() 3

TR2083

TR2083.Superseded values are not recommended for survey control.

TR2083

TR2083.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

TR2083.See file [dsdata.pdf](#) to determine how the superseded data were derived.

TR2083

TR2083_MARKER: DS = TRIANGULATION STATION DISK

TR2083_SETTING: 66 = SET IN ROCK OUTCROP

TR2083_STAMPING: PINE 1889 1940

TR2083_MARK LOGO: CGS

TR2083_STABILITY: A = MOST RELIABLE AND EXPECTED TO HOLD

TR2083+STABILITY: POSITION/ELEVATION WELL

TR2083

TR2083	HISTORY	- Date	Condition	Report By
TR2083	HISTORY	- 1889	MONUMENTED	CGS
TR2083	HISTORY	- 1894	SEE DESCRIPTION	CGS
TR2083	HISTORY	- 1940	GOOD	CGS
TR2083	HISTORY	- 1947	GOOD	CGS
TR2083	HISTORY	- 1973	GOOD	USGS

TR2083

TR2083 STATION DESCRIPTION

TR2083

TR2083'DESCRIBED BY COAST AND GEODETIC SURVEY 1889 (JJG)

TR2083'STATION IS ON THE MOST SOUTHERLY POINT OF ORCAS ISLAND, W OF
TR2083'GRINDSTONE HARBOR. IT IS ABOUT 1/4 MILE W FROM THE BUILDING
TR2083'KNOWN AS SWEENEYS OLD STORE. TO THE WESTWARD OF STATION IS QUITE
TR2083'A DEEP BIGHT, THE W POINT OF WHICH IS FORMED BY A SMALL WOODED
TR2083'ISLAND. POINT HUMPHREY IS 2 DEG OPEN WITH UPRIGHT POINT.
TR2083'BLAKELY MOUNTAIN IS OPEN WITH TRIPPLE POINT. STATION TRIPPLE
TR2083'POINT IS NOT VISIBLE.

TR2083'

TR2083'A PINE TREE IN LINE TO E ENTRANCE TO SHAWS BAY WAS CUT AND A
TR2083'COMPOSITION NAIL IN STUMP IS DISTANT 16 FEET 6 INCHES.

TR2083'

TR2083'STATION IS ON A LEVEL SHELF 15 FEET ABOVE TIDES.

TR2083'

TR2083'STATION MARK IS 1/2-INCH HOLE 1-1/2 INCHES DEEP IN SOLID ROCK,
TR2083'PROJECTING ABOVE SOIL. IT IS ON A NARROW RIDGE RUNNING E-AND-W.

TR2083

TR2083 STATION RECOVERY (1894)

TR2083

TR2083'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1894 (JJG)

TR2083'THIS STATION ON ORCAS ISLAND WAS MARKED AND DESCRIBED IN
TR2083'1889. FOUND OLD POLE STANDING BUT OUT OF ADJUSTMENT. REMOVED
TR2083'IT AND SET UP A NEW ONE.

TR2083

TR2083 STATION RECOVERY (1940)

TR2083

TR2083'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1940 (LCW)

TR2083'FOUND DRILL HOLE AND RE-MARKED WITH STANDARD DISK STAMPED PINE
TR2083'1889-1940. TWO REFERENCE MARKS, STANDARD DISKS, WERE SET AND
TR2083'STAMPED.

TR2083'

TR2083'ON THE N SIDE OF HARNEY CHANNEL, S SIDE OF ORCAS ISLAND 2 MILES
TR2083'IN FROM BROKEN POINT ON A ROUNDING LEDGE POINT 9 METERS BACK FROM
TR2083'HIGH WATER AND 20 FEET ABOVE. POINT RISES ABRUPTLY FROM THE
TR2083'STATION TO A KNOB BACK OF THE STATION AND ABOUT 40 FEET
TR2083'HIGHER. THERE ARE SCATTERED TREES NEAR THE STATION AND THIS
TR2083'KNOB.

TR2083'

TR2083'THE NEXT PROMINENT POINT TO THE W IS THE PROMINENT ISLAND ON
TR2083'N SIDE OF HARNEY CHANNEL (CONNECTED TO ORCAS EXCEPT AT EXTREME
TR2083'TIDES). FROM STATION THE END OF THE FERRY SLIP ON THE POINT AT
TR2083'THE E ENTRANCE TO BLIND BAY IS IN RANGE WITH A LONE WHITE HOUSE

TR2083'IN BLIND BAY.

TR2083

TR2083

STATION RECOVERY (1947)

TR2083

TR2083'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1947 (HAK)

TR2083'STATION IS LOCATED ON THE N SIDE OF HARNEY CHANNEL, ON THE S SIDE
TR2083'OF ORCAS ISLAND, 2 MILES IN FROM BROKEN POINT, ON A ROUNDING LEDGE
TR2083'POINT, 9 METERS BACK FROM HIGH WATER, AND 20 FEET ABOVE HIGH
TR2083'WATER. THE POINT RISES ABRUPTLY FROM THE STATION TO A KNOB BACK
TR2083'OF THE STATION AND ABOUT 40 FEET HIGHER. THERE ARE SCATTERED
TR2083'TREES NEAR THE STATION AND THIS KNOB. THE NEXT PROMINENT POINT
TR2083'TO THE W IS THE PROMINENT ISLAND ON THE N SIDE OF HARNEY
TR2083'CHANNEL (CONNECTED TO ORCAS ISLAND EXCEPT AT EXTREME TIDES).
TR2083'FROM STATION, THE END OF THE FERRY SLIP ON THE POINT AT THE E
TR2083'ENTRANCE TO BLIND BAY IS IN RANGE WITH A LONE WHITE HOUSE
TR2083'IN BLIND BAY.

TR2083'

TR2083'STATION MARK IS A BRONZE DISK CEMENTED IN A DRILL HOLE AND
TR2083'STAMPED PINE 1889 1940.

TR2083'

TR2083'REFERENCE MARK 1 IS A BRONZE DISK STAMPED PINE 1889 1940 AND IS
TR2083'4.748 METERS N OF THE STATION.

TR2083'

TR2083'REFERENCE MARK 2 IS A BRONZE DISK STAMPED PINE 1889 1940,
TR2083'CEMENTED IN A DRILL HOLE, AND IS 5.568 METERS E OF THE STATION.

TR2083'

TR2083'ALL MARKS WERE FOUND IN GOOD CONDITION.

TR2083

TR2083

STATION RECOVERY (1973)

TR2083

TR2083'RECOVERY NOTE BY US GEOLOGICAL SURVEY 1973

TR2083'STATION FOUND AS DESCRIBED, NEW ELEV ESTABLISHED.