

WSRN Coords - NAD83-2011 Epoch 2010.00

Coords currently applied to WSRN Stations - August 23rd, 2018

Site #	Site Name	Location	Date Calc'd	Lat	LatM	LatS	Dec Deg Lat	Lng	LngM	LngS	Dec Deg Long (W)	Dec Deg Long (E)	Height	Geoid Separation	Ortho (2012B Geoid from NGS website)	Old Ortho	Calc Source	Antenna / Dome	Receiver
414	ANAT	Anatone WA	6/11/2014	46	7	58.2949	46.13285969	117	8	7.48062	-117.1354113	242.8645887	1087.775	-17.293	1105.068	1105.068	WSRN	LEIAR10 NONE	LEICA GR10
245	AQUA	Mount Vernon WA	3/13/2018	48	26	0.35549	48.43343208	122	20	32.82341	-122.3244251	237.6575488	-6.402	-21.939	15.537		WSRN	TRM15000.00 NONE	NetR9
11	ARLI	Arlington WA	5/30/2014	48	10	26.62573	48.1740627	122	8	30.63211	-122.1418423	237.8581577	23.622	-22.568	46.19	46.199	Bluebooked	TRM57971.00 SCIT	NetR9
151	ARLN	Arlington OR	4/23/2012	45	42	29.52492	45.70820137	120	10	59.7112	-120.1832531	239.8167469	120.839	-21.616	142.455	142.455	WSRN	LEIA7504GG LEIS	GRX1200GGPRO
566	BCES	Esquimalt BC	8/1/2016	48	25	45.33282	48.42925912	123	25	43.28761	-123.428691	236.571309	21.446	-19.477	40.923		WSRN	TRM59800.00 NONE	NetR9
21	BDRY	Metaline Falls WA	6/27/2012	48	59	12.0983	48.98669397	117	20	59.67256	-117.349909	242.650091	602.202	-16.363	618.565	618.569	Bluebooked	TRM57971.00 SCIT	NetG3A
14	BELI	Bellingham WA	3/4/2017	48	45	18.95183	48.7552644	122	28	44.23661	-122.4789546	237.5210454	10.893	-21.511	32.404	32.404	Bluebooked	TRM57971.00 NONE	NetR9
304	BIGD	Grand Coulee WA	6/27/2012	47	55	59.8421	47.93328947	118	59	19.73689	-118.9888158	241.0111842	493.734	-19.694	513.428	513.370	Bluebooked	TPSCR_G3 TP5H	NetG3A
80	BILS	Queets WA	5/30/2014	47	32	21.62615	47.5393406	124	15	9.03165	-124.2525088	235.7474912	38.662	-23.521	62.183	62.183	WSRN	TRM57971.00 SCIT	NetR9
441	BPKT	Badger Pocket, WA	5/19/2014	46	52	59.34271	46.88315075	120	19	37.57592	-120.3271044	239.6728956	564.926	-20.467	585.393		WSRN	TPSCR_G3 TP5H	NetG3A
23	BRN3	Burnaby BC	10/22/2013	49	16	11.59957	49.26988877	123	0	56.01816	-123.0155606	236.9844394	32.983	-20.03	53.013	43.36	WSRN	TRM5971.00 NONE	NetR9
104	CATH	Cathlamet WA	7/25/2012	46	11	50.2759	46.19729886	123	22	2.1128	-123.3672536	236.6327464	56.668	-21.168	77.836	77.836	WSRN	TPSCR_G3 TP5H	NetG3A
205	CBLV	Bellevue, WA	11/4/2016	47	36	51.07453	47.61418737	122	11	29.27092	-122.1914641	237.8085359	46.146	-23.636	69.782		WSRN	TRM59800.00 SCIS	NetR9
320	CCPW	Dayton WA	8/31/2014	46	19	16.31812	46.32119948	117	58	42.88324	-117.9785787	242.0214213	497.798	-19.8	517.598		WSRN	TPSCR_G3 TP5H	NetG3A
12	CHCM	Chimacum WA	2/28/2012	48	0	38.20883	48.0161356	122	46	33.05887	-122.7758497	237.2241503	20.698	-21.734	42.412	42.415	NGS CORS	TRM57971.00 SCIT	NetR9
408	CHEL	Chelan WA	6/27/2012	47	49	53.58342	47.83155095	119	59	23.59413	-119.9889873	240.0101127	345.933	-19.267	365.2	365.090	WSRN	TPSCR_G3 TP5H	NetG3A
28	CHLW	Chilwack BC	6/5/2017	49	8	36.647	49.14351306	121	59	42.716	-121.9951989	238.0048008	1.997	-19.331	21.328	19.342	WSRN	TRM57971.00 NONE	NetR9
117	CHST	Chehalis, WA	9/15/2016	46	36	43.89001	46.61219389	122	54	34.40191	-122.9095561	237.0904439	58.469	-21.576	80.045		WSRN	TPSCR_G3 NONE	NetG3A
35	CNCR	Concrete WA	10/22/2013	48	32	19.32762	48.53870212	121	44	5.422098	-121.7492836	238.2507164	56.039	-19.566	75.605	75.61	Bluebooked	LEIA1202GG NONE	GRX1200GGPRO
312	COLV	Colville WA	6/27/2012	48	32	41.13625	48.54476007	117	54	11.696	-117.9032489	242.0967511	486.513	-17.580	504.093	504.090	Bluebooked	TPSCR_G3 TP5H	NetG3A
111	COUG	Cougar WA	4/23/2012	46	3	33.1627	46.05921186	122	15	38.27236	-122.2607576	237.7392424	151.856	-20.483	172.339	172.698	WSRN	TPSCR_G3 TP5H	NetG3A
13	COUP	Coupeville WA	10/22/2013	48	13	2.30441	48.21730678	122	41	8.11457	-122.6855874	237.3144126	21.308	-22.415	43.723	43.754	Bluebooked	TRM57971.00 SCIT	NetG3A
26	CPUD	Wenatchee WA	6/1/2015	47	25	48.625	47.43017361	120	18	51.14617	-120.3142073	239.6857927	186.408	-19.621	206.029		WSRN	TRM5971.00 TZGD	NetR9
17	CPXF	Pack Forest WA	2/25/2012	46	50	24.29155	46.84008099	122	15	23.40713	-122.256502	237.743498	533.98	-21.189	555.169	555.179	NGS CORS	LEIA7504GG LEIS	GRX1200GGPRO
103	CROK	Castle Rock WA	6/6/2012	46	16	28.54486	46.27459579	122	54	45.09329	-122.9125259	237.0874741	1.473	-21.306	22.779	22.779	WSRN	TPSCR_G3 TP5H	NetG3A
27	CSKI	Kent WA	7/12/2012	47	22	50.04263	47.805674	122	14	8.82186	-122.2357839	237.7642162	10.61	-22.782	33.392	33.392	WSRN	TRM57971.00 NONE	NetR9
97	CULM	Spada Lake, WA	10/1/2018	47	58	31.47267	47.97540908	121	41	12.64376	-121.6684565	237.7642162	437.548	-20.75	458.298		WSRN	TRM15000.00 NONE	NetR9
75	CUSH	Lake Cushman WA	5/30/2014	47	25	20.4218	47.42334005	123	13	11.66374	-123.2199066	236.7800934	237.373	-21	238.373	237.759	WSRN	TRM57971.00 NONE	NetR9
79	DEEJ	Amanda Park WA	4/17/2012	47	28	7.79755	47.46883265	123	55	34.0525	-123.9261257	236.0738743	103.905	-22.56	126.465	126.465	WSRN	TRM57971.00 SCIT	NetG3A
331	DMDN	Diamond Lake WA	2/19/2013	48	8	12.36032	48.13676676	117	9	49.10455	-117.1636402	242.8363598	718.552	-17.335	735.887		WSRN	TPSCR_G3 TP5H	NetG3A
308	DVPT	Davenport WA	4/1/2012	47	39	21.83773	47.65606604	118	8	52.06881	-118.1477969	241.8522031	727.989	-19	746.989	747.038	WSRN	TRM15000.00 NONE	NetG3A
8	ELSR	Bremerton Airport WA	7/30/2012	47	29	51.36057	47.49760016	122	45	38.04105	-122.760567	239.239433	115.512	-21.99	137.502	137.502	WSRN	TRM57971.00 SCIT	NetR9
7	ENUM	Enumclaw WA	7/25/2012	47	12	22.32993	47.20620276	121	57	20.04105	-121.955657	238.044433	227.393	-21.765	249.158	249.158	Bluebooked	TRM5971.00 SCIT	NetR5
29	EPHR	Eprhata WA	6/27/2012	47	19	45.52959	47.32933128	119	32	40.78466	-119.5446624	240.4553376	735.823	-20.347	396.17	396.130	Bluebooked	TPSCR_G3 TP5H	NetG3A
64	GHCC	Grays Harbor WA	5/21/2018	47	57	9.29803	47.95258279	123	47	7.357	-123.7853769	236.2146231	32.647	-20.222	52.869		WSRN	TPSCR_G3 TP5H	NetG3A
102	GLWD	Glenwood WA	2/22/2012	46	1	11.36774	46.01982437	123	17	18.92602	-121.2885906	238.7114094	461.399	-20.502	581.901	581.901	WSRN	TRM57971.00 SCIT	NetG3A
406	GOLY	Goldendale WA	4/23/2012	45	49	43.29713	45.8289365	120	48	8.78673	-120.8024408	239.1975592	500.616	-20.845	521.461	521.461	WSRN	TRM15000.00 NONE	NetG3A
305	GRCK	Grouse Creek WA	8/3/2018	48	8	38.89091	48.14359801	117	39	52.38897	-117.6645525	242.8354475	670.155	-17.923	688.078	688.078	WSRN	TRM57971.00 SCIT	NetR9
54	GRMD	Grand Mound WA	3/30/2012	46	47	43.73513	46.79548198	123	1	21.28916	-123.0225803	236.9774197	31.071	-21.218	52.289	52.311	NGS CORS	TRM57971.00 SCIT	NetR5
57	HAHD	Palmer WA	2/28/2012	47	17	26.86781	47.9079661	121	47	17.03839	-121.7890662	238.2119338	854.303	-21.210	875.513	875.513	NGS CORS	TRM57971.00 SCIT	NetR9
58	JOBO	Edison WA	6/1/2014	48	33	44.5201	48.56236689	122	26	14.21389	-122.4372816	237.5627184	-11.220	-21.722	10.502		WSRN	TPSCR_G3 TP5H	NetR5
402	KENI	Kenwick WA	6/27/2012	46	11	52.36533	46.19787926	119	9	31.01593	-119.1586155	240.8413845	146.542	-21.671	168.210	168.210	Bluebooked	TRM15000.00 NONE	NetG3A
311	KLTS	Kahlotus WA	2/29/2012	46	38	35.52937	46.6432026	118	33	29.34766	-118.5581521	241.4418479	257.666	-20.955	278.621	278.621	WSRN	TRM57971.00 SCIT	NetR5
302	KOOT	Coeur D' Alene ID	9/4/2014	47	46	14.67879	47.77074411	116	48	34.64878	-116.8096247	243.1903753	686.193	-17.568	703.761	703.730	Bluebooked	TRM57971.00 SCIT	NetG3A
366	LORS	Lacrosse WA	2/27/2015	46	49	10.46563	46.81953739	117	52	42.92742	-117.878591	242.1214091	441.603	-19.977	461.58		WSRN	TPSCR_G3 TP5H	NetG3A
24	LINH	Ellensburg WA	7/25/2012	47	0	1.19117	47.00033088	120	32	18.54497	-120.5384847	239.4615153	472.723	-20.254	492.977	492.98	WSRN	TRM15000.00 NONE	NetG3A
424	LMID	Toppenish WA	6/25/2012	46	22	9.76199	46.36937833	120	17	4.75531	-120.2846543	239.7153457	212.133	-21.632	233.765	233.765	WSRN	TPSCR_G3 TP5H	NetG3A
10	LNGB	Longbranch WA	8/29/2012	47	13	7.61364	47.21878157	122	45	29.87399	-122.7582983	237.2417017	2.785	-22.478	25.263	25.263	WSRN	LEIA7504GG LEIS	LEICA GR30
9	LSIG	Tolt River WA	10/22/2013	47	41	42.7079	47.69519664	121	41	22.37198	-121.6895478	238.3104522	527.505	-21.174	548.679	548.680	Bluebooked	TRM57971.00 SCIT	NetR9
303	LTAH	Latah WA	6/27/2012	47	16	56.72442	47.28242345	117	9	49.92569	-117.1638862	242.8361318	736.306	-18.166	754.202	754.185	Bluebooked	TPSCR_G3 TP5H	NetR5
117	LWCK	Ilwaco WA	3/21/2012	46	16	41.2653	46.27812925	124	3	13.78325	-124.0538287	235.9461713	39.299	-24.359	63.658	63.747	WSRN	TRM57971.00 SCIT	NetG3A
611	LWST	Lewiston ID	8/30/2011	46	22	23.42488	46.3717358	117	0	8.24688	-117.0022908	242.9977092	427.599	-18.246	445.845	445.860	NGS CORS	TRM15000.00 NONE	NetR9
70	MKAH	Neah Bay WA	4/11/2015	48	22	14.41387	48.37067052	124	35	21.14154	-124.589206	235.410794	23.94	-20.73	44.64	44.64	WSRN	TRM15000.00 NONE	NetG3A
517	MLKE	Moses Lake WA	8/14/2014	47	7	51.31875	47.13092188	119	26	59.661	-119.2740546	240.7259454	314.752	-20.73	335.482	331.680	WSRN	TPSCR_G3 NONE	NetG3A
76	MONT	Montessano WA	3/26/2012	46	58	58.26291	46.9828081	123	36	12.74222	-123.6035395	236.3964605	8.339	-22.509	30.848	30.848	WSRN	TPSCR_G3 TP5H	NetG3A
16	NINT	North Bend WA	7/30/2012	47	29	42													

15	PFLD	Paine Field WA	10/22/2013	47	53	54.60953	47.89850265	122	16	55.79453	-122.2821651	237.7178349	160.613	-23.313	183.926	183.933	Bluebooked	TRM57971.00	SCIT	NetR9
112	PKWD	Packwood WA	6/6/2012	46	35	59.25614	46.59979337	121	40	37.06936	-121.6769637	238.3230363	307.144	-19.851	326.995	326.995	WSRN	TPSCR.G3	TPSH	NetG3A
310	PLMN	Pullman WA	6/27/2012	46	44	2.13454	46.73392626	117	11	35.1147	-117.1930874	242.8069126	743.434	-18.727	762.161	762.150	Bluebooked	TPSCR.G3	TPSH	NetG3A
419	POME	Poemroy WA	6/11/2014	46	28	47.78598	46.47994055	117	37	54.08907	-117.6316914	242.3683086	551.491	-19.22	570.711	570.712	WSRN	LEIAR10	NONE	LEICA GR10
404	PRSR	Prosser WA	6/27/2012	46	12	56.4205	46.21567236	119	47	26.95319	-119.7908203	240.2091797	198.058	-21.290	219.948	219.360	Bluebooked	TPSCR.G3	NONE	NetG3A
239	PTAA	Port Angeles WA	2/28/2012	48	7	0.57175	48.11682549	123	29	39.63493	-123.494343	236.505657	67.140	-20.148	87.288	87.290	NGS CORS	TRM57971.00	SCIT	NetG3A
413	PTSN	Paterson WA	6/1/2014	45	56	20.95558	45.93915433	119	36	35.0579	-119.6097383	240.3902617	119.017	-21.753	140.77	140.77	WSRN	LEIAR10	NONE	LEICA GR10
42	QMAR	Stevens Pass WA	10/22/2013	47	46	30.34524	47.7750959	120	57	55.97211	-120.9655478	239.0344522	812.47	-18.254	830.724	830.715	Bluebooked	TRM115000.00	TZGD	NetR3
470	RDP	Liberty, WA	5/25/2018	47	16	21.6436	47.2726879	120	45	27.60891	-120.7576691	239.2423309	1519.307	-18.758	1538.065		WSRN	TRM57971.00	NONE	SEPT POLARX5
421	RICH	Richland WA	6/27/2012	46	16	38.53995	46.27737221	119	16	39.52055	-119.2776446	240.7223554	99.950	-21.697	121.647	121.620	WSRN	TRM115000.00	NONE	NetR5
351	RKD1	Oroville WA	2/28/2012	48	57	51.64837	48.96434677	119	24	46.83915	-119.4130109	240.5869891	313.547	-17.912	331.459	331.456	NGS CORS	TPSCR.G3	TPSH	NetG3A
416	RMRK	Rimrock WA	6/11/2014	46	44	58.08306	46.74946752	120	47	32.25959	-120.7922943	239.2077057	477.754	-20.23	497.984	497.984	WSRN	LEIAR10	NONE	LEICA GR10
313	RPUB	Republic WA	4/9/2012	48	38	57.64633	48.6493462	118	44	2.76159	-118.7341004	241.2658996	798.036	-17.365	815.401	815.401	WSRN	TPSCR.G3	TPSH	NetG3A
314	RYA1	Hope, ID	5/19/2014	48	13	3.04862	48.21751351	116	15	43.18023	-116.2619945	243.7380055	648.918	-16.842	665.76		WSRN	TPSCR.G3	TPSH	NetG3A
118	RYMD	Raymond WA	7/30/2012	46	41	2.85323	46.6841259	123	43	49.42129	-123.7303948	236.2696052	-10.13	-22.53	12.4	12.4	WSRN	TPSCR.G3	TPSH	NetG3A
44	SAMM	Issaquah WA	10/22/2013	47	32	23.49238	47.53985899	122	1	59.3595	-122.0331554	237.9668446	7.474	-22.907	30.381	30.387	Bluebooked	TRM57971.00	NONE	NetR9
38	SC02	Friday Harbor WA	4/9/2012	48	32	46.28562	48.54619045	123	0	27.33476	-123.007593	236.992407	-14.729	-21.238	6.509	6.510	WSRN	TRM59800.00	SCIT	NetRS
766	SC03	Mount Olympus WA	4/11/2015	47	48	59.69843	47.8165829	123	42	20.594	-123.7057206	236.2942794	2018.793	-20.246	2039.039		WSRN	ASH701945B_M	SCIT	NetRS
71	SEQM	Sequim WA	4/11/2015	48	5	29.08307	48.09141196	123	6	48.69091	-123.1135253	236.8864747	35.003	-20.962	55.965		WSRN	TPSCR.G3	TPSH	NetG3A
245	SKGT	Mount Vernon WA	6/6/2018	48	26	0.35533	48.43343204	122	20	32.82422	-122.3424512	237.6575488	-6.417	-21.939	15.522		WSRN	TRM115000.00	NONE	NetR9
2	SMAI	West Seattle WA	2/28/2012	47	31	24.84357	47.52356766	122	20	42.14756	-122.345041	237.654959	113.779	-23.257	137.036	137.059	NGS CORS	TRM57971.00	NONE	NetR9
22	SNOQ	Hyak WA	6/11/2014	47	23	28.69914	47.39130532	121	23	17.75138	-121.3882643	238.6117357	770.442	-19.793	790.235	790.235	WSRN	LEIAR10	NONE	LEICA GR10
32	SPKN	Spokane WA	6/27/2012	47	37	39.5724	47.627659	117	30	9.22493	-117.5025625	242.4974375	695.026	-18.374	713.4	713.367	Bluebooked	TRM57971.00	SCIT	NetR9
301	SPRG	Sprague WA	6/27/2012	47	18	35.46381	47.30985106	117	58	31.13705	-117.9753158	242.0246842	600.951	-19.162	620.113	620.110	Bluebooked	TRM57971.00	SCIT	NetR9
6	SSHO	North Seattle WA	2/28/2012	47	40	56.26376	47.68229549	122	18	54.53177	-122.3151477	237.6848523	74.443	-23.713	98.156	98.169	NGS CORS	TRM115000.00	NONE	NetR9
48	TACO	Tacoma WA	8/8/2012	47	13	43.9074	47.22886317	122	28	17.36485	-122.4714902	237.5285098	81.465	-22.578	104.043	104.052	WSRN	TRM57971.00	NONE	NetR9
150	TDL5	The Dalles OR	11/2/2012	45	36	27.74414	45.60770671	121	7	46.16432	-121.1294901	238.8705099	26.935	-21.482	48.417	48.417	WSRN	LEIAT504GG	LEIS	POLARX5
47	THUN	Thun Field WA	7/5/2017	47	6	21.01164	47.10583657	122	17	18.41484	-122.2884486	237.7115514	142.862	-22.195	165.057		WSRN	LEIAT504GG	SCIT	GRX1200GGPRO
466	TRAI	Trail, BC	10/10/2016	49	5	53.18314	49.09810643	117	42	35.77875	-117.7099385	242.2900615	416.497	-16.677	433.174		WSRN	TRM55971.00	NONE	NetR9
41	TUMW	Turnwater WA	7/12/2012	46	59	3.46825	46.98429674	122	54	43.71829	-122.912144	237.087856	46.38	-21.293	67.673	67.673	WSRN	TRM57971.00	TZGD	NetR5
510	TWSP	Twisp WA	3/4/2017	48	21	55.94318	48.36553977	120	7	17.95101	-120.1216531	239.8783469	478.079	-17.936	496.015	496	Bluebooked	TRM115000.00	NONE	NetG3A
3	UFDA	Poulsbo WA	10/22/2013	47	45	18.01864	47.75500518	122	40	2.63583	-122.6673988	237.3326012	76.914	-22.48	99.394	99.403	Bluebooked	TPSCR.G3	TPSH	NetG3A
123	VCWA	Vancouver WA	7/25/2012	45	37	3.44337	45.61762316	122	30	57.79896	-122.5160553	237.4839447	77.397	-22.655	100.052	100.052	WSRN	TPSCR.G3	TPSH	NetG3A
45	VERN	Mount Vernon WA	10/22/2013	48	25	4.25767	48.41784935	122	20	13.86767	-122.3371855	237.6628145	5.639	-21.972	27.611	27.614	Bluebooked	LEIAX1202GG	NONE	GRX1200GGPRO
415	VRNT	Vernita WA	6/11/2014	46	38	12.67324	46.63685368	119	43	55.25553	-119.7320154	240.2679846	116.288	-21.332	137.62	137.590	Bluebooked	LEIAR10	NONE	LEICA GR10
401	WALA	Walla Walla WA	6/11/2014	46	5	29.41968	46.09150547	118	15	29.25418	-118.2581262	241.7418738	369.238	-20.373	389.611	389.600	Bluebooked	LEIAR10	NONE	LEICA GR10
155	WEBG	Battelground WA	2/20/2014	45	46	46.46143	45.77957262	122	33	46.11592	-122.56281	237.43719	67.657	-22.41	90.067		WSRN	TRM57971.00	NONE	NetR5
226	XANE	Wenatchee WA	3/21/2012	47	26	41.60174	47.44488937	120	21	58.32655	-120.3662018	239.6337982	414.016	-19.496	433.512	433.491	WSRN	TPSCR.G3	TPSH	NetG3A
400	YAKI	Yakima WA	6/27/2012	46	36	17.85534	46.60495982	120	30	18.17246	-120.5050479	239.4949521	324.172	-21.217	345.389	345.390	Bluebooked	TRM57971.00	NONE	NetR5