

WAAS Satellite Corrections

The chart below is showing WAAS Satellite corrections for all satellites. The data in this table is based on data generated by WAAS and available from the WAAS signal in space. The data is updated every 3 minutes and the page refreshes every 2 minutes (See #1 below). The update rate for this table is different than the update rate the WAAS uses for these parameters. This table is not meant to provide second by second information on the WAAS signal in space. Instead, it is used to provide a quick look of the status of GPS satellites as observed by WAAS. For a definition of all acronyms used, please see #2 below.

PRN	TOVF	UDREI	UDRE	PRCF	CLKL	NM	DNU	TOVL	XLC	YLC	ZLC	EPHML	WAASCORR	IODE	TOA	VC	Lat	Long
1	414327	14	175.00	-00.00	13.22	1	0	386912	-0.38	0.38	-1.62	0.00	0.00	79	41168	1	20.463198	123.136911
2	414327	14	175.00	-00.00	-4.22	1	0	410982	1.25	-1.12	0.38	0.00	0.00	100	65248	1	-53.046671	2.591067
3	414327	5	3.00	-0.23	1.60	0	0	414239	-0.62	2.25	0.50	0.52	0.85	107	68592	1	34.695418	-171.179751
4	414327	14	175.00	-00.00	0.14	1	0	403882	0.62	-0.50	0.75	0.00	0.00	35	58112	1	-45.491861	59.328984
5	414327	14	175.00	-00.00	0.98	1	0	414288	0.50	0.38	-0.88	0.00	0.00	91	68624	1	-11.123441	-4.235404
6	414327	5	3.00	0.10	-0.56	0	0	414304	-0.75	2.75	1.75	0.17	-0.62	96	68640	1	22.709095	-153.634239
7	414327	14	175.00	-00.00	-0.84	1	0	412618	-0.75	-1.12	-0.25	0.00	0.00	21	66864	1	11.212325	101.396560
8	414327	9	6.00	-0.35	-4.39	0	0	414262	-2.88	0.50	-3.12	-1.67	-3.08	69	68672	1	36.836182	85.773373
9	414327	14	175.00	-00.00	-2.79	1	0	414263	-0.25	-0.38	-1.75	0.00	0.00	30	68688	1	34.739938	80.420575
10	414327	14	175.00	-00.00	-1.54	1	0	405222	0.88	0.38	0.00	0.00	0.00	61	59488	1	-45.112463	35.483445
11	414327	8	5.25	0.98	-1.40	0	0	414298	-2.88	-2.75	0.12	-0.09	-0.34	26	68720	1	38.903140	130.747671
12	414327	14	175.00	-00.00	-2.09	1	0	406283	2.12	2.12	1.25	0.00	0.00	99	60544	1	-25.283134	-28.242032
13	414327	14	175.00	-00.00	-4.88	1	0	403770	-0.50	2.62	-2.62	0.00	0.00	26	58000	1	-40.353509	88.579722
14	414331	5	3.00	-0.35	2.37	0	0	414256	-0.75	-2.50	0.62	2.50	-0.48	14	68512	1	7.093233	-123.070912
15	414331	5	3.00	-0.15	0.59	0	0	414299	-0.75	-1.88	0.12	0.06	0.38	55	68528	1	51.276849	-19.978307
16	414331	14	175.00	-00.00	1.68	1	0	414330	-2.00	1.38	-0.12	0.00	0.00	53	68560	1	-10.310197	177.900118
17	414331	14	175.00	-00.00	16.50	1	0	398442	-0.12	0.12	1.62	0.00	0.00	8	52704	1	6.229796	54.551375
18	414331	5	3.00	-0.02	1.26	0	0	414239	-1.50	-1.00	1.88	1.97	-0.73	42	68592	1	51.425840	-82.871921
19	414331	6	3.75	-0.40	-0.70	0	0	414288	-0.75	1.50	-1.25	-0.28	-0.81	64	68608	1	52.468694	168.997879
20	414331	14	175.00	-00.00	1.40	1	0	391832	0.50	1.12	2.62	0.00	0.00	56	46096	1	-28.302649	140.640783
21	414331	5	3.00	-0.15	1.26	0	0	414304	1.12	-1.12	0.50	1.32	-0.21	22	68640	1	15.689303	-84.456997
22	414331	15	200.00	255.88	5.39	0	1	409272	-0.12	-1.00	0.38	0.00	0.00	67	63536	1	49.623872	-129.806110
23	414331	14	175.00	-00.00	-1.26	1	0	400326	0.12	0.00	-2.25	0.00	0.00	35	54592	1	-53.994905	125.764887
24	414331	5	3.00	0.12	1.26	0	0	414263	1.38	0.00	0.00	0.76	0.62	39	68688	1	30.074509	-48.756352
25	414331	14	175.00	-00.00	-2.64	1	0	414294	2.75	1.25	2.62	0.00	0.00	93	68704	1	-46.971560	-58.898092
26	414331	7	4.50	-0.27	-0.56	0	0	414298	0.00	1.00	-2.25	-0.99	0.16	0	68720	1	36.020232	23.992944
27	414326	5	3.00	-0.25	1.68	0	0	414328	-1.50	0.62	0.38	1.17	0.25	45	68736	1	31.535996	-157.569549
28	414326	8	5.25	0.38	1.12	0	0	414328	1.25	-0.75	1.88	1.50	-0.00	108	68752	1	54.871498	61.570557
29	414326	14	175.00	-00.00	0.28	1	0	414256	2.50	0.00	-0.12	0.00	0.00	88	68512	1	-45.472908	-84.991122
30	414326	14	175.00	-00.00	0.00	1	0	0	0.00	0.00	0.00	0.00	0.00	-999	0	0	-42.428426	-153.615643
31	414326	14	175.00	-00.00	-3.58	1	0	408665	-2.62	0.00	0.38	0.00	0.00	1	62928	1	-51.499159	-127.998103
32	414326	14	175.00	-00.00	-1.95	1	0	388970	-0.62	0.62	0.38	0.00	0.00	37	43232	1	-7.878383	167.040675
133	414326	12	50.00	-2.12	0.00	0	0	414280	0.00	0.00	0.00	-0.00	-2.12	20	0	0	-2.118438	-97.592840
135	414326	10	7.50	1.12	0.00	0	0	414280	0.00	0.00	0.00	-0.00	1.12	114	0	0	-0.006809	-133.015006
138	414326	10	7.50	0.75	0.00	0	0	414287	0.00	0.00	0.00	-0.00	0.75	189	0	0	-0.041995	-107.325501

1 → (Data is updated every 3 minutes - Page automatically refreshes every 2 minutes)

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PRN Satellite PRN number
TOWF Time of Validity for WAAS Fast correction (GPS Time of Week in seconds)
UDREI User Differential Range Error Index (0-15)
UDRE User Differential Range Error (meters)
PRCF Fast Pseudorange Correction + Range-Rate Correction(meters)
CLKL Satellite Clock offset Long correction (meters)
NM WAAS Not Monitored satellite status (0=Monitored, 1=Not Monitored)
DNV WAAS Do Not Use satellite status (0 = Usable, 1 = Not Usable)
TOML Time of Validity for WAAS Long correction (GPS Time of Week in seconds)
XLC X-axis Satellite Long term Ephemeris correction in WGS-84 ECEF (meters)
YLC Y-axis Satellite Long term Ephemeris correction in WGS-84 ECEF (meters)
ELC Z-axis Satellite Long term Ephemeris correction in WGS-84 ECEF (meters)
EPHML WAAS SV Ephemeris position correction along the SV to normal user line of sight vector(meters)
WAASCORR WAAS SV Range correction along the SV to normal user line of sight vector(meters)
IDDE WAAS Issue of Data Ephemeris for Satellite Long term Ephemeris correction
TOA Time of Applicability for Satellite Long term correction (seconds of day)
VC Velocity Code status of Satellite Long term correction Rates (1=Available)
LAT Latitude of satellite over Earth's surface
LONG Longitude of satellite over Earth's surface