

Simplified listing of U.S. Geological Survey streamflow-gaging stations and watershed properties.

[CDA, watershed area (contributing drainage area) in square miles (mi²); MAP, mean annual precipitation in inches (in.) per year; MAPstd, standard deviation of annual precipitation values in inches; --, dimensionless; and latitude and longitude values are in North American Datum of 1983]

Station number	Decimal latitude	Decimal longitude	CDA (mi ²)	MAP (in.)	MAPstd (in.)	Drainage density (mi/mi ²)	Main-channel slope (—)	Proximal channel slope (—)	Sinuosity ratio (—)
07227500	35.4703	-101.8796	15,376	19.29	0.9631	2.7681	0.0010	0.0013	1.59
07227920	35.6648	-101.3510	134	21.82	1.0131	2.5267	0.0034	0.0030	1.48
07228000	35.9350	-100.3707	18,178	22.22	1.0943	3.2831	0.0015	0.0007	1.33
07233500	36.2023	-101.3060	556	19.96	0.9213	10.3481	0.0016	0.0023	1.90
07235000	36.2386	-100.2757	475	22.61	1.0255	6.4374	0.0018	0.0014	1.74
07295500	34.8487	-102.1760	538	18.77	0.9351	10.9436	0.0018	0.0003	1.50
07297910	34.8376	-101.4141	930	20.54	0.9715	6.5339	0.0034	0.0030	1.86
07298500	34.6278	-100.9407	1,581	21.86	0.9900	4.4901	0.0027	0.0020	1.65
07299540	34.5692	-100.1940	2,958	24.22	1.0500	3.1382	0.0015	0.0029	1.30
07299570	34.4131	-99.7345	3,552	27.01	1.0828	1.8668	0.0012	0.0018	1.20
07299670	34.3545	-99.7404	303	26.77	1.0576	4.1199	0.0015	0.0010	1.74
07299890	34.9356	-100.6965	74	23.19	1.0331	4.3935	0.0036	0.0045	1.42
07300000	34.9576	-100.2209	1,013	24.63	1.1004	3.0256	0.0021	0.0013	1.30
07301200	35.3292	-100.6093	460	23.3	1.0099	6.3569	0.0019	0.0030	1.88
07301300	35.2642	-100.2418	817	24.08	1.0538	2.6071	0.0021	0.0021	1.40
07301410	35.4731	-100.1210	281	23.71	1.0194	3.7176	0.0028	0.0026	1.82
07307750	34.2087	-100.3012	1,021	24	1.0177	3.4601	0.0030	0.0030	1.43
07307800	34.2276	-100.0737	2,195	25.41	1.0356	2.0117	0.0013	0.0019	1.49
07308200	34.1796	-99.3233	2,929	27.92	1.0249	3.1865	0.0008	0.0011	1.66
07308500	34.1101	-98.5317	14,634	30.8	1.0064	3.5406	0.0006	0.0013	1.60
07311600	33.9506	-100.0648	540	25.94	0.9971	3.2992	0.0028	0.0038	1.66
07311630	33.7959	-100.0751	50	25.2	1.0129	2.2692	0.0022	0.0012	2.29
07311700	33.8206	-99.7865	937	26.01	1.0276	2.9290	0.0021	0.0000	1.92
07311783	33.6220	-100.2090	223	24.11	1.0075	2.6071	0.0026	0.0200	1.95
07311790	33.6551	-100.0140	499	25.3	1.0645	2.5267	0.0022	0.0025	2.17
07311800	33.6443	-99.8009	584	25.65	1.0123	2.4945	0.0018	0.0027	2.20
07311900	33.7004	-99.3887	1,874	27.16	0.9869	3.7176	0.0005	0.0017	1.64
07312100	33.7601	-99.1428	2,086	26.05	0.9335	3.0739	0.0008	0.0200	1.43
07312130	33.8693	-98.8392	2,246	28.12	0.9088	2.7037	0.0006	0.0004	1.61
07312200	33.9059	-98.9051	652	28.38	0.9115	2.6393	0.0010	0.0000	2.37
07312500	33.9095	-98.5337	1,054	29.81	0.9697	2.4945	0.0005	0.0004	1.81
07312700	34.0532	-98.2967	3,439	31.65	1.0083	2.4945	0.0004	0.0002	1.96
07314500	33.6626	-98.6131	481	30.08	0.9278	2.2209	0.0012	0.0040	2.23
07314900	33.8268	-98.2400	1,037	31.62	0.9636	2.3818	0.0009	0.0002	2.12
07315200	33.8129	-98.0850	178	32.22	0.9908	2.7359	0.0014	0.0005	1.75
07336820	33.6840	-94.6944	39,340	52.72	0.8466	2.1565	0.0001	0.0003	1.45
07342465	33.2118	-95.9141	150	44.41	0.9366	3.3957	0.0012	0.0000	1.67
07342470	33.2198	-95.8627	189	44.84	0.9286	3.3313	0.0012	0.0035	1.64
07342480	33.2665	-95.9155	44	44.54	0.9532	4.2004	0.0018	0.0002	1.85
07342500	33.3565	-95.5950	527	46.35	0.9268	3.3474	0.0010	0.0006	1.69
07343000	33.4748	-95.5877	276	46.91	0.9317	2.6232	0.0017	0.0000	1.09
07343200	33.3907	-95.0624	1,405	48.54	0.8759	2.8968	0.0004	0.0004	1.58
07343500	33.3223	-95.0927	494	47.96	0.8735	3.2187	0.0007	0.0001	2.06
07344482	33.0235	-95.2702	27	46.28	0.8019	2.7198	0.0029	0.0017	1.71
07344486	32.9757	-95.1844	23	46.33	0.7740	2.1726	0.0029	0.0006	1.46
07344500	33.0210	-94.8822	370	47.18	0.7553	3.5245	0.0011	0.0001	1.61
07346000	32.7496	-94.4988	850	49.49	0.7163	3.7015	0.0006	0.0002	1.60
07346045	32.7779	-94.3574	365	50.09	0.7075	3.7337	0.0007	0.0000	2.03
07346050	32.6726	-94.7510	383	48.45	0.7127	2.3657	0.0010	0.0010	1.79
07346070	32.7129	-94.3460	675	50.32	0.7141	2.8325	0.0007	0.0002	1.86
07346140	33.0540	-94.2902	48	52.87	0.7367	4.4418	0.0020	0.0011	1.42
08017200	33.1329	-96.0769	81	43.66	0.9308	3.2026	0.0016	0.0031	1.43
08017300	32.8979	-96.2533	79	41.67	0.9576	3.5888	0.0009	0.0016	1.28
08017410	32.8062	-95.9194	756	43.48	0.8781	3.1382	0.0009	0.0071	1.47
08018500	32.6137	-95.4858	1,357	43.33	0.8186	2.5750	0.0007	0.0001	1.67
08018730	32.9907	-95.6219	33	45.15	0.8550	2.8968	0.0026	0.0000	1.37
08019000	32.7632	-95.4630	585	44.04	0.8062	2.3014	0.0009	0.0004	1.58
08019200	32.5599	-95.2066	2,259	44.46	0.7103	2.1404	0.0002	0.0019	1.94
08019500	32.6040	-95.0916	231	45.69	0.7078	2.0600	0.0009	0.0019	1.57
08020000	32.5271	-94.9602	2,791	47.18	0.7204	2.3175	0.0002	0.0001	1.99
08020900	32.4168	-94.7099	3,155	49.34	0.7270	2.6715	0.0001	0.0008	2.08
08022040	32.3274	-94.3535	3,589	51.26	0.7191	2.9129	0.0004	0.0000	7.77

08022070	32.2957	-94.4916	148	50.07	0.7358	4.3935	0.0019	0.0029	1.57
08022300	32.0485	-94.3755	134	51.46	0.7586	2.9129	0.0015	0.0009	1.72
08026000	31.0641	-93.5196	7,482	56.7	0.7007	2.4301	0.0012	0.0000	1.60
08028500	30.7471	-93.6085	8,229	57.29	0.7172	2.3818	0.0004	0.0001	1.82
08029500	30.8189	-93.7856	128	57.54	0.7038	2.5428	0.0022	0.0000	1.49
08030500	30.3038	-93.7438	9,329	61.84	0.9300	2.6554	0.0003	0.0001	1.84
08031000	30.1863	-93.9085	83	59.81	0.8502	2.9290	0.0004	0.0004	1.45
08031200	32.3096	-95.6055	232	42.63	0.8342	3.0095	0.0008	0.0007	2.09
08032000	31.8924	-95.4308	1,145	45.69	0.6810	3.2992	0.0006	0.0005	1.70
08033000	31.1330	-94.8099	2,724	51.27	0.7820	2.4784	0.0002	0.0006	1.98
08033300	31.1405	-95.0866	79	48.66	0.7025	2.7359	0.0012	0.0005	1.45
08033500	31.0250	-94.3994	3,636	52.29	0.6417	2.4301	0.0003	0.0001	2.25
08033900	31.8602	-94.8233	158	47.8	0.7054	2.6232	0.0006	0.0002	2.75
08034500	31.9766	-95.1608	376	46.44	0.6975	3.5084	0.0006	0.0000	1.60
08036500	31.6718	-94.9527	1,276	46.88	0.6899	2.8164	0.0003	0.0004	2.26
08037050	31.6163	-94.6413	31	48.62	0.6854	2.4301	0.0029	0.0046	1.47
08038000	31.5043	-94.3044	503	53.3	0.7200	2.6393	0.0009	0.0006	2.43
08039100	31.3963	-94.1510	89	52.77	0.6819	3.1704	0.0017	0.0006	1.86
08040600	30.7910	-94.1510	7,574	55.53	0.8086	2.3657	0.0002	0.0001	2.16
08041000	30.3558	-94.0932	7,951	57.44	0.6554	2.2692	0.0001	0.0002	2.06
08041500	30.3980	-94.2635	860	58.62	0.7637	2.6715	0.0007	0.0001	2.01
08041700	30.1060	-94.3346	336	57.79	0.9900	2.8807	0.0003	0.0009	1.96
08042800	33.2918	-98.0806	683	32.13	1.0441	3.9107	0.0008	0.0002	2.09
08043950	33.2743	-97.6786	312	36	1.1113	2.2370	0.0015	0.0005	1.79
08044000	33.2318	-97.6948	333	35.24	1.1189	2.1565	0.0015	0.0027	1.86
08044500	33.0854	-97.5586	1,725	35.71	1.0736	2.6393	0.0007	0.0005	2.06
08044800	32.9457	-97.5831	76	35.06	0.9714	4.0234	0.0059	0.0029	1.51
08045850	32.7404	-97.6520	121	34.5	0.9262	3.3796	0.0026	0.0035	1.37
08047000	32.6651	-97.4420	431	34.58	0.8901	3.3474	0.0021	0.0025	1.60
08047050	32.6951	-97.4472	54	34.63	0.8935	3.1704	0.0054	0.0003	1.28
08047500	32.7324	-97.3589	518	35.29	0.9251	3.4279	0.0021	0.0027	1.76
08048000	32.7610	-97.3325	2,615	35.4	0.9368	3.4923	0.0011	0.0013	1.81
08048543	32.7518	-97.2895	2,685	35.83	0.9428	3.5567	0.0010	0.0000	2.02
08048970	32.6035	-97.2650	85	36.36	0.9353	3.9429	0.0034	0.0037	1.47
08049500	32.7625	-96.9944	3,065	36.62	0.9979	3.6049	0.0007	0.0003	2.07
08049580	32.4910	-97.1231	26	36.71	0.9042	3.4440	0.0034	0.0036	1.68
08049700	32.5810	-97.1020	63	37.33	0.9354	3.0739	0.0025	0.0010	1.69
08050100	32.7499	-96.9261	298	36.81	1.0035	2.8646	0.0018	0.0034	1.39
08050400	33.6243	-97.1564	174	38.45	1.0622	3.1382	0.0023	0.0033	1.70
08050800	33.5546	-96.9472	39	39.79	1.0568	3.0095	0.0021	0.0000	1.61
08050840	33.5262	-96.8072	29	40.63	1.0482	2.9773	0.0026	0.0033	1.32
08051130	33.3504	-97.0472	692	40.72	0.9504	2.7520	0.0017	0.0079	1.78
08051500	33.3362	-97.1795	295	37.82	0.9674	2.2692	0.0024	0.0016	1.55
08052700	33.2834	-96.8928	76	40.31	1.0526	3.6854	0.0019	0.0002	1.47
08053000	33.0457	-96.9611	1,673	38.02	1.0073	2.6071	0.0015	0.0001	1.72
08053500	33.1190	-97.2906	400	37.37	1.0162	2.1404	0.0016	0.0004	1.42
08055000	32.9871	-97.0128	705	37.25	0.9777	2.1565	0.0013	0.0008	1.54
08055500	32.9660	-96.9445	2,459	38.02	0.9960	2.6232	0.0014	0.0022	1.74
08056500	32.8074	-96.8025	8	38.2	1.0108	3.2509	0.0071	0.0068	1.17
08057000	32.7749	-96.8219	6,106	37.98	1.0006	2.7681	0.0003	0.0000	1.08
08057200	32.8893	-96.7567	66	39.01	0.9986	4.9568	0.0023	0.0000	1.30
08057445	32.7049	-96.6700	9	39.37	0.9341	2.1404	0.0032	0.0014	1.36
08058900	33.2440	-96.6089	164	40.9	1.0225	3.6532	0.0018	0.0007	1.58
08059400	33.2946	-96.4830	83	41.6	1.0632	4.4740	0.0021	0.0014	1.55
08061000	33.0237	-96.4755	773	40.73	0.9986	3.8463	0.0013	0.0035	1.61
08061540	32.9598	-96.6144	120	40.26	0.9848	3.6049	0.0022	0.0016	1.52
08061700	32.8329	-96.5955	32	40.77	0.9678	3.0256	0.0026	0.0034	1.20
08062000	32.6387	-96.4853	1,256	39.59	0.9003	3.8302	0.0010	0.0030	1.54
08062500	32.4265	-96.4630	8,147	38.89	0.8321	3.2831	0.0004	0.0003	1.48
08062700	32.1477	-96.1025	8,538	41.45	0.9073	3.3313	0.0003	0.0023	1.69
08062800	32.5035	-96.1128	189	41.54	0.8793	3.2026	0.0011	0.0000	1.90
08062900	32.5135	-96.3291	233	39.48	0.8507	3.2026	0.0014	0.0001	1.53
08063100	31.9385	-96.6814	333	38.58	0.9092	3.0095	0.0021	0.0001	1.44
08063500	31.9507	-96.4214	734	39.85	0.8251	2.8968	0.0015	0.0001	1.60
08063800	32.2435	-96.6403	178	38.16	0.8207	2.9612	0.0018	0.0002	1.47
08064100	32.1985	-96.5203	807	39.04	0.8154	2.9612	0.0012	0.0001	1.58
08064500	32.1082	-96.3708	963	40.09	0.8168	2.9451	0.0011	0.0002	1.53
08064700	31.8485	-96.2900	142	40.94	0.8222	3.0095	0.0018	0.0004	1.61
08064800	31.8810	-95.8689	207	43.09	0.7618	3.1382	0.0015	0.0002	1.62
08065000	31.6485	-95.7894	12,833	43.43	0.7418	2.6876	0.0001	0.0000	2.10
08065200	31.5699	-95.8883	150	42.58	0.7296	2.4784	0.0014	0.0001	1.77

08065350	31.3385	-95.6563	13,911	45.03	0.6740	2.5267	0.0008	0.0033	1.10
08065800	30.8847	-95.7778	321	45.5	0.7466	2.1243	0.0011	0.0001	1.78
08066100	31.0519	-95.3780	222	46.28	0.6440	2.2370	0.0014	0.0000	1.83
08066170	30.9071	-95.0885	57	50.82	0.7265	2.1082	0.0020	0.0026	1.23
08066200	30.7163	-94.9588	141	51.99	0.7464	2.1404	0.0019	0.0003	1.45
08066250	30.5721	-94.9488	16,844	52.69	0.7227	2.1887	0.0001	0.0003	2.00
08066300	30.4814	-94.7797	152	53.31	0.6513	3.2348	0.0013	0.0001	2.13
08066500	30.4252	-94.8508	17,186	53.06	0.6686	0.7081	0.0004	0.0002	1.19
08067500	29.9727	-94.9858	65	54.78	0.8804	2.2531	0.0006	0.0012	1.67
08067650	30.3422	-95.5430	451	48.87	0.8357	2.1404	0.0009	0.0014	1.88
08068000	30.2447	-95.4572	828	49.4	0.8162	2.2692	0.0008	0.0010	1.77
08068090	30.0861	-95.2999	962	51.39	0.8245	2.3336	0.0008	0.0017	1.64
08068275	30.1199	-95.6461	186	48.63	0.7769	3.2187	0.0012	0.0021	1.58
08068390	30.1906	-95.4911	15	49.27	0.7898	3.4440	0.0017	0.0015	1.42
08068400	30.1922	-95.4838	26	49.33	0.7913	3.4601	0.0021	0.0003	1.18
08068450	30.1344	-95.4777	35	49.37	0.7805	3.3796	0.0015	0.0002	1.39
08068500	30.1105	-95.4363	409	49.83	0.7843	3.6049	0.0009	0.0040	1.71
08068720	29.9502	-95.8083	110	46.69	0.8338	1.9151	0.0008	0.0013	1.90
08068740	29.9591	-95.7177	131	47.7	0.8833	1.9312	0.0007	0.0009	1.79
08068780	30.0161	-95.6974	41	47.88	0.8658	6.0190	0.0009	0.0009	1.51
08068800	29.9736	-95.5986	214	48.58	0.8327	2.3979	0.0007	0.0004	1.76
08069000	30.0358	-95.4288	285	49.75	0.7796	2.6393	0.0006	0.0020	1.77
08069500	30.0272	-95.2580	1,741	51.81	0.8453	2.3657	0.0007	0.0000	1.61
08070200	30.1455	-95.1244	388	52.92	0.8650	2.2048	0.0008	0.0009	1.73
08070500	30.2597	-95.3024	105	51.14	0.8035	2.2048	0.0013	0.0027	1.52
08071000	30.2327	-95.1683	117	52.82	0.8280	3.0899	0.0018	0.0007	1.41
08071280	30.1097	-95.0599	218	53.35	0.8426	4.3774	0.0005	0.0007	1.59
08072300	29.7433	-95.8069	63	46.24	0.7858	1.6093	0.0010	0.0001	1.47
08072730	29.8308	-95.6869	22	47.73	0.8057	0.6920	0.0009	0.0010	1.21
08072760	29.8672	-95.6466	25	48.26	0.8169	1.3519	0.0009	0.0002	1.24
08073500	29.7619	-95.6058	277	49.23	0.8292	1.7703	0.0007	0.0001	1.50
08073600	29.7622	-95.5577	290	49.99	0.8368	1.8025	0.0007	0.0007	1.46
08073700	29.7469	-95.5236	299	50.39	0.8492	1.7864	0.0007	0.0013	1.47
08074000	29.7602	-95.4086	336	50.47	0.8548	1.7542	0.0006	0.0005	1.58
08074020	29.8708	-95.4805	35	50.6	0.8062	1.3358	0.0009	0.0007	1.23
08075400	29.6188	-95.4461	20	50.67	0.8943	1.7542	0.0019	0.0006	1.19
08075500	29.6744	-95.2894	63	52.1	0.9641	2.2531	0.0007	0.0003	1.23
08075770	29.7933	-95.2680	16	51.51	0.9061	1.8829	0.0007	0.0007	1.38
08075900	29.9569	-95.4180	37	49.93	0.7783	1.9312	0.0010	0.0014	1.16
08076000	29.9183	-95.3069	69	51.07	0.8229	1.8990	0.0008	0.0000	1.20
08076180	29.9339	-95.2340	31	52.68	0.8817	1.6093	0.0010	0.0006	1.22
08076500	29.8619	-95.3349	29	51	0.8293	1.7864	0.0006	0.0014	1.27
08077000	29.5975	-95.2866	39	52.69	0.9802	1.0461	0.0006	0.0009	1.15
08078000	29.3715	-95.3230	88	52.9	1.1229	1.5128	0.0006	0.0004	1.65
08079575	33.2487	-101.3385	438	21.09	0.9425	15.3049	0.0023	0.0020	1.63
08079600	33.0384	-101.1976	244	20.51	0.8958	14.8060	0.0032	0.0046	1.54
08080500	33.0082	-100.1807	1,864	24.52	0.9328	12.6173	0.0014	0.0044	2.02
08080700	34.1790	-101.7027	382	19.99	0.9447	11.6034	0.0015	0.0000	1.41
08080950	33.3562	-100.7051	279	23.15	0.9862	4.6188	0.0040	0.0009	1.57
08082000	33.3340	-100.2382	2,496	24.38	0.9793	3.9107	0.0010	0.0008	2.39
08082500	33.5809	-99.2676	5,972	27.78	1.0209	4.2809	0.0006	0.0001	1.64
08082700	33.3293	-99.4651	104	26.47	0.9291	2.6876	0.0012	0.0002	2.10
08083100	32.7876	-100.3887	228	24.27	0.9237	6.5822	0.0024	0.0039	1.78
08083230	32.6746	-100.0726	1,176	25.23	0.9135	4.5384	0.0015	0.0011	2.09
08083240	32.5985	-99.8146	1,416	26.11	0.9336	4.6832	0.0013	0.0000	2.05
08083245	32.5679	-99.7926	205	25.96	0.9178	3.3796	0.0030	0.0024	1.88
08083420	32.4754	-99.7493	13	25.03	0.8626	2.6393	0.0024	0.0003	1.19
08083470	32.4490	-99.7206	119	24.63	0.8458	3.5084	0.0023	0.0021	1.70
08083480	32.4866	-99.7146	136	25.21	0.8682	3.6210	0.0021	0.0009	1.66
08084000	32.6901	-99.6695	2,199	26.38	0.9366	4.0395	0.0012	0.0000	2.13
08084800	32.9309	-99.6426	478	26.08	0.9033	4.5866	0.0014	0.0012	1.76
08085500	32.9330	-99.2154	3,988	28.19	0.9428	2.4945	0.0005	0.0004	2.37
08086050	32.5593	-99.1701	235	27.32	0.8385	2.6715	0.0034	0.0001	1.80
08086150	32.7076	-99.2751	39	27.5	0.8428	3.4923	0.0069	0.0031	1.65
08086212	32.7329	-99.1406	613	27.63	0.8569	2.8003	0.0031	0.0012	1.70
08086290	32.6485	-99.0045	280	27.65	0.8450	2.7198	0.0028	0.0005	1.91
08088000	33.0243	-98.6439	13,107	30.82	0.9812	2.0278	0.0012	0.0025	1.14
08088300	33.2121	-98.6187	24	30.77	0.9863	2.7681	0.0023	0.0022	2.02
08088450	32.8276	-98.7240	97	29	0.8702	2.2531	0.0029	0.0000	1.89
08088600	32.8721	-98.4259	14,030	31.9	0.9216	2.9934	0.0012	0.0005	3.97
08089000	32.8626	-98.3025	14,245	32.69	0.9333	2.8003	0.0004	0.0000	3.74

08090800	32.6157	-97.9259	15,671	32.62	0.9062	2.5750	0.0003	0.0000	3.29
08091000	32.2590	-97.7025	16,252	32.19	0.9039	2.6232	0.0013	0.0000	1.06
08091500	32.2315	-97.7773	410	33.22	0.9597	2.5106	0.0026	0.0000	1.97
08091750	32.2701	-97.7325	70	32.42	0.9228	3.8142	0.0045	0.0003	1.29
08092000	32.1507	-97.4028	282	35.27	0.8569	4.1682	0.0024	0.0007	1.34
08093100	31.8124	-97.2978	17,678	34.77	0.8284	3.3957	0.0004	0.0000	1.90
08093250	32.0057	-97.1500	84	36.56	0.8601	3.2348	0.0020	0.0001	1.40
08093360	31.8954	-97.2031	255	34.82	0.8707	3.8785	0.0015	0.0082	1.42
08093500	31.8446	-97.2014	308	34.6	0.8690	3.7981	0.0018	0.0009	1.42
08094800	31.9765	-98.0328	359	33.39	0.8785	2.5106	0.0023	0.0001	1.58
08095000	31.7860	-97.5681	968	34.34	0.8108	3.2026	0.0018	0.0030	1.69
08095200	31.6696	-97.4695	1,146	34.75	0.8673	3.3635	0.0017	0.0011	1.65
08095300	31.5093	-97.3658	182	34.59	0.7741	4.4257	0.0036	0.0026	1.28
08095400	31.5557	-97.3564	78	34.73	0.7866	3.0095	0.0033	0.0026	1.32
08095600	31.6013	-97.1936	1,656	34.82	0.7636	4.2004	0.0029	0.0059	1.47
08096500	31.5360	-97.0733	19,993	35.58	0.7776	3.5888	0.0004	0.0003	1.74
08097500	31.2885	-96.9697	20,645	36.93	0.8073	3.1704	0.0003	0.0010	2.52
08098290	31.1341	-96.8250	20,870	37.62	0.8109	2.7520	0.0003	0.0021	1.86
08098300	31.0266	-96.9883	23	36.83	0.7725	2.2531	0.0023	0.0020	1.37
08099100	32.1738	-98.5331	479	29.62	0.9037	3.0256	0.0010	0.0000	1.80
08099300	32.1140	-98.6056	264	29.22	0.9392	3.3153	0.0023	0.0000	1.87
08099500	31.9579	-98.4592	1,261	30.76	0.9576	3.0578	0.0009	0.0000	1.85
08100000	31.7888	-98.1214	1,891	31.46	0.8078	2.9773	0.0007	0.0014	2.10
08100500	31.4347	-97.7583	2,342	33.16	0.7585	3.0739	0.0006	0.0006	2.23
08101000	31.2849	-97.8850	455	33.16	0.7768	3.6371	0.0024	0.0032	1.76
08102500	31.0702	-97.4414	3,582	35.67	0.8686	2.5267	0.0010	0.0005	1.14
08103800	31.0793	-98.0167	818	32.5	0.8442	3.2670	0.0026	0.0012	1.40
08103900	30.9116	-98.0370	33	31.81	0.8350	2.2209	0.0067	0.0058	1.41
08104100	31.0018	-97.4925	1,321	35.63	0.8849	3.2670	0.0019	0.0000	1.74
08104500	30.9666	-97.3461	5,228	35.45	0.8649	1.4806	0.0006	0.0000	1.63
08104700	30.6619	-97.7114	248	35.85	0.9640	3.1704	0.0031	0.0032	1.41
08104900	30.6257	-97.6911	133	35.76	0.9706	3.0417	0.0037	0.0007	1.28
08105000	30.6541	-97.6553	405	35.71	0.9701	3.1221	0.0030	0.0038	1.41
08105095	30.7032	-97.6664	71	35.71	0.9508	3.3635	0.0030	0.0000	1.37
08105100	30.6913	-97.6561	83	35.7	0.9535	3.4923	0.0030	0.0000	1.38
08105300	30.6460	-97.5853	563	35.34	0.9576	3.0739	0.0028	0.0031	1.43
08105700	30.6944	-97.2789	738	35.07	0.9257	2.9934	0.0023	0.0000	1.49
08106310	30.7277	-97.0389	1,359	35.93	0.8629	2.8003	0.0020	0.0025	1.54
08106500	30.8352	-96.9467	7,065	35.4	0.8559	2.4140	0.0004	0.0001	2.48
08108200	30.9313	-97.0205	45	35.91	0.8297	2.9290	0.0019	0.0003	1.46
08108700	30.6269	-96.5441	29,483	39.69	0.8619	2.6715	0.0003	0.0000	1.60
08109000	30.6141	-96.4866	29,949	40.14	0.8780	2.8485	0.0003	0.0042	1.73
08109700	30.3394	-96.9047	236	38.32	0.9228	2.5428	0.0012	0.0001	1.75
08109800	30.4074	-96.8175	244	38.7	0.9068	2.7681	0.0012	0.0009	1.88
08110000	30.3219	-96.5075	1,009	39.63	0.8721	2.7037	0.0005	0.0010	1.53
08110100	30.4197	-96.5402	195	39.55	0.8680	2.8968	0.0013	0.0013	1.74
08110200	30.3613	-96.1552	31,626	42.13	0.7824	2.4623	0.0010	0.0100	2.17
08110325	31.5743	-96.5208	239	40.18	0.8476	2.6876	0.0010	0.0001	1.72
08110430	31.5068	-96.3247	97	40.75	0.8029	2.9290	0.0015	0.0008	1.32
08110500	31.1702	-96.2977	968	40.73	0.7628	2.7842	0.0007	0.0013	1.76
08110800	30.9738	-96.2416	1,287	41.74	0.7621	2.8485	0.0006	0.0000	1.77
08111000	30.8696	-96.1925	1,454	42.7	0.7793	2.8164	0.0006	0.0000	1.77
08111500	30.1291	-96.1877	34,314	43.54	0.9029	2.8325	0.0002	0.0014	1.96
08111700	29.8811	-96.2052	376	43.49	0.8518	2.8646	0.0015	0.0001	1.37
08114000	29.5825	-95.7577	35,541	48.19	0.7749	2.6554	0.0002	0.0000	2.37
08114500	29.4555	-95.5330	35,623	49.12	0.8508	2.5267	0.0002	0.0007	2.13
08115000	29.4719	-95.8030	43	47.78	0.8039	3.1221	0.0005	0.0008	1.48
08116400	29.5119	-95.7469	9	48.05	0.7837	1.5933	0.0008	0.0000	1.32
08116650	29.3497	-95.5824	35,773	49.74	0.8938	2.4301	0.0002	0.0015	2.22
08117500	29.3136	-95.8938	727	46.79	0.9244	2.7037	0.0008	0.0011	1.64
08117995	32.6287	-101.2854	498	20.74	0.9452	5.7776	0.0025	0.0000	1.75
08119500	32.5392	-101.0552	1,112	21.41	0.9423	4.0716	0.0020	0.0007	1.69
08120500	32.5737	-100.9079	188	22	0.9366	4.6349	0.0024	0.0001	1.72
08120700	32.4773	-100.9498	1,531	21.67	0.9445	4.1521	0.0017	0.0007	1.87
08121000	32.3926	-100.8787	1,585	21.65	0.9731	4.1682	0.0015	0.0003	1.96
08123800	32.1993	-101.0140	1,988	20.94	0.9106	3.2509	0.0012	0.0003	1.78
08123850	32.0537	-100.7621	4,650	21.7	0.8971	3.2187	0.0007	0.0012	1.59
08124000	31.8854	-100.4807	5,047	23.29	0.9551	3.2670	0.0007	0.0020	1.73
08126380	31.7154	-100.0265	6,098	24.17	0.8683	3.1221	0.0006	0.0006	1.86
08127000	31.7493	-99.9479	450	24.17	0.8651	3.1221	0.0018	0.0007	1.50
08128000	31.1871	-100.5020	354	22	0.8228	5.6810	0.0025	0.0014	1.25

08128400	31.4274	-100.7112	1,116	20.99	0.8008	8.5939	0.0017	0.0036	2.01
08129300	31.3302	-100.6404	405	21.44	0.8189	4.9407	0.0025	0.0045	1.38
08130500	31.2741	-100.6309	218	21.48	0.8189	5.4557	0.0029	0.0056	1.23
08131400	31.3091	-100.4459	81	21.71	0.8478	5.8097	0.0043	0.0002	1.27
08133250	31.8974	-101.1051	201	20.2	0.8660	4.8441	0.0018	0.0019	1.67
08133500	31.8301	-100.9937	568	20.01	0.8805	5.5683	0.0017	0.0000	1.65
08133900	31.6465	-100.6907	27	22.46	0.9327	4.4579	0.0082	0.0053	1.32
08134000	31.5927	-100.6370	1,191	21.99	0.8735	5.3913	0.0016	0.0009	1.54
08134230	31.5752	-100.5857	109	21.99	0.8486	2.6554	0.0041	0.0033	1.62
08134250	31.5427	-100.5551	1,325	22.01	0.8281	4.9246	0.0016	0.0033	1.53
08135000	31.4660	-100.4479	1,450	22.18	0.8110	4.9568	0.0016	0.0000	1.50
08136000	31.4546	-100.4106	4,411	22.24	0.8161	4.9568	0.0016	0.0013	1.50
08136500	31.5160	-99.9195	5,443	25.8	0.9621	4.4579	0.0009	0.0002	1.47
08136700	31.4938	-99.5740	12,802	27.36	0.9033	2.9773	0.0013	0.0025	1.93
08138000	31.4679	-99.1623	13,788	27.98	0.8273	2.9612	0.0008	0.0027	1.91
08141500	31.8343	-99.5348	54	26.68	0.9228	3.0578	0.0047	0.0056	1.46
08142000	31.8467	-99.4247	107	28.01	0.9615	3.0095	0.0036	0.0028	1.69
08143600	31.5174	-98.7406	2,073	28.91	0.7822	2.9934	0.0011	0.0001	1.71
08144500	30.9191	-99.7856	1,128	24.6	0.7547	3.8142	0.0016	0.0006	1.34
08144600	31.0041	-99.2689	1,626	27.85	0.7999	3.2992	0.0014	0.0003	1.41
08145000	31.1382	-99.3351	588	27.67	0.8099	3.3313	0.0021	0.0002	1.52
08146000	31.2132	-98.7195	3,039	28.4	0.8133	3.0739	0.0007	0.0007	2.97
08147000	31.2179	-98.5645	19,819	28.96	0.8183	2.7842	0.0008	0.0026	1.07
08148500	30.5174	-99.8062	914	25.21	0.8134	3.5567	0.0022	0.0045	1.44
08150000	30.5044	-99.7345	1,849	25.46	0.8164	3.5567	0.0013	0.0072	1.92
08150700	30.6607	-99.1092	3,242	28.97	0.8920	2.8485	0.0014	0.0062	1.45
08150800	30.6435	-99.0959	215	29.23	0.8855	2.6232	0.0050	0.0064	1.56
08151500	30.7513	-98.6698	4,192	27.53	0.7843	2.7520	0.0015	0.0054	1.36
08152000	30.5577	-98.4723	346	31.06	0.8836	2.8807	0.0056	0.0025	1.48
08152900	30.2205	-98.8698	369	32.03	0.9477	3.1221	0.0033	0.0004	1.44
08153500	30.2919	-98.3995	901	33.38	0.9610	3.2831	0.0027	0.0033	1.46
08154700	30.3721	-97.7847	22	34.19	1.0228	2.5267	0.0088	0.0030	2.59
08155200	30.2963	-97.9256	90	34.71	1.0119	2.8003	0.0042	0.0011	1.76
08155240	30.2741	-97.8447	107	34.48	1.0192	2.6876	0.0037	0.0006	1.97
08155300	30.2447	-97.8022	116	34.38	1.0195	2.6715	0.0037	0.0058	1.97
08155400	30.2635	-97.7722	125	34.01	1.0304	2.6554	0.0037	0.0063	1.97
08156800	30.2766	-97.7503	12	33.94	1.0337	2.7198	0.0068	0.0008	1.22
08157000	30.2972	-97.7269	2	33.99	1.0318	0.9173	0.0089	0.0086	1.15
08157500	30.2858	-97.7339	4	33.96	1.0304	1.6898	0.0087	0.0074	1.15
08158000	30.2461	-97.6801	27,606	34.59	1.0057	2.7359	0.0007	0.0059	2.08
08158050	30.2633	-97.6725	13	34.51	1.0063	2.1243	0.0052	0.0055	1.74
08158600	30.2833	-97.6550	51	34.6	1.0020	2.4301	0.0044	0.0004	1.59
08158700	30.0830	-98.0078	124	36.6	1.0494	3.7176	0.0041	0.0002	1.92
08158800	30.0860	-97.8481	166	35.8	1.0222	3.3153	0.0036	0.0027	1.81
08158810	30.1555	-97.9400	12	35.65	1.0599	2.5910	0.0090	0.0042	1.44
08158840	30.2091	-97.9033	8	35.36	1.0610	1.8668	0.0094	0.0041	1.24
08158920	30.2352	-97.8603	6	34.89	1.0219	2.0761	0.0100	0.0062	1.25
08158922	30.2263	-97.8414	7	34.8	1.0135	2.2209	0.0097	0.0080	1.23
08158930	30.2213	-97.7936	19	34.54	1.0179	1.8668	0.0081	0.0039	1.28
08158970	30.1894	-97.7325	28	34.93	1.0083	2.7359	0.0060	0.0012	1.45
08159000	30.1780	-97.6886	321	35.29	0.9977	2.9934	0.0032	0.0031	1.90
08159150	30.4546	-97.6008	5	35.27	0.9648	1.1748	0.0063	0.0048	1.32
08159200	30.1047	-97.3194	28,576	37.15	0.9656	2.5106	0.0003	0.0013	2.34
08159500	30.0127	-97.1619	28,968	38.5	0.9666	2.5106	0.0003	0.0004	2.29
08160400	29.9124	-96.9039	29,471	40.27	0.8575	2.4784	0.0003	0.0028	2.19
08160800	29.7991	-96.5322	17	43.23	0.8950	2.8164	0.0032	0.0031	1.23
08161000	29.7063	-96.5369	30,237	43.94	0.9017	2.5267	0.0003	0.0021	2.02
08162000	29.3091	-96.1038	30,600	45.85	0.8719	2.5589	0.0003	0.0002	1.84
08162500	28.9741	-96.0125	30,837	49.04	0.9483	2.3014	0.0003	0.0002	1.70
08162600	28.9280	-96.1711	145	46.59	0.9968	2.0439	0.0005	0.0008	1.61
08164000	28.9600	-96.6864	817	43.05	1.2257	2.8003	0.0010	0.0005	1.65
08164300	29.4669	-96.8128	332	42.07	1.0208	3.1060	0.0006	0.0005	1.28
08164350	29.3219	-96.7091	437	45.14	1.0817	2.8485	0.0006	0.0003	1.37
08164390	29.0655	-96.6741	579	43.18	1.1424	2.8003	0.0005	0.0045	1.45
08164450	29.1603	-96.5464	289	44.07	1.0282	2.7037	0.0010	0.0001	1.53
08164500	29.0258	-96.5525	1,062	43.58	1.0968	3.0899	0.0008	0.0000	1.53
08164503	29.0719	-96.4680	178	44.3	1.0115	2.5267	0.0005	0.0005	1.72
08164504	29.0708	-96.4172	54	44.65	0.9941	2.1726	0.0006	0.0005	1.39
08164600	28.8914	-96.8191	92	41.57	1.1105	2.8164	0.0012	0.0002	1.33
08164800	28.7253	-96.7689	68	42.51	1.0960	2.2692	0.0006	0.0018	1.41
08166000	30.1002	-99.2831	114	31.96	0.9497	2.9773	0.0044	0.0002	1.57

08166140	30.0697	-99.1953	494	32.11	0.9291	2.8164	0.0022	0.0019	1.10
08166200	30.0533	-99.1634	510	32.13	0.9266	2.8003	0.0020	0.0013	1.12
08167000	29.9652	-98.8972	839	34.75	1.0642	2.7842	0.0019	0.0011	1.32
08167500	29.8605	-98.3836	1,315	34.7	0.9543	2.9290	0.0020	0.0001	1.63
08167800	29.8591	-98.1800	1,436	36.39	0.9800	2.2692	0.0019	0.0000	1.07
08168500	29.7149	-98.1100	1,518	37.02	1.2114	2.5428	0.0032	0.0008	1.84
08171000	29.9944	-98.0889	355	37.25	1.0690	3.5084	0.0034	0.0026	1.66
08171300	29.9794	-97.9100	412	36.43	1.0393	3.3635	0.0031	0.0035	1.64
08172000	29.6663	-97.6508	838	36.66	1.0917	3.0899	0.0017	0.0058	1.99
08172400	29.9230	-97.6792	112	35.8	1.0453	2.6554	0.0033	0.0001	1.59
08173000	29.6997	-97.6036	309	36.72	1.0823	2.7037	0.0021	0.0028	1.65
08174600	29.4741	-97.3167	460	37.99	1.0469	2.4945	0.0012	0.0023	1.85
08175000	29.2152	-97.4494	549	36.47	0.9633	2.6876	0.0015	0.0013	1.86
08175800	29.0905	-97.3297	4,934	36.41	0.9832	2.7037	0.0005	0.0008	1.20
08176500	28.7930	-97.0130	5,198	40.72	1.0406	2.4623	0.0003	0.0003	1.84
08176550	28.8978	-97.3550	167	36.1	0.9623	2.1565	0.0019	0.0017	1.46
08176900	28.8617	-97.2264	357	37.47	0.9715	2.1404	0.0015	0.0022	1.57
08177300	28.7517	-97.3172	28	36.7	0.9442	1.6093	0.0032	0.0034	1.25
08177500	28.7311	-97.1386	500	38.63	0.9944	2.0600	0.0014	0.0002	1.56
08178000	29.4097	-98.4950	42	32.68	0.9772	4.1038	0.0030	0.0033	1.67
08178050	29.3930	-98.4947	42	32.28	0.9651	4.2165	0.0029	0.0021	1.63
08178585	29.6308	-98.5656	23	34.72	1.0060	2.2370	0.0070	0.0023	1.16
08178700	29.5161	-98.4311	137	33.37	1.0254	2.8646	0.0050	0.0026	1.34
08178800	29.3572	-98.4128	189	32.25	0.9476	2.9290	0.0036	0.0013	1.52
08178880	29.7238	-99.0700	328	33.18	0.9522	2.3014	0.0037	0.0047	1.73
08180640	29.3241	-98.8131	805	29.49	0.8924	2.4462	0.0025	0.0002	1.98
08180700	29.3350	-98.6897	885	30.51	0.9208	2.4140	0.0024	0.0026	2.02
08180750	29.3280	-98.6388	48	30.75	0.9259	3.5245	0.0032	0.0000	1.45
08180800	29.2622	-98.5814	967	30.37	0.9140	2.4462	0.0013	0.0027	3.63
08181400	29.5786	-98.6917	15	33.52	0.9857	2.3979	0.0100	0.0057	1.29
08181480	29.3300	-98.5842	219	31.19	0.9348	3.0095	0.0040	0.0007	1.74
08181500	29.2641	-98.4908	1,317	30.9	0.9204	2.5910	0.0022	0.0038	2.03
08181800	29.2222	-98.3558	1,743	30.9	0.9072	3.0739	0.0019	0.0002	1.76
08183500	28.9516	-98.0642	2,113	29.81	0.8865	2.6876	0.0004	0.0000	1.98
08183850	29.8147	-98.7536	29	37.07	0.9801	2.5106	0.0080	0.0000	1.50
08183900	29.7750	-98.7095	68	36.83	0.9780	2.8646	0.0064	0.0015	1.49
08185000	29.5941	-98.3111	274	34.5	1.0281	3.1382	0.0034	0.0050	1.78
08186000	29.0141	-97.9303	827	31.11	0.9137	2.9612	0.0022	0.0017	1.84
08186500	28.9203	-97.7722	239	30.7	0.8747	2.5589	0.0013	0.0014	1.64
08189200	28.3036	-97.1125	88	38.18	1.1383	4.6832	0.0007	0.0007	1.38
08189300	28.4831	-97.6567	204	32.93	0.9525	2.0600	0.0015	0.0029	1.56
08189500	28.2920	-97.2792	690	39.06	1.1973	2.6554	0.0011	0.0011	1.61
08189700	28.2825	-97.6208	247	32.73	1.0442	4.0073	0.0019	0.0002	1.43
08189800	28.0470	-97.5039	128	35.39	1.2244	7.7892	0.0011	0.0002	1.52
08190000	29.4286	-99.9973	737	26.03	0.8482	2.7198	0.0037	0.0025	1.36
08190500	29.4811	-100.2392	694	25.1	0.8534	3.7820	0.0028	0.0000	1.46
08192000	29.1239	-99.8948	1,861	24.66	0.8620	2.4623	0.0016	0.0009	1.57
08193000	28.5003	-99.6820	4,082	21.76	0.7965	3.1382	0.0009	0.0017	1.73
08194000	28.4264	-99.2400	5,171	23.62	0.8334	2.9612	0.0007	0.0010	2.09
08194200	27.9650	-98.9670	469	23.57	0.8414	1.6898	0.0004	0.0030	1.10
08194500	28.3089	-98.5572	8,093	24.45	0.7918	3.0899	0.0004	0.0003	2.13
08195000	29.4886	-99.7048	389	30.43	0.9332	2.3336	0.0042	0.0000	1.39
08196000	29.5047	-99.7814	126	30.31	0.9343	1.8668	0.0049	0.0002	1.87
08197500	29.2458	-99.6745	631	26.2	0.8720	2.2209	0.0035	0.0008	1.49
08198000	29.4911	-99.4928	206	31.27	0.9465	2.5910	0.0057	0.0002	1.40
08198500	29.3143	-99.4805	241	26.92	0.8636	2.4784	0.0046	0.0021	1.46
08200000	29.5700	-99.2477	96	31.85	0.9514	2.7359	0.0075	0.0060	1.38
08200700	29.3908	-99.1514	150	29.47	1.0229	2.4945	0.0051	0.0014	1.40
08201500	29.5733	-99.4031	45	32.67	0.9689	2.5267	0.0080	0.0048	1.42
08202700	29.3708	-99.2878	168	29.05	0.9679	2.5428	0.0050	0.0005	1.48
08205500	28.7366	-99.1448	3,429	25.64	0.8904	2.7359	0.0022	0.0005	1.73
08206600	28.4675	-98.5475	4,493	24	0.7981	3.3313	0.0005	0.0021	2.08
08206700	28.5875	-98.5459	783	26.01	0.8035	2.7681	0.0016	0.0001	1.53
08207500	28.8650	-98.3383	530	29.36	0.8847	2.9612	0.0013	0.0007	1.83
08208000	28.6222	-98.2814	1,171	26.89	0.7682	2.8325	0.0012	0.0015	1.78
08210000	28.4275	-98.1781	15,427	26.74	0.7972	2.9612	0.0004	0.0006	1.99
08210400	28.0597	-98.0969	155	29.25	0.9654	5.3430	0.0024	0.0007	1.68
08211200	27.9378	-97.7758	16,611	31.89	1.1228	3.9912	0.0002	0.0000	1.74
08211500	27.8831	-97.6253	16,684	32.43	1.1260	3.9912	0.0002	0.0001	1.82
08211520	27.7114	-97.5019	90	32.23	1.1814	3.1221	0.0009	0.0005	1.25
08211800	27.7666	-98.0756	319	27.81	1.1009	4.2165	0.0022	0.0013	1.38

08212400	27.2645	-98.1358	476	25.67	1.0398	4.5545	0.0013	0.0004	1.31
08412500	31.8726	-103.8316	21,229	11.5	0.6931	5.6166	0.0011	0.0001	1.60
08420500	31.4365	-103.4674	22,100	11.68	0.6139	5.3591	0.0006	0.0019	1.86
08431700	30.6135	-104.0016	52	18.63	1.1710	2.1565	0.0245	0.0022	1.00
08433000	30.9579	-103.4596	612	13.73	0.7894	3.1382	0.0091	0.0042	1.80
08446500	31.1132	-102.4176	29,560	14.79	0.7816	11.6678	0.0004	0.0008	2.11
08447020	30.4521	-101.7332	763	16.92	0.7168	4.7315	0.0050	0.0000	1.33
