

20250914_PSP25_ConsensusTarget

date	time(arrival)	lon	lat	elon	elat	HP-Tx(arrival)	HP-Ty(arrival)	Cons-Type	date(emission)	time(emission)	HP-Tx(emission)	HP-Ty(emission)
2025-09-14 00:00:00		340.579552660571	5.53030043992528	93.52799057921	6.47841196115791	664.742734498166	5.77190030366004	Kent(MLE)	2025-09-13 10:03:21.186291		567.919860675663	-4.70038119513951
2025-09-14 01:00:00		340.632569268617	5.57339199957234	93.0595759639568	6.4868399656531	671.818730464439	7.37837357837606	Kent(MLE)	2025-09-13 11:18:32.082970		577.724108615927	-3.04180439557607
2025-09-14 02:00:00		340.694375986281	5.62177252892531	96.8747960474257	6.4720490750365	678.914199830463	9.09498881842738	Kent(MLE)	2025-09-13 12:34:53.645845		587.679256950259	-1.2540709160889
2025-09-14 03:00:00		340.758929055489	5.67530806285449	94.6518919133617	6.52119113694295	685.955382373364	10.9106879312073	Kent(MLE)	2025-09-13 13:52:24.754509		597.694966436631	0.653485367095921
2025-09-14 04:00:00		340.830113876747	5.73304691130324	92.6600803936043	6.49526541602496	692.98527601046	12.8155259339849	Kent(MLE)	2025-09-13 15:11:03.620654		607.810352727766	2.67047536495041
2025-09-14 05:00:00		340.905177667001	5.7940387681233	96.6177695340007	6.52120805787048	699.970409058121	14.7896342231038	Kent(MLE)	2025-09-13 16:30:47.763108		617.977119731348	4.77770167991343
2025-09-14 06:00:00		340.986363562303	5.85860125404822	94.7158454433495	6.53857614699956	706.932568640619	16.8417915662696	Kent(MLE)	2025-09-13 17:47:24.878303		627.733656387395	6.93066883216253
2025-09-14 07:00:00		341.074167868147	5.92769110025609	94.969433154959	6.44943657060427	713.8722848332	18.9887888161682	Kent(MLE)	2025-09-13 19:03:12.163825		637.351180644511	9.17383876627548
2025-09-14 08:00:00		341.16184872033	5.98581819055656	96.3422899089589	6.49334223982671	720.73317343503	20.9627442701451	Kent(MLE)	2025-09-13 20:14:32.781541		646.361366736873	11.1922858613036
2025-09-14 09:00:00		341.264550238499	6.06689390211829	93.3391124218357	6.41502667321565	727.630998575523	23.351060523786	Kent(MLE)	2025-09-13 20:57:37.955982		652.293337360607	13.2540397934774
2025-09-14 10:00:00		341.371281247355	6.15949462029942	98.9101181141951	6.48275252941847	734.456542572287	25.9466434422979	Kent(MLE)	2025-09-13 21:45:34.477099		658.738793845718	15.5842561725274
2025-09-14 11:00:00		341.487005527104	6.2551959058361	99.2220613012763	6.39042924260755	741.269197836786	28.617566458854	Kent(MLE)	2025-09-13 22:59:30.543320		668.037471754366	18.3373606434062
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2025-09-14 13:00:00		341.792149687567	6.46979509110896	98.86309546974	6.44795257993645	755.2817111001726	34.4940156152509	Kent(MLE)	2025-09-14 01:35:05.484290		687.849194187436	24.493680438966
2025-09-14 14:00:00		341.978406100413	6.56495042724589	100.325598546863	6.42199081701524	762.45873437416	37.3019192643684	Kent(MLE)	2025-09-14 02:17:36.706699		694.261060407058	26.9517132808353
2025-09-14 15:00:00		342.088994293436	6.64854813165787	101.001736229247	6.41226907803413	768.789842148739	39.8015678178411	Kent(MLE)	2025-09-14 03:16:39.470988		701.462177758811	29.3434637835085
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2025-09-14 17:00:00		342.374670843791	6.90652679960505	104.326686370518	6.44722744524437	781.58619680046	46.4418635647173	Kent(MLE)	2025-09-14 06:43:28.417210		724.896810818292	37.057179633874
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2025-09-14 19:00:00		342.857452628063	7.19277861503556	106.311718497485	6.27658431725382	795.614593089969	53.9275854345687	Kent(MLE)	2025-09-14 09:17:13.050603		744.228360345863	44.8667370353856
2025-09-14 20:00:00		342.895335627872	7.3166401506286	105.064092875779	6.29086695986361	800.63147317006	57.011006172842	Kent(MLE)	2025-09-14 09:39:35.284915		746.504434289897	47.3202722493324
2025-09-14 21:00:00		343.201697561582	7.49227138379729	107.044141334091	6.40853922212986	807.780221769836	61.4304355682444	Kent(MLE)	2025-09-14 10:40:31.440811		754.922309776642	51.6602299307049
2025-09-14 22:00:00		343.357235681906	7.53265966277179	107.78243143924	6.27616181629002	813.721933330618	63.3546780091354	Kent(MLE)	2025-09-14 11:54:45.259130		763.112112504217	53.7254087503109
2025-09-14 23:00:00		343.615609055781	7.72764293117275	109.263510162612	6.20043983490352	820.088241031013	68.0297017324805	Kent(MLE)	2025-09-14 12:52:25.047032		770.38543798659	58.2827343984808
2025-09-15 00:00:00		343.668909182871	7.642626202031	110.519002663741	6.29715203520638	825.176130060111	67.71290134835	Kent(MLE)	2025-09-14 13:27:24.170277		774.111816209277	57.5089545386205
2025-09-15 01:00:00		348.61697244236	6.22431993375234	142.273111806077	5.91049141866672	868.2664133119	54.4338650006007	Kent(MLE)	2025-09-14 14:50:59.306738		826.882945505234	44.0303411749954
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2025-09-15 03:00:00		21.0908957830189	10.1528746859638	149.272173770256	4.80481270519037	nan	nan	Kent(MLE)	2025-09-14 17:58:12.730376	nan		nan
2025-09-15 04:00:00		43.8642340788302	12.770302080979	8.56050368468247	3.36664996673253	nan	nan	Kent(MLE)	2025-09-14 19:05:58.941222	nan		nan
2025-09-15 05:00:00		45.1213645391631	12.1441958577276	0.890014619154174	0.898110248115989	nan	nan	Median	2025-09-14 20:48:29.238756	nan		nan
2025-09-15 06:00:00		45.2250657895282	12.0973521319513	0.946670328854072	0.891974886205713	nan	nan	Median	2025-09-14 21:43:28.200670	nan		nan
2025-09-15 07:00:00		45.2971434446914	12.0608878290277	1.01245800517779	0.755774288796293	nan	nan	Median	2025-09-14 23:31:14.736040	nan		nan
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2025-09-15 09:00:00		45.6965162483623	11.9288713298374	1.19406658274345	0.652102780920243	nan	nan	Median	2025-09-15 01:44:26.973581	nan		nan
2025-09-15 10:00:00		45.9617136315445	11.7039348747548	1.33504086388702	0.645602563027993	nan	nan	Median	2025-09-15 03:35:07.293537	nan		nan
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2025-09-15 14:00:00		48.8169181647576	11.0523408295207	1.43230010207496	0.593218702723425	nan	nan	Median	2025-09-15 09:11:37.279840	nan		nan
2025-09-15 15:00:00		49.8594166821141	10.7173434680868	1.25316113835145	0.523251282803408	nan	nan	Median	2025-09-15 10:32:42.838928	nan		nan
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2025-09-15 19:00:00		53.3577280169441	10.4801104507082	4.47037497173911	0.553053714881037	nan	nan	Median	2025-09-15 15:11:04.984390	nan		nan
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2025-09-15 21:00:00		64.5530311798381	9.54769938606879	0.942230201316078	0.538265234319763	nan	nan	Median	2025-09-15 15:41:59.572845	nan		nan
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2025-09-16 00:00:00		67.7079577306896	8.6173872574882	3.46458766956091	3.16282843890195	nan	nan	Median	2025-09-15 20:26:14.095717	nan		nan
2025-09-16 01:00:00		70.7279012370831	7.26623701236217	4.03335463579923	4.30891288679373	nan	nan	Median	2025-09-15 21:20:46.459542	nan		nan
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2025-09-17 12:00:00	145.03656376219	-16.6934921092428	1.33584011591634	0.459751632611032	nan	nan	Median	2025-09-17 02:51:16.965138	nan	nan
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2025-09-17 15:00:00	145.446030843375	-16.9253775495157	1.06495396780704	0.513171583919204	nan	nan	Median	2025-09-17 06:01:41.824365	nan	nan
2025-09-17 16:00:00	145.516094579749	-16.9106823351717	1.01906398186026	0.508454247891549	nan	nan	Median	2025-09-17 07:02:54.436761	nan	nan
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2025-09-17 22:00:00	145.837753556134	-16.7698570266246	0.840442433178618	0.49907362208321	nan	nan	Median	2025-09-17 12:00:17.104218	nan	nan
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2025-09-18 00:00:00	145.918300140374	-16.7309021830137	0.802252051850478	0.500525058878414	nan	nan	Median	2025-09-17 13:48:43.833523	nan	nan
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2025-09-19 04:00:00	145.783753110631	-16.551119362343	0.887821079849869	0.477446521409973	-907.416833602358	-285.211797537455	Median	2025-09-18 13:58:17.682080	nan	nan
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20250914_PSP25_ConsensusTarget

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2025-09-24 14:00:00	76.7307834460929	3.52860692299832	6.04788589284913	6.43056056581749	-940.352576937294	38.0526219680338 Kent(MLE)	2025-09-22 23:42:05.317008	nan	nan
2025-09-24 15:00:00	76.9375295743424	3.20904274144965	6.0381163546417	6.34963178632129	-938.42491983017	31.255489553734 Kent(MLE)	2025-09-23 00:20:39.756145	nan	nan
2025-09-24 16:00:00	76.9649153589219	3.12050570266463	6.08423187230297	6.38205438269471	-936.69217970036	28.6463171491091 Kent(MLE)	2025-09-23 01:37:34.900045	nan	nan
2025-09-24 17:00:00	77.0604366558636	3.00037995592418	6.07583417884011	6.35971508881765	-934.655653046677	25.3806904587056 Kent(MLE)	2025-09-23 03:28:22.855039	nan	nan
2025-09-24 18:00:00	77.1044566861225	2.9313459744875	6.07838719948121	6.3234615853011	-932.639322886243	23.0669702451342 Kent(MLE)	2025-09-23 04:49:05.918546	nan	nan
2025-09-24 19:00:00	77.0693350286779	2.96202664723031	6.10692136344239	6.30469470574946	-930.736302785575	22.5659762168858 Kent(MLE)	2025-09-23 05:43:43.900252	nan	nan
2025-09-24 20:00:00	77.0688907843288	2.93642305394419	5.9350020668824	6.12106653471045	-928.669493541121	21.0656861441627 Kent(MLE)	2025-09-23 08:07:03.994209	nan	nan
2025-09-24 21:00:00	76.9787905427619	3.01865539259766	5.91550991604914	6.07539218298374	-926.789544798201	21.5330772650691 Kent(MLE)	2025-09-23 09:00:41.769648	nan	nan
2025-09-24 22:00:00	76.9757515943939	3.02132924134865	5.89843377228146	6.05260519671451	-924.552957004635	20.5124696405081 Kent(MLE)	2025-09-23 09:09:24.762405	nan	nan
2025-09-24 23:00:00	76.8557221799532	3.1476578633565	5.89989307991023	5.96353769329202	-922.630960599752	21.7750737351135 Kent(MLE)	2025-09-23 10:09:24.481241	nan	nan

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2025-09-25 00:00:00	76.7144642152898	3.27768075944782	5.89779616559411	5.96627506816002	-920.743244453101	23.1426146862458 Kent(MLE)	2025-09-23 13:28:51.360402	nan	nan
2025-09-25 01:00:00	76.6100795921494	3.35974325531188	5.9147540989604	5.94830603985012	-918.681943358853	23.6447978871184 Kent(MLE)	2025-09-23 13:44:58.642154	nan	nan
2025-09-25 02:00:00	76.4075519698452	3.53047468951379	5.81985398166788	5.79999877527283	-916.934332523728	25.8111339669671 Kent(MLE)	2025-09-23 14:59:36.960719	nan	nan
2025-09-25 03:00:00	76.2235975004621	3.73577974480961	5.81049155369527	5.7993336519854	-915.021628461312	28.5170014626885 Kent(MLE)	2025-09-23 17:21:38.634687	nan	nan
2025-09-25 04:00:00	76.0451890821703	3.92243482809733	5.85371520774594	5.82763483693421	-913.053861921886	30.9045665433257 Kent(MLE)	2025-09-23 20:15:10.871074	-953.802762096515	65.5565963684991
2025-09-25 05:00:00	75.8905577436883	4.08390854066428	5.80394528674785	5.7393516226935	-910.949374410789	32.8304690274394 Kent(MLE)	2025-09-23 22:32:14.648327	-953.651259775972	65.9969798529424
2025-09-25 06:00:00	75.6926241335305	4.29360530906643	5.84570331697532	5.77743158342012	-908.957055584993	35.6419236735732 Kent(MLE)	2025-09-24 00:58:54.299700	-953.06065807119	67.1473245322816
2025-09-25 07:00:00	75.5526845245362	4.47573124443588	5.79106410504493	5.7269730301283	-906.654099610867	37.8866612990786 Kent(MLE)	2025-09-24 01:40:35.308291	-952.712101280689	69.6687569486232
2025-09-25 08:00:00	75.3866570522573	4.64784969205577	5.70778683053202	5.57137718243696	-904.446664343355	40.0175481962788 Kent(MLE)	2025-09-24 02:04:04.115864	-952.462115520844	72.4137328421622
2025-09-25 09:00:00	75.1620268072485	4.89829891913353	5.747697560597	5.5799912470429	-902.401281728875	43.5618737379337 Kent(MLE)	2025-09-24 03:04:40.983735	-951.924107143888	75.8845770247694
2025-09-25 10:00:00	74.9456513354774	5.14357448761012	5.79261227078181	5.59434444700962	-900.272990154568	47.0061121643434 Kent(MLE)	2025-09-24 03:44:31.820582	-951.473711994942	79.636052299048
2025-09-25 11:00:00	74.7405837225412	5.38756845281139	5.67795412489087	5.4782045003863	-898.038123341277	50.4091807621178 Kent(MLE)	2025-09-24 03:55:10.015266	-951.178945915773	83.8809270845543
2025-09-25 12:00:00	74.523119538628	5.60660165816902	5.65334118268963	5.39907024527029	-895.863763899077	53.4232348653521 Kent(MLE)	2025-09-24 04:24:35.078216	-950.800875170156	87.3913191734634
2025-09-25 13:00:00	74.3378062517386	5.78987307746821	5.6776054986563	5.42494061486842	-893.519851864781	55.7852033082851 Kent(MLE)	2025-09-24 05:11:47.544682	-950.328164318577	89.9186927722974
2025-09-25 14:00:00	74.0963999963466	5.99647889617102	5.56864873706634	5.37826817885574	-891.420096919406	58.6414482149285 Kent(MLE)	2025-09-24 06:36:32.991621	-949.542558174813	92.2533424622578
2025-09-25 15:00:00	73.8226410415588	6.26291964922007	5.60984045280763	5.33521086303119	-889.373418078059	62.5517372138731 Kent(MLE)	2025-09-24 10:42:22.734658	-946.735483858967	92.6900231412549
2025-09-25 16:00:00	73.6437217793261	6.42479579604774	5.60057898344807	5.3409777199732	-886.905565135879	64.5521571374533 Kent(MLE)	2025-09-24 13:57:31.568727	-943.706031111767	92.1564822079973
2025-09-25 17:00:00	73.3855379915974	6.66769788049627	5.50324258018205	5.25189588638264	-884.730711120414	68.0454364559396 Kent(MLE)	2025-09-24 15:28:38.827086	-942.091921133222	95.0211770390641
2025-09-25 18:00:00	73.2185055511146	6.82455889815848	5.3957673583368	5.16315844131967	-882.117462799419	69.9444718312068 Kent(MLE)	2025-09-24 16:17:14.412336	-941.196741333464	97.0587937618343
2025-09-25 19:00:00	72.9578148482779	7.07674560291526	5.52454871661221	5.19281692213891	-879.864585286239	73.5988738681171 Kent(MLE)	2025-09-24 17:26:03.691699	-939.874256092357	100.488230475783
2025-09-25 20:00:00	72.7541811509984	7.26170653625752	5.36923705418219	5.08650936948252	-877.345070344396	76.0350340775241 Kent(MLE)	2025-09-24 19:26:25.337532	-937.3304366495	101.766089316259
2025-09-25 21:00:00	72.4757107206027	7.48403840672497	5.3299089475025	5.04795927710113	-875.190589614678	79.2297085301035 Kent(MLE)	2025-09-24 19:28:58.238249	-937.505280635087	105.93604082977
2025-09-25 22:00:00	72.1884913016108	7.69132711200563	5.25052532166966	5.04612498313634	-873.092317302478	82.192059047957 Kent(MLE)	2025-09-24 19:02:18.456818	-938.330052992329	110.400911910192
2025-09-25 23:00:00	71.9432595639243	7.85850024336169	5.14209451825303	4.99876898393582	-870.775567788631	84.414129212377 Kent(MLE)	2025-09-24 18:21:00.523114	-939.347917434061	114.385597874363
2025-09-26 00:00:00	71.6560222184709	8.04720090944696	5.07015014219192	5.03511034469164	-868.659981180448	87.0706611406409 Kent(MLE)	2025-09-24 17:45:22.997701	-940.176823496353	118.704800114717
2025-09-26 01:00:00	71.4757841179479	8.1418425886189	4.9181835297694	5.06786802962695	-866.006660423009	87.9764391090639 Kent(MLE)	2025-09-24 18:11:13.071344	-939.849398168502	120.151457291272
2025-09-26 02:00:00	71.191290522833	8.29234958697963	4.74634600403542	5.0707367885154	-863.901252802229	89.9983760547294 Kent(MLE)	2025-09-24 18:02:02.071167	-940.206566263922	123.356558733774
2025-09-26 03:00:00	70.9257484079009	8.4216395001814	4.47646496101226	4.89470421705158	-861.690095892642	91.6360065128954 Kent(ME)	2025-09-24 18:48:41.110448	-939.595635474892	125.164267946124
2025-09-26 04:00:00	70.2463642780716	9.27195905351741	4.33282544052983	4.82853928314939	-860.597640031949	105.946146820791 Median	2025-09-24 19:49:49.060422	-937.672899376135	139.366064158012
2025-09-26 05:00:00	70.1875561106512	9.28468740235127	3.9188823601822	4.77099832719125	-857.208016784163	105.285124740185 Median	2025-09-24 20:28:14.246468	-937.078867550474	138.998715939609
2025-09-26 06:00:00	69.9416910056995	9.38538778253432	3.50011622843422	4.41011641266813	-854.854262936162	106.416972122143 Median	2025-09-24 20:28:42.515851	-937.277760718251	141.127128403224
2025-09-26 07:00:00	69.8617359640261	9.36968852084562	3.22689026989046	4.04088784635431	-851.583474730607	105.330473768096 Median	2025-09-24 21:54:54.548138	-935.910351244733	139.476082589741
2025-09-26 08:00:00	69.668255659733	9.43449605417055	3.10335235823551	3.63211202714432	-848.878706987482	105.780313928368 Median	2025-09-22 15:34:20.229104	nan	nan
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2025-09-26 10:00:00	69.4064645793652	9.47196208943603	3.11304062752758	3.24592426579136	-842.668333725305	104.942671093725 Median	2025-09-25 01:09:00.119841	-932.628915045178	138.568002509149
2025-09-26 11:00:00	69.2108393182074	9.53052494880511	3.08833667176996	3.25283916127831	-839.885223580059	105.300996626252 Median	2025-09-25 01:33:42.497006	-932.397627396975	139.47078873045
2025-09-26 12:00:00	69.0205916035623	9.6170715716317	3.10409619550162	3.20087361300805	-836.959740285995	106.115129796191 Median	2025-09-24 16:12:47.501916	-941.293075971538	151.370533322964
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2025-09-26 15:00:00	68.5883787441367	9.72638949126277	3.09180022463612	3.12282545063101	-827.261149723316	105.846990616867 Median	2025-09-25 06:48:08.587724	-925.558851169888	138.302660807129
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2025-09-26 17:00:00	68.3551779091851	9.67854067017421	3.06266235956352	3.05755043816066	-820.437238582643	103.592270356685 Median	2025-09-25 08:17:00.054559	-923.837598744547	136.397580278496
2025-09-26 18:00:00	68.1983127321546	9.62046467083691	3.02492041450439	3.01862713937237	-817.36798894289	101.973349460844 Median	2025-09-25 09:11:26.449287	-922.861337641254	134.786323882283
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2025-09-26 20:00:00	67.8342671177309	9.71497374494511	2.91139468998264	2.94060706566872	-811.027337851934	102.31685820473 Median	2025-09-25 12:55:08.358037	-916.519455498783	133.109254596766
2025-09-26 21:00:00	67.9732704167621	9.68213972203766	2.72352358851545	2.84230640875953	-805.253168128431	100.626103705239 Median	2025-09-25 13:57:00.968888	-913.81857919856	131.220822891633
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2025-09-26 23:00:00	67.634242320828	9.6872132050373	2.5133325091977	2.63326360004576	-798.649301911239	99.4680139344836 Median	2025-09-25 15:02:12.296726	-912.756375669036	130.817676795391
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2025-09-27 03:00:00	67.3257325250131	9.69213946706502	1.22120396675872	0.877186659614327	-781.630043051438	96.4974614416375 Median	2025-09-25 18:52:57.050059	-904.855100290384	127.486981350267
2025-09-27 04:00:00	67.1110512624677	9.74305443648419	1.0548716786296	0.732658702743059	-778.40942901792	96.8131899709698 Median	2025-09-25 19:47:03.520328	-903.41160919494	127.799819523616

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2025-09-27 05:00:00	66.9270138717904	9.75519341761191	1.07151414254915	0.65896359492953	-774.964350929484	96.4390892444841	Median	2025-09-25 19:44:19.616153	-904.358579864958	128.395518430858
2025-09-27 06:00:00	66.781632163051	9.74101396811973	1.0543546395198	0.620822838044628	-771.181207074551	95.5693658062804	Median	2025-09-25 21:30:28.120536	-900.465692267753	126.612839752327
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2025-09-27 09:00:00	66.66458816785	9.76096509099163	1.05487942329323	0.642597682353399	-756.319501841674	93.5143777314698	Median	2025-09-26 02:17:00.362747	-887.334854815388	122.288133230431
2025-09-27 10:00:00	66.5033216572608	9.71846132587515	1.04866164092286	0.640831819088694	-752.573451133212	92.2164584630274	Median	2025-09-26 01:31:44.263127	-890.60677161417	122.652881755158
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2025-09-27 12:00:00	66.2815868498004	9.77630666428097	1.11426022059545	0.647942175869838	-743.632369605592	91.8457217566972	Median	2025-09-26 04:04:07.472109	-883.926650392357	121.449501787841
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2025-09-27 14:00:00	66.3246682695653	9.82221846651503	1.11435300920608	0.644275190329049	-731.793742047157	90.891102137711	Median	2025-09-26 05:34:28.742284	-878.720770283835	120.615430697022
2025-09-27 15:00:00	66.1943176202503	9.79171758955734	1.11555196979284	0.660259859657297	-727.480830633314	89.766846582774	Median	2025-09-26 07:40:39.037968	-872.555201020325	118.256038695565
2025-09-27 16:00:00	66.0754365283171	9.75451391260439	1.12481427206945	0.678328622468238	-723.020377415232	88.5179738585963	Median	2025-09-26 08:21:47.457951	-871.037978018634	117.17933016101
2025-09-27 17:00:00	65.9666318818556	9.79033820225748	1.16476471013193	0.684927623511656	-718.252021824475	88.4716665781791	Median	2025-09-26 06:37:59.529960	-877.471508538118	119.689862991688
2025-09-27 18:00:00	65.8682156856691	9.88345223534344	1.18884608260287	0.698341480097711	-713.205282387789	89.3666861670878	Median	2025-09-26 07:24:40.184042	-875.231965946034	120.630142413921
2025-09-27 19:00:00	65.982469268075	9.94277156817777	1.21732965287044	0.687334943401477	-705.86573446868	89.3929299818132	Median	2025-09-26 10:03:40.710590	-865.157393720467	118.778834421336
2025-09-27 20:00:00	65.9087306213825	9.95605362110982	1.24442372940454	0.678255458238399	-700.611122774659	88.938073098581	Median	2025-09-26 09:07:38.330706	-868.905820614658	120.051827607508
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