

20200127_PSP4_ConsensusTarget

date	time	Tx(GONG)	Ty(GONG)	Tx(HMI)	Ty(HMI)
2020-01-01	00:00:00	-737.5979823382	-446.0597267508	-701.379110656	461.6418605565
2020-01-01	06:00:00	-731.3280105905	-441.1921685944	-669.5716062384	473.1873315405
2020-01-01	12:00:00	-727.0740808528	-443.8204093348	-630.5731177698	497.3390503448
2020-01-01	18:00:00	-719.7030173908	-445.7573172586	-472.7542495357	815.0984878175
2020-01-02	00:00:00	-710.3709917271	-452.056563523	-464.2007553948	817.5253288033
2020-01-02	06:00:00	-687.5111629649	-460.7625805829	-451.9448762205	817.4669943522
2020-01-02	12:00:00	-686.386157007	-479.9763801942	-451.6906841623	821.6562698673
2020-01-02	18:00:00	-673.0451115698	-485.8005805999	-450.2099921193	828.9229614892
2020-01-03	00:00:00	-654.1778155528	-489.8437881935	-434.9540758161	842.0721118767
2020-01-03	06:00:00	-633.4086830299	-492.7837062898	-456.2671731426	849.3234682833
2020-01-03	12:00:00	-612.134273207	-494.7333707472	-481.476434343	839.9509764882
2020-01-03	18:00:00	-584.540000821	-496.5168974056	-551.2248323904	799.8449493814
2020-01-04	00:00:00	-556.9940057884	-497.5121136376	-594.1991570664	760.6640069311
2020-01-04	06:00:00	-528.7875616571	-498.7831887042	-608.6148156715	749.671669629
2020-01-04	12:00:00	-493.3805638005	-502.0634310364	-728.6679826221	631.2934384757
2020-01-04	18:00:00	-459.6099441987	-509.9347416007	-764.5209459374	578.8578831565
2020-01-05	00:00:00	-416.9706654735	-520.1803265624	-809.0956443048	508.7011747324
2020-01-05	06:00:00	-378.3112343431	-543.9604235829	-816.3270763368	486.9053088541
2020-01-05	12:00:00	-2044.4145860996	203.1506139748	-820.6204152668	476.1676992851
2020-01-05	18:00:00	-462.3755026986	847.3570572721	-809.8705538439	462.2952551385
2020-01-06	00:00:00	-462.9678199454	843.9618068432	-807.2405325458	453.2953245991
2020-01-06	06:00:00	-461.9797687042	840.3063248045	-797.4020631295	445.5692486235
2020-01-06	12:00:00	-640.476458207	688.1613465187	-792.6203774109	435.224651044
2020-01-06	18:00:00	-631.9282225249	690.5335592215	-785.1478847899	416.8304222487
2020-01-07	00:00:00	-614.7795971299	688.3607498209	-780.5868922721	411.1564362074
2020-01-07	06:00:00	-596.2542433541	696.0538889133	-766.5568732796	405.2710205399
2020-01-07	12:00:00	-566.2179385365	698.7541565135	-753.3456408223	402.9981328764
2020-01-07	18:00:00	-537.3558275444	718.8303506537	-740.1525343633	397.5468132771
2020-01-08	00:00:00	-361.2268959307	866.4499301666	-726.5876415351	411.3031557576
2020-01-08	06:00:00	-351.952203701	871.2556435411	-704.493474375	423.6449831223
2020-01-08	12:00:00	-344.1714599526	882.2652785936	-682.4897715747	440.9552256553
2020-01-08	18:00:00	-324.4033548397	892.2326841406	-659.7921835177	461.9653936526
2020-01-09	00:00:00	-335.5595831452	898.606123441	-636.2488136685	475.3163919771
2020-01-09	06:00:00	-338.5474651717	896.6278065502	-634.8561080522	494.3465670592
2020-01-09	12:00:00	-358.7793480132	894.9193967975	-607.4969027452	523.5475868005
2020-01-09	18:00:00	-364.0616077306	893.686023423	-541.2814216875	611.7346212983
2020-01-10	00:00:00	-369.8082931102	893.9192503541	-513.9508006801	645.5180940765
2020-01-10	06:00:00	-382.5263158365	890.2212826953	-483.7606229973	682.9476435322
2020-01-10	12:00:00	-393.6185493383	883.168114653	-468.434190785	707.1348865088
2020-01-10	18:00:00	-394.1166352362	882.8583053011	-421.4788875079	742.5747449979
2020-01-11	00:00:00	-396.0561379853	884.895961319	-384.980082029	784.1827013287
2020-01-11	06:00:00	-401.1975850123	884.0533410433	-374.7180410374	820.6709938973
2020-01-11	12:00:00	-404.7471256377	882.8021370263	-2149.3140713698	176.6598451734
2020-01-11	18:00:00	-414.7799644407	880.9211435222	-846.7821303993	-413.3342720926
2020-01-12	00:00:00	-419.1175379416	873.7660004283	-850.8885888986	-384.1057901443
2020-01-12	06:00:00	-429.9627047312	871.0485841698	-849.0600651347	-365.9860523837
2020-01-12	12:00:00	-432.2508141368	866.3362490769	-844.7409709836	-361.1539384209
2020-01-12	18:00:00	-446.3299955733	865.8830751615	-824.5534270739	-349.1923041716

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2020-01-13 00:00:00	-451.060140495	860.6364114093	-816.2665389492	-346.2237170198
2020-01-13 06:00:00	-457.2928432627	854.8788152162	-803.6360023085	-316.8128725924
2020-01-13 12:00:00	-474.6865927766	847.297608803	-828.9069551949	-345.168795825
2020-01-13 18:00:00	-493.859176239	838.569857399	-805.7272791953	-354.6814259492
2020-01-14 00:00:00	-503.6723928836	830.3030077453	-785.1619699644	-360.0096776225
2020-01-14 06:00:00	-513.8730368712	822.4394356527	-762.2199093041	-363.9907874819
2020-01-14 12:00:00	-521.2272050898	812.8418020452	-736.2294557595	-367.1860763306
2020-01-14 18:00:00	-521.8512838553	806.2527646704	-716.0707049237	-378.379030811
2020-01-15 00:00:00	-509.0934409227	805.5882510912	-690.440733193	-401.8541651423
2020-01-15 06:00:00	-497.6912651032	809.5243135047	-655.318799254	-427.343294213
2020-01-15 12:00:00	-478.9368913199	813.5996768841	-619.5049096344	-440.5323803067
2020-01-15 18:00:00	-461.0836138404	819.2881315548	-590.376110377	-464.901844183
2020-01-16 00:00:00	-443.9954483788	828.3017393793	-537.3885118735	-544.0909981696
2020-01-16 06:00:00	-417.8321330394	837.7809117697	-475.4952873702	-588.6217862118
2020-01-16 12:00:00	-390.6671008533	850.3611967447	-582.8945475614	-606.5857447005
2020-01-16 18:00:00	-364.0985649028	868.6355236857	-564.1732410232	-603.1075297726
2020-01-17 00:00:00	-364.8628749657	870.3726562208	-506.6192746942	-639.1423239869
2020-01-17 06:00:00	-364.6314819027	872.7296783811	-366.4106300992	-845.5018415943
2020-01-17 12:00:00	-362.0981182905	878.9274427258	-568.0714183755	-692.4683562977
2020-01-17 18:00:00	-354.6981171416	883.2699451463	-560.9957095452	-670.8851000742
2020-01-18 00:00:00	-351.0058555785	887.4344095352	-536.2305486379	-677.780649718
2020-01-18 06:00:00	-343.9043329372	897.2833022395	-453.0365934852	-741.0585449846
2020-01-18 12:00:00	-332.5026193943	899.3033144602	-414.5467250389	-779.9494716407
2020-01-18 18:00:00	-331.2460800631	904.8033872277	-362.3698396115	-832.1314361537
2020-01-19 00:00:00	-342.6539912568	909.7470504309	-362.886402946	-835.9457723255
2020-01-19 06:00:00	-354.0876351669	903.4746905294	-415.0935521221	-833.022753405
2020-01-19 12:00:00	-366.8196904932	894.4405995323	-416.0002293692	-852.4399910575
2020-01-19 18:00:00	-363.6677187872	893.9365565783	-449.3322385538	-827.0729949739
2020-01-20 00:00:00	-364.6210960385	896.6372735438	-539.0398022339	-754.2207785363
2020-01-20 06:00:00	-378.6680586766	888.9435896341	-561.1610394821	-721.5333364002
2020-01-20 12:00:00	-385.2940204004	885.2447573574	-583.1880344362	-693.9030988577
2020-01-20 18:00:00	-373.5851825522	889.7690447944	-575.9063638728	-684.5681533666
2020-01-21 00:00:00	-364.6491966867	893.2361744685	-561.0326063442	-680.036728114
2020-01-21 06:00:00	-361.4172005225	895.7617550329	-538.9692615222	-677.4047790407
2020-01-21 12:00:00	-357.3990184998	897.3398803197	-510.3066332289	-675.4170239528
2020-01-21 18:00:00	-342.2314453069	897.2893481769	-438.4732053597	-702.5386591509
2020-01-22 00:00:00	-337.2991782236	903.4532937057	-394.9661477217	-801.8335944306
2020-01-22 06:00:00	-336.0337453422	907.65364159	-397.5528259866	-796.4697489766
2020-01-22 12:00:00	-338.4717554376	903.5618402454	-378.231325492	-793.595204684
2020-01-22 18:00:00	-349.9446037684	899.4049570486	-344.1572083507	-806.8423650268
2020-01-23 00:00:00	-354.8008550499	894.6940815761	-330.4446170365	-825.1096333219
2020-01-23 06:00:00	-355.4017303602	896.5191397825	-356.4587428404	-824.2805493477
2020-01-23 12:00:00	-347.8993642032	894.9890328131	-358.5717102445	-819.8907457352
2020-01-23 18:00:00	-338.6777978775	895.1741653074	-354.0533179722	-822.4093586316
2020-01-24 00:00:00	-328.0993712307	896.5289808945	-355.1325222861	-823.5284089412
2020-01-24 06:00:00	-316.2744806523	898.6105894879	-359.6596570609	-824.9343954534
2020-01-24 12:00:00	-295.6587419373	895.7214820589	-366.3804323259	-811.4470822945
2020-01-24 18:00:00	-281.4932191537	898.9479022327	-359.0791298053	-808.5229595728
2020-01-25 00:00:00	-266.4036347347	902.1889373617	-348.6743943978	-802.0996384471

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2020-01-25	06:00:00	-243.2985283132	901.0946467202	-337.1205998955	-795.9828167129
2020-01-25	12:00:00	-226.6256651422	904.6490793179	-321.5423440728	-791.9979857369
2020-01-25	18:00:00	-1414.6148434817	116.6907197533	-303.7934803271	-790.8610944701
2020-01-26	00:00:00	-1311.2003683096	144.1221984827	-279.3908274763	-787.2544267274
2020-01-26	06:00:00	-1210.1457697579	144.8471204829	-259.0142270036	-788.5121650777
2020-01-26	12:00:00	-304.0371761408	-788.7586736958	-232.3411360292	-786.2268544158
2020-01-26	18:00:00	-283.1047306594	-787.9819462899	-204.3727609427	-783.915547293
2020-01-27	00:00:00	-252.3750677446	-785.1640946155	-174.8118432444	-781.5722656681
2020-01-27	06:00:00	-225.9026886758	-785.0584184897	-145.9025395599	-783.4119790599
2020-01-27	12:00:00	-191.0988954303	-783.2150998011	-110.3254888053	-779.533457891
2020-01-27	18:00:00	-159.4216162972	-787.5995355426	-74.9365340099	-783.0568074386
2020-01-28	00:00:00	-119.1641526292	-785.1552935403	-34.8491067493	-787.0594517186
2020-01-28	06:00:00	-81.2054436235	-792.4806597429	4.8334520773	-792.7560331715
2020-01-28	12:00:00	-35.5456558685	-808.7295093381	47.9777651688	-802.3141096374
2020-01-28	18:00:00	38.2485642971	-826.9204047615	128.016346818	-808.593852545
2020-01-29	00:00:00	86.3380387849	-832.3229837183	196.3218520247	-806.2813201749
2020-01-29	06:00:00	144.7595911151	-834.337343009	249.176386414	-812.8325457845
2020-01-29	12:00:00	189.4273018503	-847.2322857892	331.1135658497	-813.8778549918
2020-01-29	18:00:00	268.891737938	-839.2959390792	386.6187418012	-796.2243057284
2020-01-30	00:00:00	317.7945441553	-836.927683004	415.0186060132	-795.8795191745
2020-01-30	06:00:00	357.4043331213	-836.8082937833	431.263634299	-804.6040341185
2020-01-30	12:00:00	385.1258876521	-834.4816637082	567.5064361856	-753.7154465305
2020-01-30	18:00:00	403.4527004073	-839.7171684462	627.1753545918	-698.6915452504
2020-01-31	00:00:00	414.2243946753	-844.63494426	641.5548946172	-705.6014919152
2020-01-31	06:00:00	421.2854036697	-851.5883074928	648.4961122162	-710.2662967223
2020-01-31	12:00:00	422.8802580624	-858.0066269599	647.2348690972	-717.7338671058
2020-01-31	18:00:00	nan	nan	638.0410652185	-735.9992749629
2020-02-01	00:00:00	nan	nan	628.513416194	-748.6992829847
2020-02-01	06:00:00	nan	nan	615.1672679735	-760.7442429292
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2020-02-01	18:00:00	nan	nan	nan	nan
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2020-02-05	12:00:00	nan	nan	nan	nan
2020-02-05	18:00:00	nan	nan	nan	nan
2020-02-06	00:00:00	nan	nan	nan	nan
2020-02-06	06:00:00	nan	nan	nan	nan

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2020-02-06	12:00:00	nan	nan	nan	nan
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2020-02-16	18:00:00	nan	nan	nan	nan
2020-02-17	00:00:00	nan	nan	nan	nan
2020-02-17	06:00:00	nan	nan	nan	nan
2020-02-17	12:00:00	nan	nan	nan	nan
2020-02-17	18:00:00	nan	nan	nan	nan
2020-02-18	00:00:00	nan	nan	nan	nan
2020-02-18	06:00:00	nan	nan	nan	nan
2020-02-18	12:00:00	nan	nan	nan	nan

20200127_PSP4_ConsensusTarget

2020-02-18	18:00:00	nan	nan	nan	nan
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2020-02-19	12:00:00	nan	nan	nan	nan
2020-02-19	18:00:00	nan	nan	nan	nan
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2020-02-26	18:00:00	nan	nan	nan	nan
2020-02-27	00:00:00	nan	nan	nan	nan
2020-02-27	06:00:00	nan	nan	nan	nan
2020-02-27	12:00:00	nan	nan	nan	nan
2020-02-27	18:00:00	nan	nan	nan	nan

20200127_PSP4_ConsensusTarget

lon(GONG)	lat(GONG)	elon(GONG)	elat(GONG)	lon(HMI)	lat(HMI)
12.0141860726	-28.578356008	10	10	17.7579605556	26.3846358044
10.0628211404	-28.2500027491	10	10	17.4697153081	26.9954552721
6.9914672143	-28.4816077638	10	10	17.1059255213	28.5194788088
4.5128758627	-28.6423586495	10	10	5.1474327829	54.4348351353
1.6661110466	-29.1726677737	10	10	2.9660415937	54.6289045523
0.869110933	-29.7562200237	10	10	0.9963032152	54.8791337722
356.5313873728	-31.0534419319	10	10	356.509955253	55.4631073029
354.1069032186	-31.5943459992	10	10	352.9979159071	55.8651693105
352.6578261396	-31.9639991797	10	10	347.4843284357	57.9351701533
351.4689678682	-32.2448472053	10	10	338.351476628	58.5265366098
350.4483268581	-32.4044997359	10	10	330.8585081245	57.7858824751
349.4541414188	-32.7647707426	10	10	321.9429011937	53.8841510076
348.6150359681	-32.9914769463	10	10	319.8217627013	50.1439281936
347.9817472258	-33.1234573491	10	10	316.2026871287	49.0965153208
347.5716892646	-33.5274867883	10	10	309.5480737073	39.4923919461
347.1829221231	-34.0052461916	10	10	308.157682036	35.3562296441
346.8440161903	-35.0093550764	10	10	304.0809013673	30.5138950468
346.4223101142	-36.4622489591	10	10	302.6437685476	28.8415121559
316.0646746979	2.7366424664	10	10	301.4620602044	27.748106637
303.330441811	58.589446329	10	10	300.1362258603	26.9351963778
301.7856601735	58.0364923841	10	10	299.0566454838	26.0417313617
299.9624812948	57.6014399795	10	10	297.8282360816	25.4239953055
294.3258662702	43.2580982663	10	10	296.1280463963	24.6062912097
294.0485166518	42.8549883854	10	10	294.1562808965	23.4852315286
293.4290421883	42.6847828877	10	10	292.5201070061	22.8527163879
292.8051985089	42.9423294598	10	10	291.0608363501	22.4050957149
292.2498189904	43.4919734595	10	10	289.5998781335	22.1044917395
291.4153057784	44.8159779685	10	10	287.3999872257	21.8407399491
291.2117436367	59.9186654261	10	10	285.5107471883	22.5228990788
288.1620246463	60.6112703357	10	10	283.8923084785	23.2871632603
284.8376574047	61.489167868	10	10	282.258095785	24.3150685514
281.2187297524	63.309842437	10	10	280.7205737831	25.5140353535
275.1476590875	63.698685696	10	10	278.9864793877	26.4168589182
269.4633214699	64.2303308184	10	10	275.0446307704	27.7470235413
264.5212783231	63.3498720124	10	10	273.7700267084	29.4244696928
259.8596777034	63.3793768493	10	10	272.9973543571	35.6157896878
254.8783436826	63.4910646401	10	10	270.8959738261	37.9903069808
249.3652487659	63.1822030413	10	10	267.8118959356	41.3462191123
244.7763009491	62.6378481483	10	10	265.3179587048	42.8502847944
240.9235398753	62.7324449881	10	10	263.8854537199	46.276007713
236.580640679	62.9131522365	10	10	261.2104991681	50.1798683265
232.1768113085	62.8311890899	10	10	255.9714038581	53.5327214982
228.1759542972	62.7396354661	10	10	232.4381415521	2.0372364047
223.7672765149	62.3365658252	10	10	216.2217341981	-26.0717751319
219.3940776114	62.1065025782	10	10	213.867946106	-24.3776985212
216.3390981694	61.3619432015	10	10	211.9100029568	-23.3782981509
212.9227193929	61.1219812667	10	10	210.7784504873	-23.0802542498
209.4075856862	60.3568363608	10	10	209.9915728782	-22.7040400785

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205.7940772906	60.0031335023	10	10	209.0099848067	-22.5223267802
201.9907989025	59.5874014143	10	10	207.9074765764	-20.985850405
197.6034234456	58.6165084318	10	10	200.618333861	-22.3721708067
194.5261015264	57.2620630687	10	10	199.4441684482	-23.222113931
192.2748181686	56.2486611395	10	10	198.913829617	-23.6825860454
190.2264985105	55.1597358892	10	10	198.2586670769	-24.0999876965
188.5737206315	54.0362388832	10	10	197.3712059738	-24.5546697143
187.4392712369	53.1892533331	10	10	195.7944949076	-25.3841497794
186.4226498704	53.1886582116	10	10	194.5821228012	-26.9198621416
185.3933895262	53.2355395742	10	10	193.730950092	-28.7366131335
184.1782602894	53.7390706045	10	10	192.9617823872	-29.909578906
183.0985532392	54.1788698825	10	10	191.6814567852	-31.5601818376
181.9350021236	54.6937512431	10	10	189.9728038729	-37.0657362789
180.8633875413	55.7537609498	10	10	190.3961189573	-40.4987444065
179.4302610145	57.1674320152	10	10	174.3380543081	-41.2344729471
176.5125152254	59.425125874	10	10	173.942342323	-40.9701409592
171.445644469	60.1685018238	10	10	174.7421787364	-43.7939880499
168.0090487418	60.3089418814	10	10	163.7411738072	-62.2554886451
164.6611339458	60.6839980774	10	10	154.9045733988	-47.4043051795
160.3365502418	61.7178452426	10	10	154.6984541359	-46.0348215214
156.7921409587	62.1800843629	10	10	154.4902153407	-46.5863730518
153.1466952461	63.0622581634	10	10	154.1665364167	-52.4964485187
148.7810781682	64.2683881295	10	10	151.7726445079	-55.8192710792
143.8054882049	65.0248662835	10	10	147.5481999629	-61.0638765342
137.5009081632	65.2547037671	10	10	141.9931549664	-61.8629985462
131.2635804332	65.1275006408	10	10	131.592215089	-60.5255705769
127.4352483015	64.2322800504	10	10	118.325636992	-62.8480085122
125.5518617197	64.0580480661	10	10	117.6150952978	-59.9233658238
120.1317769516	64.5966926553	10	10	116.3602195479	-52.4965674482
116.6528642483	63.5732665329	10	10	114.8069954893	-49.8531737952
115.2561965517	62.5771901988	10	10	112.5480021714	-47.5086332739
113.5215207422	63.0041867239	10	10	111.7586359862	-46.8922470301
111.23812082	63.3784673295	10	10	111.1640501561	-46.7122555224
108.4566584287	63.5034246399	10	10	110.794503535	-46.8276264341
106.012211744	63.552628364	10	10	110.8279446551	-47.1034189964
103.9750708015	64.1733102482	10	10	113.690682984	-49.7275609923
101.1057438116	64.5302861943	10	10	103.8635599506	-58.4554309768
97.3863896548	64.8508183809	10	10	101.8348371645	-57.6953291677
92.7677397238	64.9773859398	10	10	101.0778559155	-57.9040355214
89.322320977	64.1566075519	10	10	100.5106513414	-59.5170979281
86.6951919325	63.511965952	10	10	96.453689389	-61.3266036359
85.1832555221	62.9484432104	10	10	90.1077140756	-60.6820603509
83.7944932722	62.7598414576	10	10	86.8649903047	-60.4026716131
82.668957346	62.6044765965	10	10	83.9381169065	-60.6479702953
81.6947655614	62.4737192884	10	10	80.6031762859	-60.6284108448
80.8117595524	62.3661309965	10	10	74.7372906062	-61.2614148145
80.1771899595	62.6588744211	10	10	73.1615258529	-59.8522771856
79.4612167329	62.5979214255	10	10	72.2393270638	-59.3695958214
78.7582516224	62.5502697151	10	10	71.2660259796	-58.9437592036

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78.4188629633	62.8707538593	10	10	70.3756494219	-58.5044656948
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69.7703231319	-1.3486335706	10	10	68.81181879	-58.2446354911
69.2912617409	-1.498583413	10	10	68.5234503251	-58.0765185436
58.7992178458	-58.3112551006	10	10	68.3499316263	-58.2306534529
58.6414876975	-58.1522139407	10	10	68.342635803	-58.3364289216
59.0633270713	-58.3183586706	10	10	68.5265186995	-58.3858285737
59.2709936564	-58.2226277949	10	10	68.9510927848	-58.0329380666
59.9413547345	-58.4841832997	10	10	69.4627453143	-58.3819841672
60.5942767813	-58.4496793143	10	10	70.2126120266	-58.4632822728
61.6881888988	-58.8688359284	10	10	71.3371383903	-59.0995272032
62.6200358765	-59.5276981689	10	10	72.5751634715	-59.6168880141
64.3832596133	-61.3572161398	10	10	74.4879910707	-60.7674340136
70.3618168131	-63.0452428199	10	10	81.2060845661	-61.2403009277
73.7745293406	-64.0205142944	10	10	86.1793681886	-60.5799010307
78.6245878496	-64.0498993196	10	10	90.5707961629	-61.0766018316
82.7800547996	-65.020040218	10	10	99.1070358981	-60.6122800465
91.2465053962	-64.0251683846	10	10	101.135221485	-58.4091863871
94.936161984	-63.1327061382	10	10	102.3412662131	-58.1187647323
97.5542889456	-62.4213513237	10	10	104.3672805976	-58.8645897438
99.4792730776	-62.0458699507	10	10	114.8269530888	-52.5132536226
100.5420022578	-62.0792155058	10	10	112.1376652188	-47.7590959739
101.555526489	-62.3832327098	10	10	111.9400649045	-47.6805246407
102.7424921725	-62.8202270818	10	10	112.3454534481	-47.7815827642
104.0455317683	-63.3886696054	10	10	113.1316256969	-48.2309571125
116.1525984866	-3.5172211938	10	10	114.0102591093	-49.3010721445
117.4156804016	-3.3834978743	10	10	114.6854017299	-50.035395813
118.3953030976	-3.2297146608	10	10	115.2905437445	-50.7953727781
119.0949502827	-3.3654619724	10	10	115.7949739597	-51.3859833547
117.1562474866	62.9743429308	10	10	115.7905266268	-51.5839830309
117.2785603756	63.3300907308	10	10	116.1547217534	-51.7110588724
117.2311700184	63.523728894	10	10	116.0736174195	-51.6668711468
117.0203876841	63.6239107469	10	10	115.9555981647	-51.5090117683
116.9260374392	62.8406199586	10	10	115.7923669002	-51.2076179749
116.5008297087	62.8787550684	10	10	115.1212375261	-50.4884533539
116.031465305	62.9284226002	10	10	114.8023560481	-49.8698273426
115.8719600468	62.2065925655	10	10	114.0379511402	-49.1684641166
115.3534986107	62.4116891445	10	10	113.1552441829	-48.1842995803
114.7407476226	62.7167513642	10	10	112.6591031298	-47.5869658878
114.0155060479	63.0596771197	10	10	112.1035037023	-47.3216161746
113.3558013343	62.6668093186	10	10	111.8035795722	-47.1146082675
112.226932716	63.0146370387	10	10	111.4852164097	-46.9952619046
110.908947673	63.2936647743	10	10	111.3812153843	-47.0031361805
109.3323474468	63.4768796335	10	10	111.0233085952	-46.9796206333
107.7026930916	63.5860238199	10	10	110.923626702	-47.0718933668
106.2376584702	63.6979557655	10	10	110.8629720857	-47.2661275245
104.9250666762	63.8217955485	10	10	111.6714596194	-47.8190046325
103.4384035288	64.0025229591	10	10	108.1527591745	-59.4029680273

20200127_PSP4_ConsensusTarget

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95.5976692817	64.8690638832	10	10	101.6529375757	-57.8452014134
91.9692211664	64.9147841061	10	10	101.1742898496	-58.2375792334
89.1273747217	64.2904795106	10	10	100.1646681919	-59.5660896232
87.0828657189	63.4284204174	10	10	97.0552556883	-61.3092174179
85.2833138625	63.1869728336	10	10	90.7366277597	-60.8702822851
84.0964632525	62.7664331713	10	10	87.4341731231	-60.4803245873
82.8846466883	62.6670325942	10	10	84.715108936	-60.466829794
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80.8116823403	62.569321226	10	10	74.9697587642	-61.1324462782
79.8346306312	62.5759817865	10	10	72.932545489	-59.6962809418
78.8274827241	62.623208615	10	10	71.5326881968	-58.9065064755
77.7222787685	62.7371260348	10	10	70.0601722421	-58.1976631399
76.8220082406	63.3409388894	10	10	69.71179935	0.6317973749
75.173932955	63.8087291482	10	10	50.9042210084	59.4411346677
73.1182634497	64.3256841817	10	10	49.1012865241	58.6191523237
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59.4785753089	0.3674222094	10	10	45.2932778674	57.4032202268
57.0995053629	0.9489068984	10	10	43.22679818	57.0664031477
28.9777578967	-53.9219770694	10	10	41.1014296756	56.6935177164
29.0950666102	-32.7267574811	10	10	38.8283479415	56.2650816506
28.7043589209	-32.090985968	10	10	36.2402611631	54.958808172
28.2651684321	-31.4616371438	10	10	34.3219661761	53.3298469846
28.0879715319	-31.1931062201	10	10	32.9095481029	49.5795161004
27.8634867529	-30.9543485229	10	10	32.4057514895	42.6666936854
27.6680996873	-30.7381273269	10	10	31.5749760647	41.5339810975
27.5404195748	-30.6812283043	10	10	30.752016042	41.1573505107
27.3866810907	-30.6319460877	10	10	18.759556038	27.8827194838
27.2389586148	-30.610372609	10	10	18.5216265654	26.834611368
26.8466915547	-30.7346820912	10	10	18.5086310078	26.6469303624
26.1568123071	-30.9863468003	10	10	18.3826315661	26.5008805276
18.0661715178	-31.4901276291	10	10	18.1677213222	26.3421849102
13.9552633847	-29.7580693245	10	10	17.9203805851	26.1746791699
11.7104439222	-28.6638611959	10	10	17.7275585022	26.4244994383
10.1554048093	-28.4571484544	10	10	17.4897613294	26.8829586565
7.7066816907	-28.6929524794	10	10	17.2141684774	28.0275140937
5.4987390776	-28.7638439911	10	10	3.5855593533	51.8429631786
2.823556779	-29.1339717826	10	10	4.4916790678	54.4753450805
1.1786256441	-29.4734441992	10	10	2.4041740982	54.5102626385
0.6805286837	-29.908283982	10	10	0.9091388098	55.185458469
356.8448008047	-31.139788433	10	10	357.3395828312	55.2081709309
354.6300881707	-31.5790280084	10	10	354.3059862495	55.5625830725
353.3515409425	-31.8815088571	10	10	351.2056153215	56.5323465956
352.2780934732	-32.1569245546	10	10	345.1525373605	58.1443542119
351.3527458049	-32.3644203053	10	10	337.3581130762	58.78280133
350.5264018436	-32.4892718377	10	10	331.4332470928	57.7719111348
349.6879557409	-32.8555954311	10	10	323.2616734794	55.6648549579
349.0040097064	-32.8096992372	10	10	320.735682911	50.8297094743

20200127_PSP4_ConsensusTarget

348.388480161	-33.0016257772	10	10	318.64745647	49.3256822178
347.9056179252	-33.1636489552	10	10	314.1027091458	48.0296394416
347.5527342721	-33.5862030299	10	10	309.4062726304	38.8341187554
347.2328992806	-34.0454081835	10	10	308.2992927634	35.2684077585
346.9334510687	-34.7786280696	10	10	304.7602342713	30.9129536651
346.6058332987	-35.7550509432	10	10	303.1645751627	29.1880365669
346.2538516295	-37.4690821718	10	10	302.2579282545	28.1676054051
345.2801164879	-41.0741932911	10	10	300.9429242766	27.3823426955
312.7049003891	1.40406152	10	10	300.0423586372	26.5657989764
301.9119157035	58.0850553531	10	10	299.1450572342	25.8801632415
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294.5414873231	43.674256542	10	10	296.7755120218	24.7312918054
294.2188506819	42.8526415679	10	10	295.194181976	23.8777877222
293.8299708056	42.597159375	10	10	293.6115531433	23.0385151547
293.3370467184	42.5355545769	10	10	292.1712359483	22.5222005622
292.8372896303	42.7647634867	10	10	291.0414458886	22.2770919691
292.328484107	43.2557328238	10	10	290.0459586903	21.9096541038
291.5544210203	44.2474439796	10	10	287.9845364894	21.6693501761
293.0343803207	59.0032167823	10	10	286.4069016774	22.0644702531
289.716253333	59.9898326471	10	10	284.8983354517	22.6234101926
287.4889805678	60.8708099089	10	10	283.4843787435	23.4453642876
284.430401356	61.7988117668	10	10	282.0741527198	24.3735857973
280.8289165029	63.0556168796	10	10	280.6876697601	25.397930784
275.7012783146	63.9199493241	10	10	279.2494949217	26.1967417851
270.9975098281	64.4238159618	10	10	276.1677266123	27.4243572696
265.9720559748	63.6614737621	10	10	274.1303382433	28.5810489125
261.9753181699	63.6681849643	10	10	273.5122620186	30.6186109628
257.6565451783	63.8142147697	10	10	272.1501303059	36.576720314
253.1047237968	63.8704718911	10	10	270.0975297894	38.6832977247
248.0792119424	63.4214114808	10	10	267.2425862616	41.3953289333
244.4045496748	62.3745120254	10	10	265.1777102501	43.0696671771
240.9417135827	62.4881330031	10	10	263.9268641781	46.0257314593
237.0548285753	62.6817319072	10	10	261.6945992465	49.5302852746
233.1040765638	62.6849266988	10	10	257.1834611046	52.9642676834
229.3709943006	62.5895273	10	10	233.4595262894	1.8150698405
225.5246768687	62.3975760813	10	10	216.6163920914	-26.430475314
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20200127_PSP4_ConsensusTarget

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