

20200202_PSP4_ConsensusTarget

date	time	Tx(GONG)	Ty(GONG)	Tx(HMI)	Ty(HMI)
2020-01-01	00:00:00	-319.4066534333	883.5891915713	-601.7421588604	-439.5448892795
2020-01-01	06:00:00	-326.2789380657	883.4136302284	-564.1318118442	-437.5812241103
2020-01-01	12:00:00	-331.3638346789	881.5657509082	-650.1388495462	-645.8400906052
2020-01-01	18:00:00	-332.6434810536	885.8032183992	-660.6185382032	-620.4577910668
2020-01-02	00:00:00	-334.5359776102	889.3994450175	-652.4985554244	-612.0345405371
2020-01-02	06:00:00	-334.845539222	895.0605204041	-636.4338294193	-610.6589985959
2020-01-02	12:00:00	-335.0019781189	898.1285074289	-625.8674276138	-603.931847197
2020-01-02	18:00:00	-357.2091401808	896.249621032	-599.2463485664	-603.6707164211
2020-01-03	00:00:00	-381.1517254889	881.7194171999	-575.3645205216	-605.3774898472
2020-01-03	06:00:00	-394.1915748324	872.8331024911	-547.3456925005	-611.8288742528
2020-01-03	12:00:00	-391.8824059698	869.99683212	-2002.093114835	205.9491651027
2020-01-03	18:00:00	-379.4643058155	874.5419687175	nan	nan
2020-01-04	00:00:00	-358.517122518	884.4809942366	nan	nan
2020-01-04	06:00:00	-358.9514470832	887.8859654714	-840.2903392122	511.797496901
2020-01-04	12:00:00	-371.6119592101	890.5807969493	-857.1404381157	479.526466507
2020-01-04	18:00:00	-369.305135488	885.9473489251	-862.0523023431	457.7095698712
2020-01-05	00:00:00	-373.2780220592	885.5670142207	-867.934653745	441.8904800417
2020-01-05	06:00:00	-374.2965501496	885.3276718244	-865.4832111443	426.0846945745
2020-01-05	12:00:00	-391.5655266687	886.5544535312	-861.2874765764	414.1438157756
2020-01-05	18:00:00	-396.0653100458	881.7916385549	-858.9008184867	405.0644713127
2020-01-06	00:00:00	-399.1426142456	876.7791342086	-849.5297908178	393.0848818676
2020-01-06	06:00:00	-409.9658997022	875.7951950553	-847.3010342475	388.2412043762
2020-01-06	12:00:00	-407.1098091921	871.7801062007	-837.5159630084	382.3071556502
2020-01-06	18:00:00	-412.3867075066	873.4277532315	-826.3426731576	379.1007699571
2020-01-07	00:00:00	-406.464869855	872.0756901837	-807.7325380654	374.3513408769
2020-01-07	06:00:00	-400.581452291	871.8923711363	-798.4949831518	374.8086667337
2020-01-07	12:00:00	-393.9866895881	872.7868471157	-780.4627817818	375.8725621843
2020-01-07	18:00:00	-387.1262407897	875.5419690573	-764.0525136848	380.4882960206
2020-01-08	00:00:00	-371.5243979399	875.2707371783	-740.322576765	387.0471267019
2020-01-08	06:00:00	-364.8321247909	882.1495039955	-718.6639588752	396.6009867868
2020-01-08	12:00:00	-349.1512874472	885.9534734067	-707.3953694762	412.9946514488
2020-01-08	18:00:00	-344.4833154306	894.1330944641	-681.1339427405	423.4165780575
2020-01-09	00:00:00	-332.6506062238	898.8076564997	-662.2072446086	445.0781920201
2020-01-09	06:00:00	-2117.653292296	177.2319324288	-650.3955994637	468.7942849763
2020-01-09	12:00:00	-2112.9645437866	195.0273930262	-638.4761699659	487.9353325249
2020-01-09	18:00:00	-2119.8509332244	196.7097321761	-617.4532620322	500.8821733338
2020-01-10	00:00:00	-2125.2237705046	198.1061447174	-592.8688526894	521.6187566181
2020-01-10	06:00:00	-2129.723657429	199.1773049102	-547.7283809574	562.3524938711
2020-01-10	12:00:00	-2133.7165301652	199.9321814226	-531.9105662042	633.7788878641
2020-01-10	18:00:00	-2137.4215039078	200.4840381396	-532.2857099732	643.9724982012
2020-01-11	00:00:00	-429.4418401064	-845.2719022826	-519.8650607676	646.4146556995
2020-01-11	06:00:00	-462.3647382122	-838.7008093351	-478.9589278665	670.143755097
2020-01-11	12:00:00	-509.1810235851	-812.871992124	-420.3083546206	729.7928940069
2020-01-11	18:00:00	-642.7477850909	-724.5956416099	-413.45856084	787.0754307274
2020-01-12	00:00:00	-854.4024793245	-408.0791716172	-409.0131550373	804.1317599525
2020-01-12	06:00:00	-846.8961231124	-386.6839068925	-398.1193794305	813.6911430098
2020-01-12	12:00:00	-839.1891678728	-380.9738485443	-384.4678699735	830.1479133651
2020-01-12	18:00:00	-828.1851719841	-380.491615034	-369.9732289643	849.9805421284

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2020-01-13	00:00:00	-813.6121965039	-381.5438298504	-354.2899581918	869.5033181605
2020-01-13	06:00:00	-804.4918058328	-390.5153687598	-346.1933800897	886.5256008859
2020-01-13	12:00:00	-796.6998060313	-407.4518140781	-356.6064973497	891.9329978608
2020-01-13	18:00:00	-783.3066765685	-407.8548910035	-405.7005712399	881.3683442469
2020-01-14	00:00:00	-769.6619881336	-409.657798591	-445.9869414424	867.2237064004
2020-01-14	06:00:00	-2162.9097038645	191.6261528784	-489.3124878793	839.5783152318
2020-01-14	12:00:00	-2158.5017094228	187.8018475057	-549.8510227904	798.0889243099
2020-01-14	18:00:00	-2162.1916738034	169.2445371116	-590.0808494203	755.215566532
2020-01-15	00:00:00	-469.0626375601	848.1252202073	-587.4058623142	752.6656951561
2020-01-15	06:00:00	-464.433418524	844.5157465541	-576.2319884542	755.7743873669
2020-01-15	12:00:00	-457.524136221	843.0880015617	-567.2228077922	759.8041984268
2020-01-15	18:00:00	-448.3056837614	844.7658407512	-555.6462855786	765.2949878747
2020-01-16	00:00:00	-439.6584158139	849.6268953727	-534.150048912	772.6719841749
2020-01-16	06:00:00	-423.1401836087	851.8461479738	-513.6895281721	782.8611959194
2020-01-16	12:00:00	-407.6478892558	856.1447687748	-490.7951234584	793.3896284299
2020-01-16	18:00:00	-392.0761924346	865.0194303156	-468.159836015	809.7114492169
2020-01-17	00:00:00	-374.4653561099	877.0982508131	-448.008674151	825.5352435333
2020-01-17	06:00:00	-351.1308888234	888.7916759536	-435.2198634541	832.9792372327
2020-01-17	12:00:00	-358.820079779	894.464469215	-432.5630420542	843.0315848451
2020-01-17	18:00:00	-361.3850420804	897.034399676	-422.5403180984	844.5004778646
2020-01-18	00:00:00	-354.9045844649	895.234084868	-414.3164877305	851.2900385351
2020-01-18	06:00:00	-359.0208520757	896.4856387973	-402.3317603557	855.1922948576
2020-01-18	12:00:00	-361.8743944748	896.6616963164	-397.9728723057	859.8571034132
2020-01-18	18:00:00	-363.2183060579	899.9395063545	-391.3617160686	864.1695196042
2020-01-19	00:00:00	-371.5253810976	899.218166443	-380.9853532226	864.3677596789
2020-01-19	06:00:00	-381.1538040375	898.4149922173	-2138.0136832788	177.1959203576
2020-01-19	12:00:00	-386.1244147746	891.0591968986	-746.3499877052	-603.3810855477
2020-01-19	18:00:00	-2131.9650597382	154.9779333183	-787.2910491477	-537.6047189195
2020-01-20	00:00:00	-2118.6502265327	175.9816093501	-786.8212520534	-525.4725953407
2020-01-20	06:00:00	-764.8327704899	-544.2661996208	-782.0666504246	-516.904118263
2020-01-20	12:00:00	-757.792106919	-532.3241941905	-765.1245427083	-506.1068680088
2020-01-20	18:00:00	-740.5399615215	-518.6674113779	-755.9231134215	-493.8725987252
2020-01-21	00:00:00	-732.2443630763	-515.8242240514	-786.7123875471	-413.8307892315
2020-01-21	06:00:00	-709.1671457652	-506.619197537	-843.4487660991	-341.1243141939
2020-01-21	12:00:00	-695.0105824647	-503.591599926	-824.9046696476	-327.1714961483
2020-01-21	18:00:00	-672.453261157	-499.8070462493	-803.3373708939	-323.3887320617
2020-01-22	00:00:00	-641.4300620891	-496.1473452922	-789.7548737472	-329.9850216379
2020-01-22	06:00:00	-619.1631441829	-499.4210855273	-771.5377334659	-328.6688598248
2020-01-22	12:00:00	-589.3607541849	-505.054688841	-746.0274212989	-326.075355211
2020-01-22	18:00:00	-553.5897483991	-514.5670168368	-719.5828882845	-324.6110724578
2020-01-23	00:00:00	-507.3785907235	-550.5296168443	-686.8439531953	-323.8124537952
2020-01-23	06:00:00	-497.2048791633	-649.9065305062	-661.3924678508	-362.5088468705
2020-01-23	12:00:00	-493.1182549528	-654.1346992587	-634.1664845631	-386.8723001112
2020-01-23	18:00:00	-472.058897088	-652.0444370744	-597.5199387826	-457.8837935405
2020-01-24	00:00:00	-450.8403783722	-654.6516518564	-562.4974058482	-462.113987033
2020-01-24	06:00:00	-428.7673938668	-659.4084169212	-551.8604260953	-504.3641916455
2020-01-24	12:00:00	-397.2171597152	-664.7367395085	-583.2557571547	-493.4873780235
2020-01-24	18:00:00	-364.0768546518	-676.2496806704	-553.8382282089	-482.6882020983
2020-01-25	00:00:00	-331.0411589986	-689.8084084946	-525.666608436	-482.3214562387

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2020-01-25	06:00:00	-298.3373179978	-703.1082160572	-536.9519527077	-496.5845597546
2020-01-25	12:00:00	-248.436443666	-726.3417845922	-508.1213500786	-491.7680055353
2020-01-25	18:00:00	-197.1867751782	-779.7470777858	-471.2313118689	-486.1872347666
2020-01-26	00:00:00	-175.306414007	-793.7701813621	-440.1030258196	-483.6384741006
2020-01-26	06:00:00	-159.2354642004	-799.3849320262	-401.4653728106	-480.0944572899
2020-01-26	12:00:00	-134.038466631	-801.0799819108	-359.8384306654	-477.3887800298
2020-01-26	18:00:00	-104.6735153138	-799.7116794909	-315.3028132101	-475.4652106546
2020-01-27	00:00:00	-70.4606539831	-795.0382452498	-273.4513343105	-475.927277623
2020-01-27	06:00:00	-33.564424959	-785.0943604639	-224.1079954859	-475.8596832187
2020-01-27	12:00:00	11.3580070736	-758.0402167802	-174.4915103032	-477.1453972514
2020-01-27	18:00:00	49.4948333581	-697.7861732999	-119.5189142623	-478.5559978
2020-01-28	00:00:00	92.2495488658	-679.656963603	-9.3916115798	-468.4309140533
2020-01-28	06:00:00	140.1608691598	-661.600264709	48.5981269442	-467.5646163671
2020-01-28	12:00:00	192.0510730914	-649.2781413413	132.6293806748	-528.6046063369
2020-01-28	18:00:00	250.6221889113	-637.4185011324	282.9260400421	-445.2866012868
2020-01-29	00:00:00	306.0216362213	-639.1045805028	337.6703910763	-438.5269441944
2020-01-29	06:00:00	374.5296192647	-639.4167932592	397.8347176234	-433.9773926979
2020-01-29	12:00:00	549.5318516599	-534.3576956218	494.0249525839	-354.8622780789
2020-01-29	18:00:00	602.6222918637	-508.7496188445	577.8458225119	-319.0075687636
2020-01-30	00:00:00	646.1378327206	-505.7921124807	623.674424909	-317.957749846
2020-01-30	06:00:00	677.0294063628	-503.0311029151	670.272038708	-324.8530921176
2020-01-30	12:00:00	705.9567465997	-506.3803832788	722.9872929035	-486.8542799095
2020-01-30	18:00:00	732.735366261	-513.9334461815	744.1900540335	-495.9676352669
2020-01-31	00:00:00	751.4008053992	-519.0032098591	766.3709508367	-503.8218694976
2020-01-31	06:00:00	767.2794698553	-526.1947616566	782.2394732423	-510.8215571617
2020-01-31	12:00:00	780.4591551701	-535.0077280571	789.204034604	-514.924916679
2020-01-31	18:00:00	790.4830167011	-545.1638972921	803.3632656582	-523.1930147501
2020-02-01	00:00:00	792.2696413677	-546.9060740913	806.7246719907	-527.4589696462
2020-02-01	06:00:00	795.5906996208	-556.9161727007	815.3348815889	-536.7503701168
2020-02-01	12:00:00	795.5129517094	-565.40548579	812.5266989961	-539.8861679396
2020-02-01	18:00:00	792.7576577037	-570.6045409438	814.0782365431	-547.7874956642
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2020-02-02	06:00:00	nan	nan	nan	nan
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2020-02-02	18:00:00	nan	nan	nan	nan
2020-02-03	00:00:00	nan	nan	nan	nan
2020-02-03	06:00:00	nan	nan	nan	nan
2020-02-03	12:00:00	nan	nan	nan	nan
2020-02-03	18:00:00	nan	nan	nan	nan
2020-02-04	00:00:00	nan	nan	nan	nan
2020-02-04	06:00:00	nan	nan	nan	nan
2020-02-04	12:00:00	nan	nan	nan	nan
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2020-02-05	00:00:00	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
2020-02-06	18:00:00	nan	nan	nan	nan
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2020-02-07	12:00:00	nan	nan	nan	nan
2020-02-07	18:00:00	nan	nan	nan	nan
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2020-02-16	00:00:00	nan	nan	nan	nan
2020-02-16	06:00:00	nan	nan	nan	nan
2020-02-16	12:00:00	nan	nan	nan	nan
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

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2020-02-18	18:00:00	nan	nan	nan	nan
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2020-02-19	06:00:00	nan	nan	nan	nan
2020-02-19	12:00:00	nan	nan	nan	nan
2020-02-19	18:00:00	nan	nan	nan	nan
2020-02-20	00:00:00	nan	nan	nan	nan
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2020-02-25	12:00:00	nan	nan	nan	nan
2020-02-25	18:00:00	nan	nan	nan	nan
2020-02-26	00:00:00	nan	nan	nan	nan
2020-02-26	06:00:00	nan	nan	nan	nan
2020-02-26	12:00:00	nan	nan	nan	nan
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

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lon(GONG)	lat(GONG)	elon(GONG)	elat(GONG)	lon(HMI)	lat(HMI)
25.5785771419	62.6285898103	10	10	26.5668744723	-28.697296355
21.1211149772	62.5923650362	10	10	26.5039192603	-28.7758542005
17.2253594162	62.410763953	10	10	0.6615755371	-42.4368084644
13.9332149063	62.4294832859	10	10	357.7134257385	-40.8176365074
9.2576386795	62.9211472781	10	10	357.2067659875	-40.1518899959
4.5650075968	63.5525106653	10	10	356.0124840241	-40.2461154989
359.0931948446	64.3455886851	10	10	355.322656035	-39.678956779
352.1737294244	63.9179156789	10	10	354.8835681123	-39.9620396603
347.2622303147	62.4678667877	10	10	354.4309640064	-40.1546787242
344.8886354673	61.1395600725	10	10	353.9021852135	-40.7238882526
343.4298544736	60.6339931515	10	10	344.1007526883	2.8513238755
342.0363190944	60.931234443	10	10	306.2090223786	48.0743876286
339.1926692416	62.4354922709	10	10	302.538100709	37.2549652777
332.8382450325	63.4525148909	10	10	301.8386018073	31.1704292662
328.8471687832	62.9110117437	10	10	300.8977962627	28.8510416185
324.1284943173	63.3317760557	10	10	299.9908316419	27.3493778609
319.7022526183	63.3708865535	10	10	299.0377851372	26.08847374
315.9660633609	63.4131569324	10	10	297.9801389278	25.0199864261
311.2315339358	62.7459449518	10	10	297.0987782428	24.1308586476
307.4667755836	62.459851677	10	10	296.0167221081	23.338522422
303.874030607	62.2090854953	10	10	294.7563859899	22.5622439044
300.8291157516	61.4705836935	10	10	293.6407237646	21.9337849029
298.4128762456	61.3034805321	10	10	292.3613886927	21.435782961
296.0387515108	60.7850025545	10	10	291.2074015182	21.0638580217
293.8959375094	60.7829434466	10	10	289.9975083395	20.7773382012
291.8161417887	60.7843828249	10	10	288.7244914305	20.525187074
289.9687250725	60.7782876667	10	10	287.5438486546	20.4792002651
288.1194946289	60.8264651431	10	10	286.2100972668	20.6005332839
286.2396435214	61.3592149057	10	10	284.814196658	21.0276101089
283.9978783198	61.6291650155	10	10	283.2451194042	21.6062087646
281.4093562792	62.5456943781	10	10	281.3290967514	22.3449791083
278.2681221643	63.028815974	10	10	279.608565862	23.1563745313
275.0684040357	63.9329205285	10	10	277.7109619196	24.398276943
263.6633243787	2.0703833111	10	10	274.8280076275	25.8994603346
260.2501146452	2.49010308	10	10	272.1668500608	27.066407332
256.8168273996	2.5153513069	10	10	270.0115390026	28.0494159644
253.3846519221	2.5371927499	10	10	268.2459576907	29.4089606111
249.9532943246	2.5534205602	10	10	267.7654333156	32.0594111192
246.5229106274	2.5634616654	10	10	262.6349514083	37.4104217154
243.0942039637	2.5693917707	10	10	258.9380673921	38.0839589271
232.7704934553	-61.4300485797	10	10	256.715103992	38.2592667806
225.3073453019	-60.0938317751	10	10	256.3072858342	39.962008262
216.9508173024	-57.4767054748	10	10	255.5532898344	44.7226551498
208.9815452306	-48.4003599578	10	10	248.5753294112	49.9474185727
210.0876361095	-25.7448838045	10	10	243.5346863658	51.9250876071
210.3970327995	-24.6296163784	10	10	239.6807814767	53.3511102541
209.5096625688	-24.3640150543	10	10	236.4768850406	54.8497467352
208.3986329108	-24.4399870086	10	10	232.7855119939	56.7690377531

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207.1811959351	-24.6658984415	10	10	228.1508834946	59.1871543855
204.0101839144	-25.3699802007	10	10	221.3625302353	61.7728921134
201.2072528121	-26.422092435	10	10	210.5139080825	63.7722091492
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198.1387276067	-26.8257594554	10	10	192.7022339565	60.4565227054
195.6838019869	2.2739905062	10	10	185.7974452989	57.9476722408
192.3582290075	2.1856943682	10	10	181.3925314356	53.6236157451
189.0756977554	1.7352488815	10	10	182.8354913866	49.0039868969
182.2807039255	57.9732003923	10	10	182.2040170539	48.336129565
180.412631918	57.7645808825	10	10	180.4449412517	48.5776396119
178.8706988082	57.6473291373	10	10	178.6310039233	48.7443474074
177.6087528654	57.6547395486	10	10	177.0761425361	48.9989387658
176.2626336409	57.7205965213	10	10	175.4858395383	49.8530602534
174.7987891034	58.1993629243	10	10	173.7658407721	50.8078271612
173.3839460096	58.6561355848	10	10	172.450619057	51.7673108093
171.7978414213	59.3116949587	10	10	171.0280889521	52.9615676554
169.5105035427	60.4624362962	10	10	168.3794277281	54.4898324891
165.9454365881	62.4772067418	10	10	164.8515659768	55.6373674638
160.359654095	62.8882922354	10	10	161.1649971935	56.2865770315
155.8628192278	63.1672176091	10	10	157.797170918	56.9970501757
151.0944624933	63.980934125	10	10	155.2866197883	57.437582006
146.3734089252	64.1439648437	10	10	152.1226902887	58.2889427788
142.1684588253	64.2081867442	10	10	149.2247840386	58.5645732801
137.4359106872	64.5702295466	10	10	146.8845655896	58.7588358583
132.205428778	64.4963260987	10	10	144.4657755076	59.1123971732
127.2642148506	64.2579569089	10	10	130.8883983142	1.6272067612
122.1671961965	64.1481340103	10	10	107.4446176502	-39.1404526101
124.9225189588	1.0293620509	10	10	106.4841345214	-34.5218037542
121.9979479221	1.4851976662	10	10	105.7400943178	-33.8172834019
105.1610779978	-35.253338344	10	10	105.2838442246	-33.3503727988
104.8422212664	-34.6224336736	10	10	104.9374310237	-33.0922652307
104.4065208331	-34.1950004168	10	10	104.9208102298	-32.3967161687
103.9018376431	-33.9300062688	10	10	102.7930821611	-27.259994699
103.502334483	-33.7793871538	10	10	96.4020115575	-22.2716587516
102.9835352868	-33.5765264479	10	10	96.2785718518	-21.706735707
102.5617950076	-33.5457817602	10	10	95.8021398891	-21.7343667435
102.276934327	-33.7332398113	10	10	93.7819773835	-22.2751985901
101.7473451196	-33.9346053551	10	10	93.1325573441	-22.3160165658
101.2451051025	-34.4744671021	10	10	92.5132541738	-22.409751545
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87.7050096007	-45.6604282848	10	10	85.9702005774	-31.4828096026
86.5546261163	-45.9798172447	10	10	85.3891194446	-32.0903411111
85.377051561	-46.4238401398	10	10	81.6362768187	-34.8019548967
84.6861153885	-47.2047037889	10	10	75.8256607712	-33.9288892113
84.1061379707	-48.2759444402	10	10	75.2660547706	-33.6023276736
83.5332100838	-49.4230690955	10	10	74.6903182324	-33.680443175

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83.0866211845	-50.4467492961	10	10	70.0368560794	-34.4766669467
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79.6687172763	-59.6376438807	10	10	68.7614012801	-34.1113493398
79.2127290331	-60.0114990524	10	10	68.723888246	-34.1492968015
79.388946326	-60.1212956776	10	10	68.8268430023	-34.2267188284
80.1951525064	-59.9612810063	10	10	68.8909269238	-34.1499480394
81.4051380658	-58.7276213822	10	10	69.1951038738	-34.2959301446
83.0936714518	-56.4112577038	10	10	69.5123838048	-34.4234678596
83.1765211936	-50.8664024127	10	10	70.1123798515	-34.6708316709
83.6621082839	-49.5729668875	10	10	74.6495843259	-34.0414063531
84.393603979	-48.0881830978	10	10	75.4389603117	-34.0812672673
85.2965211776	-46.7985449589	10	10	78.6426625896	-38.2493794922
87.1040139643	-46.0435354156	10	10	85.4442075747	-32.437004143
88.5519811698	-45.6726308009	10	10	86.1160847357	-31.8950976324
91.7699028683	-45.4921311176	10	10	87.0355510557	-31.2527321956
100.4189527309	-37.28032633	10	10	89.4000537348	-25.9312708993
101.1536100975	-35.2294575835	10	10	92.1128775795	-23.4424352747
101.786215823	-34.5479649741	10	10	92.943901349	-23.2296722532
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103.0480496154	-34.1717506129	10	10	104.1327309081	-32.817060482
103.4906792668	-34.2301138089	10	10	104.0492359933	-33.0473411504
103.968491008	-34.3333750248	10	10	104.2205865227	-33.1278704911
104.3191331469	-34.5034398114	10	10	104.5060480321	-33.2815897016
104.5956965386	-34.7270655649	10	10	104.7761162233	-33.4722643165
104.8140226976	-35.0117448816	10	10	104.9851902245	-33.5321234146
104.9240810756	-35.0630081551	10	10	105.157472225	-33.6412678582
104.973135809	-35.3677848892	10	10	105.3486961521	-33.7293125228
104.9467882124	-35.6250257083	10	10	105.4266003996	-33.7926872183
104.8817716576	-35.7310642299	10	10	105.5374625615	-33.8517399213
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105.0217810429	-35.4565383095	10	10	105.3989543498	-33.7073820389
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105.0253413298	-34.9829725216	10	10	105.2440827165	-33.5138351233
104.9674155959	-34.8782431451	10	10	105.1032694353	-33.4136187845
104.868896518	-34.7556618872	10	10	104.9680405632	-33.3111030881
104.7251126705	-34.6310560186	10	10	104.8426975352	-33.1911221949
104.5442752564	-34.3913043866	10	10	104.7216146706	-33.0141131251
104.3364613552	-34.274541658	10	10	104.6084287439	-32.719986949
104.1408470377	-34.1252559768	10	10	104.6776068732	-32.5362582025
103.8387230381	-33.9952633551	10	10	105.6471711229	-31.5730782497
103.5967577908	-33.8882078076	10	10	102.2653169955	-26.9857318024
103.3523940525	-33.7999772945	10	10	96.2912089912	-22.478709741
103.0931151311	-33.7301823574	10	10	95.9897815091	-22.2727436075
102.8036459751	-33.6869096251	10	10	95.2484451892	-22.2636070446
102.4896804003	-33.6693995871	10	10	94.1652028778	-22.4381648345

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101.6027291738	-34.2288325191	10	10	92.711652727	-22.4900383445
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100.7784125345	-35.4833098194	10	10	92.0398136576	-22.5825939639
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92.8012619802	-45.259859907	10	10	90.2016904557	-24.9056674246
89.38531169	-45.4465596978	10	10	88.5113517699	-26.351190981
87.9308694544	-45.6066778287	10	10	86.1622008414	-31.3298813389
86.6224182366	-45.9200069291	10	10	85.5114769182	-31.9887275942
85.4634226845	-46.4800604673	10	10	81.5603296743	-34.7231794507
84.4485102822	-47.4570788527	10	10	75.5279112589	-33.7035077878
83.6332377959	-49.1769297742	10	10	74.6570292225	-33.6212089718
82.9968111664	-51.2676776455	10	10	69.4987638849	-34.3656593822
69.6052761098	0.68547442	10	10	68.5917157425	-33.9082651079
67.1931489872	0.678771134	10	10	65.6081503219	-31.9707826049
64.755418294	0.6862020604	10	10	64.9915027573	-30.7552924285
62.3074124253	0.2945848465	10	10	64.4906313399	-29.745163561
59.8184671539	0.4035103508	10	10	64.334247308	-30.7483793916
56.3554317774	55.9787789317	10	10	64.2511437418	-32.0056381279
55.140521951	55.8523503947	10	10	60.3126317203	-42.9554901739
54.1637509741	55.8406061264	10	10	48.8732962095	-51.5416293697
53.1631754814	55.9027705699	10	10	45.9386645759	-46.8129936167
52.1853187025	56.2031860411	10	10	35.23630968	-38.561315242
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49.2412869631	57.6089338771	10	10	28.8677045422	-30.5574946656
47.2927314545	58.8323391571	10	10	28.5255062134	-30.2005167927
44.3021916696	59.6312321101	10	10	27.8161782293	-29.8878829479
40.6992407139	59.4851243534	10	10	27.4590055366	-29.5083062856
31.2901398989	0.4344715746	10	10	27.3508505036	-29.202930372
28.6182826562	0.7908510225	10	10	27.1635441019	-29.0117471941
25.9223010403	0.7832080731	10	10	26.9047550837	-28.8885556803
23.2160248475	0.8087464513	10	10	26.6615871196	-28.8305585908
20.5129010428	1.2705888916	10	10	26.6003572088	-28.7947320043
17.7843568773	1.3113399061	10	10	26.549631846	-28.8052813873
15.0450437994	1.3498516666	10	10	26.5750597392	-28.898191884
12.2951962258	1.3849507233	10	10	6.0253897508	-50.3301643473
9.5349316168	1.4155473838	10	10	359.3040045621	-41.9110928444
6.7643524652	1.4405674829	10	10	357.8580547043	-41.1904021604
3.9835315086	1.4594803711	10	10	357.3551131111	-40.7685482259
1.192499114	1.4723748841	10	10	356.9483777111	-40.3729275705
358.3912663001	1.4801468203	10	10	355.8548921387	-40.450592947
355.5913732269	1.0608297774	10	10	355.2689651258	-40.3410056061
352.7718127605	1.075423798	10	10	354.672245875	-40.1732260271
349.9383841239	1.1717843348	10	10	354.4004295929	-40.6434425525
344.6264777609	61.1597411608	10	10	353.7422492189	-41.027388455
343.683844005	60.5989014644	10	10	352.5465716926	-41.1999123572
342.5385661947	60.7174788137	10	10	341.812103397	1.722672067
341.0516524327	61.5418934718	10	10	303.4491291945	39.4135846781

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337.2654295636	62.9694849555	10	10	301.8972261517	32.8881319285
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328.7974775844	63.1300031644	10	10	300.6799584291	28.3606721341
325.1830791585	63.3258479186	10	10	299.9973549204	27.1767185939
321.1232094342	63.3278119251	10	10	299.0840006111	26.1532378315
317.8846550748	63.033030685	10	10	298.2082975846	25.1834449407
314.3317112808	62.982417424	10	10	297.5345419336	24.3144489762
310.5314155617	62.6994633999	10	10	296.8624328764	23.6311501204
307.4230751242	62.4821583599	10	10	295.9528792506	22.9168371362
304.4039422552	62.2929522961	10	10	294.9422403329	22.2947722398
301.6354550814	61.5929462029	10	10	293.8818828075	21.801514301
299.4411706992	61.4102420359	10	10	292.8488152963	21.3709715416
297.3902202421	60.9051215558	10	10	291.7936822948	21.0273617592
295.500507657	60.8688633458	10	10	290.8764021205	20.7473088945
293.6545469772	60.899769902	10	10	289.7899063356	20.4964639512
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290.2753733153	60.9004330119	10	10	287.7362676859	20.3282993524
288.7220332059	60.9282834716	10	10	286.7577861584	20.3552720974
287.0718184416	61.0066984648	10	10	285.5115986235	20.6041447936
285.3925714274	61.5416294841	10	10	284.2063133119	21.0833382593
283.3030082126	61.8478254314	10	10	282.762304906	21.6479094305
280.909607833	62.6016717587	10	10	281.1251910665	22.2855643689
270.3757323703	1.5365056875	10	10	279.6041638185	23.0522277996
267.3897866243	2.0112174774	10	10	277.971641935	24.0721145458
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261.3449010174	2.134277246	10	10	273.1854391785	26.5835457659
265.9422696271	-60.3125265368	10	10	270.8704872517	27.4914999136
262.0843818142	-60.8763329272	10	10	269.3583044259	28.5382319353
257.6396918695	-61.4057294362	10	10	267.8037572527	29.6930080494
252.6395633289	-61.724236621	10	10	266.9919222233	34.6296291802
247.2267790223	-61.9585096625	10	10	262.2389459181	37.283902278
240.2912643984	-62.2380520649	10	10	258.9237723891	37.8793355207
233.4322625016	-61.3864745836	10	10	256.8014001641	38.1203763011
226.9828278923	-60.7050797279	10	10	256.2662012499	39.2252113373
219.6080333189	-58.4984526416	10	10	256.0899416266	42.1638134941
211.8556864506	-53.9507090001	10	10	251.9605144872	48.4480094772
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20200202_PSP4_ConsensusTarget

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