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# Field 1: Decimal year
# Field 2: Altitude (km)
# Field 3: geodetic latitude (deg)
# Field 4: geodetic longitude (deg)
# Field 5: declination (deg)
# Field 6: inclination (deg)
# Field 7: H (nT)
# Field 8: X (nT)
# Field 9: Y (nT)
# Field 10: Z (nT)
# Field 11: F (nT)
# Field 12: dD/dt (deg/year)
# Field 13: dI/dt (deg/year)
# Field 14: dH/dt (nT/year)
# Field 15: dX/dt (nT/year)
# Field 16: dY/dt (nT/year)
# Field 17: dZ/dt (nT/year)
# Field 18: dF/dt (nT/year)
2025.000000      28      89      -121     -99.77      88.47      1504.298146
-255.388723    -1482.460628    56194.288771    56214.419888      2.491706
-0.009987    10.285640    62.723738    -21.242793    18.075146    18.343917
2025.000000      48      80      -96     -29.91      87.77      2164.285547
1875.982280    -1079.269389    55623.044051    55665.134163      1.248417
-0.057537    55.469239    71.596398    13.214774    -12.148507    -9.982652
2025.000000      54      82      87      54.89      87.68      2302.427342
1324.336929    1883.428620    56740.772059    56787.466800      0.884574
0.036130    -34.169939    -48.732002    -7.505574    41.134755    39.715524
2025.000000      65      43      93      0.50      64.10      24300.764692
24299.852822    210.517066    50037.923998    55626.621348    -0.019813
0.030822    -3.938347    -3.865401    -8.437166    60.388819    52.601187
2025.000000      51     -33     109     -5.49     -67.50      21838.046477
21737.778822    -2090.274098    -52710.003920    57054.752538      0.069861
0.026375    29.809763    32.221578    23.651711    -3.334040    14.490015
2025.000000      39     -59      -8     -15.75     -58.55      14918.115796
14358.095523    -4049.107540    -24389.086374    28589.818346      0.010988
0.055916    -0.905656    -0.095123     2.999401    54.951779    -47.350226
2025.000000       3     -50     -103     27.96     -54.89      22106.041373
19526.532799    10362.990980    -31437.562789    38431.724126    -0.032104
0.024888    -42.140973    -31.417096    -30.696074    88.952383    -97.003616
2025.000000      94     -29     -110     15.74     -38.25      24181.990098
23275.471080    6559.046509    -19063.605287    30792.688931    -0.011062
0.027107    -42.453758    -39.595926    -16.008811    52.018933    -65.544285
2025.000000      66      14     143     -0.19     12.82      35003.635649
35003.441364    -116.624818    7966.315182    35898.700342    -0.055086
-0.003859    10.848172    10.735986    -33.689325    -0.010939    10.575266
2025.000000      18      0      21      1.29     -26.06      29282.246275
29274.811882    659.800118    -14316.722540    32594.761714      0.030544
0.079429    -8.761425    -9.110937    15.408838    54.581250    -31.844958
2025.500000       6     -36     -137     20.28     -52.11      25353.230658
23781.930678    8786.698927    -32577.518648    41280.516301      0.025348

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2025.500000	69	38	-144	12.93	56.97
23096.337032	22510.804524	5167.636206	35525.990264	42373.774537	-0.105300
-0.007297	-33.951051	-23.593092	-48.967345	-62.123761	-70.589724
2025.500000	50	-70	-133	57.21	-71.94
16656.709403	9021.847823	14001.865232	-51084.838301	53731.803175	-0.036998
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20005.506364	19331.857134	5147.774727	-23532.664273	30886.996822	-0.098427
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2025.500000	8	-66	17	-33.14	-59.55
18154.870136	15201.438652	-9925.501123	-30881.123197	35822.382382	-0.112991
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2025.500000	22	-37	140	9.28	-68.62
21688.847590	21404.761773	3498.897430	-55397.587760	59492.006517	0.028818
0.004094	0.393984	-1.371020	10.829532	10.653875	-9.777010
2025.500000	40	-12	-129	10.76	-15.46
29105.866326	28594.451238	5432.201489	-8052.525092	30199.248583	-0.009568
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2026.000000	74	-57	3	-22.51	-58.65
14362.206593	13268.119649	-5498.179626	-23576.062921	27606.226129	-0.037845
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2026.000000	46	-24	-122	14.01	-34.17
26638.500090	25846.118652	6448.863284	-18080.399376	32194.883578	0.000271
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34565.858527	34558.605297	708.078839	25043.405885	42684.549360	0.013234
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-0.033376	12.323002	-28.141121	-41.606787	-72.317297	70.078525	
2027.000000	44	-43	-111	24.31	-52.57	22462.470699
20471.522067	9245.505620	-29347.556906	36957.295441	-0.006299		
0.024728	-40.058633	-35.491603	-18.738696	78.579889	-86.747247	
2027.000000	12	-63	178	57.87	-79.14	11720.691727
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-0.077078	-52.470761	-44.977997	37.378183	22.627270	-47.007290	
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12260.425578	4315.497527	54849.810218	56368.814385	0.099601		
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23540.396213	6592.363667	-18723.097084	30792.269761	-0.017007		
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18947.658009	6129.590452	-21631.434316	29402.458634	-0.091418		
-0.005439	-53.229644	-40.865392	-46.615842	53.698344	-75.558704	
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2027.500000	16	66	-178	0.37	75.67	13821.614337
13821.326215	89.244328	54092.646409	55830.559897	-0.327448		
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30131.436134	2689.876669	15295.611788	33898.298187	-0.020383		

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17341.333537	-1411.102609	-14639.967305	22738.551012	-0.162162	
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2028.000000	75	79	125	-18.59	87.42
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0.022931	-21.221891	-33.198946	-32.136170	39.082660	38.087754
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27567.094260	-7045.034525	-4352.046687	28783.980055	0.177960	
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16993.742946	9761.147808	-42479.847250	46782.525885	-0.086171	
0.016127	-22.854241	-5.137167	-36.941289	80.971555	-83.098300
2028.000000	45	-46	-41	-11.68	-54.96
13609.973828	-2812.623735	-19816.196211	24203.798713	0.048411	
-0.117246	-62.721602	-59.047199	24.193263	3.174357	-38.612991
2028.000000	11	-22	-21	-23.24	-57.67
12430.606447	-5337.987778	-21373.837958	25295.356080	0.176027	
-0.196560	-92.571749	-68.660974	74.716931	-16.002042	-35.987260
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14735.145798	4066.959949	52393.678137	54578.037650	-0.147623	
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2028.500000	68	-58	156	41.57	-81.52
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2028.500000	39	-65	-88	29.45	-60.20
17946.905687	10131.662696	-35982.872979	41466.964689	-0.076076	
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2028.500000	27	-23	81	-13.27	-58.58
24940.672257	-5883.907569	-41948.733657	49156.421313	0.129297	
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29078.234597	798.434048	30945.577813	42471.284539	0.111314	
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2028.500000	72	-62	65	-67.87	-68.50
6567.891205	-16150.440331	-44267.327811	47576.992646	-0.176819	
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901.741754	2192.139033	55926.154052	55976.363930	1.341225	
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28217.104175	75.200106	26405.862611	38645.571587	-0.043407		
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23365.167010	-3931.047029	44177.553125	50130.233993	-0.040524		
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2028.500000	95	30	28	4.56	44.27	29786.406936
29692.133298	2367.965026	29039.808439	41599.765773	0.034245		
0.035803	8.349023	6.907310	18.410171	44.444119	37.003480	
2029.000000	95	-60	-59	8.58	-55.17	18095.598879
17893.018948	2700.105868	-26011.845842	31687.013474	-0.053323		
-0.035373	-49.689333	-46.620155	-24.066802	37.170306	-58.889314	
2029.000000	95	-70	42	-55.06	-64.54	18202.660480
10426.249753	-14920.796381	-38237.047006	42348.655378	-0.157751		
0.012766	3.604264	-39.016467	-31.660684	14.381378	-11.435882	
2029.000000	50	87	-154	-73.48	89.07	906.920459
257.877420	-869.484879	55992.308183	55999.652503	1.562405		
-0.064156	62.930173	41.603892	-53.300475	13.406039	14.423442	
2029.000000	58	32	19	4.11	46.03	29434.989012
29359.395781	2108.188210	30508.465542	42393.219362	0.056569		
0.028397	10.593100	8.484435	29.745872	41.240139	37.033780	
2029.000000	57	34	-13	-1.89	45.74	28257.277809
28241.863242	-933.225495	28997.458189	40488.595068	0.154151		
-0.026819	21.195169	23.694393	75.283010	-5.404499	10.921620	
2029.000000	38	-76	49	-64.28	-67.36	18412.640681
7991.121323	-16588.167977	-44151.303941	47836.837024	-0.160186		
0.012467	-0.041101	-46.394534	-22.304306	27.140173	-25.065010	
2029.000000	49	-50	-179	32.11	-71.33	18080.593790
15315.042731	9610.272521	-53522.651338	56494.088877	0.110906		
0.012602	-5.111774	-22.932228	26.927867	53.956270	-52.754307	
2029.000000	90	-55	-171	38.65	-72.79	16416.538468
12821.507915	10252.398258	-52995.143972	55479.618058	0.117199		
0.024083	2.622098	-18.923406	27.863957	70.344114	-66.418097	
2029.000000	41	42	-19	-4.13	56.44	24503.475397
24439.977735	-1762.893879	36929.897501	44319.720622	0.180959		
-0.034375	24.712482	30.216258	75.411786	-10.849192	4.622821	
2029.000000	19	46	-22	-5.65	60.89	22632.016516
22522.142232	-2227.393290	40651.688191	46527.066578	0.196585		
-0.034725	25.397648	32.916674	74.775309	-12.351198	1.562595	
2029.500000	31	13	-132	9.04	31.41	28145.022897
27795.620707	4421.061344	17187.983590	32978.312476	-0.039071		
0.025976	-57.604250	-53.874337	-28.002848	-17.659477	-58.365744	
2029.500000	93	-2	158	7.09	-17.84	34067.301020
33806.520595	4207.156292	-10964.647547	35788.329028	-0.010065		
-0.038403	-8.149803	-7.348347	-6.945244	-22.576489	-0.841015	
2029.500000	51	-76	40	-56.34	-66.22	18517.441118
10263.650094	-15412.758102	-42018.541264	45917.898858	-0.148779		
0.015688	0.140771	-39.943896	-26.768531	30.856345	-28.179249	
2029.500000	64	22	-132	10.23	43.76	26014.780783
25601.266218	4619.955329	24914.378368	36020.758857	-0.057237		

0.010172	-55.619345	-50.120044	-35.452393	-44.412257	-70.887703	
2029.500000	26	-65	55	-63.48	-65.71	18695.741849
8347.198524	-16728.868464	-41431.528035	45454.397791	-0.179396		
-0.005003	1.416835	-51.746426	-27.403316	-12.788863	12.239760	
2029.500000	66	-21	32	-14.63	-56.68	16100.322907
15578.335534	-4066.430831	-24494.877642	29312.444941	-0.198629		
0.076846	37.723336	22.403071	-63.533684	14.184486	8.866905	
2029.500000	18	9	-172	9.24	15.85	30922.514410
30520.999126	4966.941695	8779.472279	32144.689001	-0.000053		
0.016657	-17.137150	-16.910013	-2.781046	4.848633	-15.161302	
2029.500000	63	88	26	36.52	87.37	2539.900024
2041.140972	1511.567287	55286.620082	55344.931586	1.375737		
0.002257	-1.029565	-37.121853	48.397411	25.084712	25.011033	
2029.500000	33	17	5	0.89	13.77	34026.126581
34021.976056	531.446418	8341.137769	35033.582023	0.078642		
0.026998	3.099752	2.369935	46.745426	17.756374	7.238224	
2029.500000	77	-18	138	4.45	-47.55	31847.600506
31751.497580	2472.257962	-34817.395113	47186.021876	-0.036580		
0.012491	0.895474	2.471158	-20.201885	14.262673	-9.919684	