

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40304	0.43415	0.468912	0.426176	0.460756	0.491409	0.491425	0.52457	0.53287	0.510855	25.11244	25.08523	25.00917
40305	0.409736	0.451413	0.414833	0.450413	0.488243	0.489004	0.493236	0.498804	0.471007	24.64844	24.88906	24.84696
40306	0.398205	0.438236	0.406087	0.437802	0.476823	0.482465	0.475448	0.476271	0.444368	25.00181	25.00483	24.96847
40307	0.405094	0.444326	0.407181	0.441573	0.477503	0.481399	0.501743	0.505427	0.478906	25.53531	25.50642	25.33389
40308	0.433528	0.468101	0.429802	0.461073	0.496462	0.49534	0.53799	0.538403	0.504656	25.02601	25.20316	25.2724
40309	0.427066	0.46399	0.425052	0.46701	0.498382	0.494948	0.543712	0.536517	0.500556	24.95587	25.13035	25.18069
40310	0.397757	0.439236	0.408368	0.433573	0.476312	0.484528	0.488576	0.480455	0.448997	25.19208	25.22451	25.17139
40311	0.400517	0.435799	0.402403	0.441111	0.47525	0.479788	0.481031	0.476677	0.43517	25.3392	25.41243	25.3374
40312	0.426476	0.464444	0.422177	0.460149	0.493517	0.489674	0.543274	0.540552	0.502524	25.02115	25.22587	25.27747
40313	0.399271	0.439844	0.408413	0.435233	0.476906	0.484722	0.490948	0.481528	0.452184	24.8233	24.99135	25.0758
40314	0.389833	0.429524	0.401056	0.422743	0.466604	0.47799	0.479649	0.46966	0.435535	25.30372	25.26701	25.1591
40315	0.39017	0.42601	0.397184	0.428663	0.46559	0.473677	0.472997	0.462347	0.426552	25.74472	25.68128	25.47521
40316	0.405069	0.442024	0.40142	0.44526	0.480028	0.47916	0.495045	0.494611	0.45674	25.64872	25.67889	25.56267
40317	0.409323	0.448139	0.41049	0.440809	0.476885	0.482181	0.511899	0.507292	0.473177	25.93542	25.93163	25.7433
40318	0.413479	0.45208	0.414649	0.447951	0.48249	0.487062	0.520094	0.508063	0.477632	25.55615	25.71514	25.78829
40319	0.40025	0.438441	0.405726	0.436976	0.47392	0.482087	0.49933	0.479333	0.449594	25.92208	25.8683	
40320	0.392969	0.432146	0.400948	0.426976	0.467809	0.478736	0.489858	0.469309	0.434469	25.92476	25.95344	
40321	0.443705	0.458222	0.419257	0.443719	0.47367	0.481719	0.535656	0.520194	0.471431	25.55556	25.7583	
40322	0.420472	0.448743	0.411566	0.446944	0.480556	0.486247	0.514563	0.491583	0.463611	25.15635	25.33094	
40323	0.423063	0.450476	0.408847	0.446986	0.479806	0.483861	0.520403	0.495823	0.454701	25.46642	25.52476	
40324	0.416163	0.446372	0.407899	0.444049	0.478111	0.48358	0.507726	0.484885	0.453701	25.37656	25.54545	
40325	0.407049	0.437806	0.403028	0.434778	0.470799	0.480462	0.494194	0.471705	0.435976	25.25337	25.35726	
40326	0.39641	0.428635	0.398344	0.423934	0.462767	0.476038	0.487233	0.464476	0.427667	25.75434	25.70837	
40327	0.390656	0.42299	0.394385	0.418288	0.457844	0.471562	0.47925	0.458406	0.420938	25.68906	25.75205	
40328	0.385115	0.418389	0.390788	0.411042	0.452889	0.467021	0.471656	0.453122	0.415375	25.82802	25.84174	
40329	0.385549	0.416323	0.387292	0.415344	0.452486	0.462878	0.464462	0.447681	0.41008	25.91083	25.91729	
40330	0.387979	0.417729	0.386497	0.41933	0.45474	0.462597	0.461878	0.443295	0.405628	25.77715	25.89264	
40331	0.396688	0.424389	0.387076	0.42949	0.46334	0.464597	0.462087	0.440163	0.402642	25.91358	25.90097	
40332	0.412444	0.438299	0.393031	0.434781	0.463941	0.465021	0.482406	0.471566	0.426045	25.63517	25.82333	
40333	0.406639	0.442903	0.406389	0.433132	0.472083	0.477424	0.507688	0.490299	0.464177	25.49837	25.59816	
40334	0.402753	0.433837	0.396733	0.437392	0.468795	0.474181	0.493625	0.466503	0.433753	25.94865	25.92135	
40335	0.445247	0.461031	0.418597	0.460052	0.481382	0.484024	0.538535	0.521493	0.480573	25.53264	25.70625	

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C
40336	0.398347	0.432681	0.401319	0.428233	0.464549	0.477722	0.503024	0.47467	0.443552	25.63913	25.68993	
40337	0.390292	0.423503	0.394431	0.419563	0.45667	0.471337	0.495174	0.464253	0.428392	25.49319	25.64455	
40338	0.38575	0.418858	0.390649	0.414486	0.452118	0.467194	0.488681	0.45967	0.419885	25.32299	25.51424	
40339	0.420681	0.441736	0.40359	0.44033	0.464365	0.471135	0.524486	0.504941	0.455413	24.64063	25.02219	
40340	0.452653	0.464295	0.420719	0.46333	0.480976	0.484812	0.544656	0.525122	0.478122	24.56656	24.82615	
40341	0.441174	0.456875	0.41441	0.469549	0.482535	0.486552	0.544167	0.51833	0.472649	24.71069	24.86674	
40342	0.518958	0.498979	0.446045	0.544684	0.526323	0.50374	0.601309	0.558625	0.505868	24.02465	24.35188	
40343	0.430219	0.447247	0.410983	0.465194	0.481378	0.486368	0.550701	0.49434	0.45576	24.46819	24.4976	
40344	0.42484	0.435924	0.399764	0.466868	0.475715	0.477823	0.534503	0.478312	0.434969	25.00073	25.02858	
40345	0.430552	0.442132	0.399681	0.471632	0.478125	0.477115	0.528806	0.472774	0.426372	24.57701	24.79844	
40346	0.449333	0.457993	0.414663	0.478993	0.48333	0.48241	0.555243	0.516486	0.463958	24.18087	24.45563	
40347	0.447142	0.457333	0.417188	0.485573	0.487042	0.485559	0.561236	0.517424	0.476059	24.35295	24.5158	
40348	0.458837	0.462601	0.421781	0.490646	0.486521	0.487035	0.568104	0.523472	0.479809	24.23191	24.49097	
40349	0.464194	0.463882	0.422115	0.49634	0.489274	0.487927	0.566656	0.515934	0.469146	24.07497	24.2466	
40350	0.454972	0.460215	0.418997	0.496153	0.489139	0.489608	0.566806	0.514701	0.473458	24.49778	24.54719	
40351	0.456705	0.461892	0.417434	0.50609	0.489378	0.487	0.567615	0.51267	0.461375	24.79604	24.84358	
40352	0.42825	0.445524	0.410316	0.48099	0.477378	0.484667	0.554833	0.496309	0.460524	25.12819	25.07663	
40353	0.414653	0.428587	0.398104	0.465872	0.46367	0.475681	0.539757	0.477917	0.435594	25.70764	25.58104	
40354	0.436302	0.44	0.40217	0.476427	0.464309	0.471358	0.553191	0.496455	0.446354	25.69663	25.73882	
40355	0.426858	0.444333	0.408035	0.47934	0.474472	0.477785	0.553462	0.498052	0.459826	25.23778	25.38823	
40356	0.415191	0.430208	0.397878	0.467274	0.464764	0.474326	0.539073	0.477861	0.435674	25.13188	25.24042	
40357	0.422292	0.428639	0.393556	0.470135	0.461337	0.470649	0.542024	0.487257	0.429149	25.10774	25.26271	
40358	0.427385	0.440549	0.396913	0.479924	0.469226	0.471153	0.547681	0.4935	0.439247	25.09833	25.15753	
40359	0.413528	0.42774	0.393486	0.465344	0.46151	0.469806	0.534188	0.479802	0.425319	25.29396	25.34323	
40360	0.415549	0.423413	0.390049	0.47367	0.461118	0.467326	0.527788	0.474983	0.41784	25.22997	25.36611	
40361	0.421368	0.429149	0.390438	0.485951	0.47134	0.468552	0.52441	0.472885	0.413306	24.80191	25.03236	
40362	0.433559	0.439455	0.398	0.486809	0.474003	0.470604	0.538139	0.494115	0.428663	24.88507	24.95764	
40363	0.435184	0.449358	0.410858	0.494233	0.484073	0.479677	0.559281	0.517118	0.467233	25.54358	25.52125	
40364	0.423944	0.430747	0.397514	0.473354	0.468562	0.474361	0.535663	0.489146	0.436639	25.34205	25.41017	
40365	0.433979	0.430222	0.393243	0.475521	0.46442	0.469608	0.536618	0.493285	0.428247	25.61281	25.62965	
40366	0.46475	0.457451	0.410167	0.500281	0.482465	0.473375	0.56476	0.530625	0.455375	25.08542	25.29174	25.33756
40367	0.434295	0.441913	0.405757	0.482931	0.477205	0.477549	0.547868	0.506622	0.454069	24.96694	25.11611	25.17719

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40368	0.413767	0.426083	0.394601	0.46842	0.464708	0.472083	0.534094	0.488667	0.432833	25.22503	25.26219	25.21208
40369	0.467455	0.464747	0.418674	0.516517	0.486972	0.483222	0.57466	0.548149	0.482559	25.10837	25.26271	25.27962
40370	0.448451	0.451021	0.411868	0.492111	0.479826	0.479771	0.559014	0.526858	0.463351	25.11288	25.24889	25.24868
40371	0.452875	0.451865	0.409184	0.500729	0.485687	0.481892	0.556441	0.51841	0.459677	24.7484	24.98024	25.10213
40372	0.474285	0.464545	0.420163	0.502931	0.488479	0.482694	0.571323	0.544819	0.46799	24.39177	24.67229	24.86701
40373	0.440083	0.443017	0.406799	0.484569	0.477931	0.481385	0.555934	0.515181	0.455229	24.19021	24.40875	24.58611
40374	0.499469	0.475312	0.428212	0.518594	0.493035	0.486604	0.586677	0.566049	0.486778	24.23563	24.37667	24.49212
40375	0.442323	0.436653	0.402413	0.481333	0.473281	0.479472	0.551375	0.513153	0.44634	24.42535	24.55809	24.59524
40376	0.474649	0.455583	0.413778	0.490854	0.472993	0.476076	0.568118	0.535799	0.457271	24.57903	24.68358	24.69135
40377	0.467132	0.453684	0.412729	0.496517	0.483965	0.483142	0.567847	0.536625	0.469007	24.7526	24.81028	24.76587
40378	0.4675	0.445667	0.407417	0.494931	0.474635	0.477323	0.562486	0.528319	0.449156	24.92274	24.9591	24.89021
40379	0.492375	0.466729	0.420021	0.506524	0.486681	0.484847	0.580396	0.556944	0.479406	25.10958	25.14493	25.04403
40380	0.459208	0.447267	0.409049	0.491715	0.478691	0.483559	0.561906	0.526323	0.459972	24.98399	25.05497	25.03108
40381	0.441913	0.429847	0.397059	0.473774	0.464969	0.477115	0.547844	0.509153	0.436837	25.45146	25.39611	25.21691
40382	0.429271	0.419604	0.390469	0.461177	0.455278	0.471264	0.53849	0.499014	0.425319	25.53712	25.53028	25.3791
40383	0.417448	0.412948	0.386059	0.45076	0.448375	0.466177	0.530931	0.491507	0.417083	25.79597	25.74455	25.54181
40384	0.442694	0.425035	0.384979	0.484247	0.459073	0.464462	0.52741	0.493694	0.412253	25.4775	25.62156	25.57378
40385	0.454677	0.441625	0.393649	0.479906	0.460802	0.466677	0.550681	0.524774	0.436854	25.41462	25.50549	25.45281
40386	0.445309	0.435851	0.396691	0.472531	0.461712	0.46959	0.549764	0.518021	0.448687	25.00601	25.22576	25.31271
40387	0.432816	0.423219	0.390483	0.462816	0.454462	0.46824	0.539313	0.50283	0.431063	25.12993	25.23503	25.22906
40388	0.432854	0.421188	0.390417	0.460906	0.452076	0.466396	0.538969	0.501913	0.422233	25.04545	25.19545	25.2134
40389	0.474111	0.457437	0.412556	0.500917	0.480483	0.477813	0.581313	0.55841	0.466823	25.08323	25.16049	25.15337
40390	0.499229	0.469392	0.421715	0.509809	0.490344	0.486007	0.587677	0.564406	0.482642	25.25	25.31194	25.25538
40391	0.461139	0.441431	0.403233	0.489212	0.475132	0.481212	0.55501	0.515281	0.445559	25.00792	25.20538	25.24719
40392	0.46949	0.447781	0.408972	0.486295	0.468326	0.477361	0.563757	0.533903	0.452017	24.89271	25.05233	25.1067
40393	0.459236	0.444465	0.407698	0.485007	0.473833	0.480597	0.564347	0.529875	0.462219	25.05281	25.11813	25.10115
40394	0.46508	0.440552	0.401455	0.482826	0.466462	0.475747	0.563222	0.529566	0.445184	25.28083	25.32889	25.24017
40395	0.461708	0.443903	0.405878	0.48416	0.474406	0.478785	0.566819	0.528837	0.457139	25.28556	25.35674	25.29986
40396	0.469253	0.442451	0.405542	0.484556	0.467878	0.473694	0.562028	0.531691	0.444198	25.36042	25.42073	25.34455
40397	0.490493	0.461708	0.418503	0.501517	0.49116	0.479517	0.580983	0.55466	0.472201	25.20851	25.35986	25.36076
40398	0.46459	0.441444	0.405097	0.490441	0.483788	0.480038	0.561021	0.52242	0.453462	25.20906	25.32722	25.3108
40399	0.450337	0.428163	0.396226	0.476649	0.474288	0.475691	0.550608	0.508476	0.434271	25.13708	25.22885	25.23507

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C
40400	0.434972	0.416858	0.389826	0.463715	0.465826	0.470413	0.542521	0.50016	0.424441	25.51351	25.50556	25.37806
40401	0.442007	0.415552	0.386253	0.475104	0.465372	0.466646	0.536924	0.494042	0.417309	25.36142	25.50705	25.47514
40402	0.436385	0.416469	0.386063	0.468142	0.466521	0.467003	0.533462	0.49092	0.413188	25.28115	25.34528	25.32417
40403	0.428313	0.411908	0.38413	0.462107	0.461053	0.465191	0.52913	0.487947	0.410351	25.21947	25.45489	25.46565
40404												
40405												
40406												
40407												
40408												
40409												
40410												
40411												
40412												
40413												
40414												
40415												
40416	0.496486	0.462789	0.417491	0.496251	0.473417	0.469411	0.539731	0.578074	0.438709	25.34897	25.36408	25.24322
40417	0.491205	0.457604	0.417684	0.50658	0.491892	0.478597	0.551326	0.578969	0.460663	24.67417	24.85111	24.96316
40418	0.521778	0.479642	0.433358	0.523385	0.505236	0.481681	0.56825	0.587764	0.477809	24.6025	24.80139	24.9109
40419	0.475764	0.448993	0.413125	0.506524	0.501413	0.482573	0.537	0.567792	0.462049	24.74049	24.7826	24.81177
40420	0.446101	0.426319	0.398146	0.486132	0.486049	0.475062	0.516128	0.55301	0.438177	25.30233	25.23441	25.09694
40421	0.452278	0.433028	0.40067	0.481677	0.476302	0.469361	0.520295	0.561462	0.431035	25.55441	25.54733	25.39524
40422	0.502583	0.460042	0.414458	0.509382	0.495073	0.477083	0.556354	0.586229	0.459257	24.93622	25.18073	25.2967
40423	0.489066	0.453049	0.411698	0.508927	0.499285	0.479747	0.542924	0.582705	0.46242	24.57656	24.82688	25.01576
40424	0.475576	0.45016	0.41034	0.502545	0.499201	0.479708	0.539115	0.575344	0.45851	24.4275	24.64719	24.83719
40425	0.447524	0.425274	0.397201	0.483326	0.483247	0.473583	0.516813	0.559344	0.439337	24.82899	24.89646	24.90948
40426	0.430177	0.412813	0.389441	0.474503	0.474465	0.467705	0.507962	0.552396	0.428097	24.83906	24.93781	24.96941
40427	0.442885	0.412285	0.385441	0.485469	0.473003	0.464007	0.505458	0.555868	0.421104	24.72868	24.91396	24.99611
40428	0.479083	0.440538	0.399958	0.48876	0.478594	0.465052	0.531545	0.569434	0.43749	24.56983	24.75319	24.87024
40429	0.480528	0.447361	0.408094	0.500323	0.490361	0.473299	0.548538	0.578476	0.457323	24.78802	24.85417	24.88396
40430	0.457413	0.436201	0.401365	0.489688	0.488521	0.473524	0.535045	0.567701	0.448347	24.70201	24.78479	24.87736
40431	0.454611	0.421979	0.391031	0.484288	0.47791	0.46808	0.535038	0.568497	0.437851	25.26903	25.27465	25.17698

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40432	0.445292	0.424983	0.390639	0.48091	0.480608	0.46858	0.52825	0.565691	0.440691	25.08181	25.13698	25.15274
40433	0.442108	0.417319	0.388403	0.480663	0.472375	0.46349	0.525653	0.562851	0.428222	24.92205	25.07969	25.15146
40434	0.455514	0.433462	0.396299	0.487503	0.482153	0.467559	0.541361	0.569674	0.442288	24.90253	25.02733	25.09507
40435	0.469854	0.43101	0.390965	0.499479	0.484903	0.466927	0.532979	0.56742	0.433125	24.87899	24.99028	25.06243
40436	0.457132	0.430719	0.391128	0.496344	0.486024	0.466889	0.530333	0.564059	0.432913	25.20451	25.22031	25.17556
40437	0.434181	0.414594	0.386205	0.490007	0.473479	0.463611	0.512743	0.552431	0.424642	25.16569	25.2417	25.24056
40438	0.460486	0.428774	0.394267	0.49816	0.472865	0.460972	0.531799	0.565306	0.42841	24.90111	25.08253	25.17521
40439	0.490069	0.457382	0.411358	0.521056	0.488007	0.469066	0.559708	0.578965	0.457073	24.61455	24.87576	25.04347
40440	0.485903	0.450274	0.409639	0.529115	0.496149	0.477965	0.561806	0.586181	0.46817	24.34788	24.56795	24.76934
40441	0.489837	0.449392	0.407587	0.533764	0.496156	0.481399	0.560552	0.587472	0.47025	24.35767	24.55247	24.71045
40442	0.485719	0.454635	0.411771	0.530573	0.497392	0.483014	0.558278	0.584951	0.469875	24.15438	24.39771	24.60604
40443	0.484781	0.443708	0.405257	0.524316	0.488667	0.481208	0.54958	0.580896	0.457844	24.32101	24.43587	24.54622
40444	0.499417	0.461535	0.42326	0.540767	0.499038	0.486951	0.564326	0.591247	0.472083	24.49955	24.62052	24.68451
40445	0.483135	0.449656	0.413642	0.536042	0.500538	0.488101	0.550316	0.583302	0.469285	24.49733	24.57986	24.65392
40446	0.463014	0.432642	0.400438	0.519486	0.488726	0.482997	0.526875	0.564927	0.445969	24.57583	24.68757	24.74608
40447	0.471021	0.431434	0.395667	0.524622	0.485278	0.479507	0.526476	0.570924	0.436903	24.52299	24.71198	24.79267
40448	0.479003	0.436521	0.394618	0.528174	0.485931	0.47701	0.541969	0.578878	0.437906	24.2233	24.42247	24.59389
40449	0.483153	0.441191	0.396708	0.535368	0.489694	0.478299	0.551604	0.584566	0.447851	24.53795	24.58517	24.62976
40450	0.489069	0.453215	0.410434	0.54408	0.49958	0.485167	0.55501	0.587455	0.467503	24.93851	24.92076	24.86233
40451	0.457247	0.425965	0.396431	0.51749	0.479444	0.479326	0.523354	0.563319	0.445837	25.07854	25.1175	25.0567
40452	0.46175	0.426778	0.394719	0.518677	0.475833	0.47326	0.540101	0.573385	0.447427	25.06938	25.14559	25.1267
40453	0.472497	0.439198	0.403111	0.527163	0.48624	0.482052	0.543899	0.579674	0.462319	24.59868	24.79469	24.94698
40454	0.471021	0.436681	0.398045	0.527146	0.486899	0.480642	0.536378	0.576243	0.449406	24.23708	24.48625	24.72823
40455	0.450677	0.421788	0.392399	0.51208	0.477122	0.476809	0.517951	0.559465	0.438122	24.22569	24.45594	24.65024
40456	0.485962	0.447368	0.402983	0.532024	0.487913	0.479448	0.565747	0.591875	0.461823	24.01913	24.2658	24.4983
40457	0.452187	0.425194	0.395094	0.512538	0.479313	0.477851	0.524663	0.565347	0.447097	24.40469	24.46583	24.52733
40458	0.443323	0.413413	0.387042	0.512295	0.472889	0.471948	0.516076	0.564038	0.434469	24.56285	24.65059	24.6874
40459	0.427535	0.405868	0.382146	0.496684	0.466108	0.46608	0.507656	0.552042	0.427156	24.55906	24.67017	24.73833
40460	0.433538	0.404906	0.379729	0.507118	0.466903	0.464538	0.507583	0.558038	0.422802	24.4874	24.63969	24.72965
40461	0.415951	0.398701	0.375306	0.487056	0.458427	0.458795	0.500403	0.542156	0.418528	24.59976	24.68319	24.73448
40462	0.397969	0.386872	0.366069	0.472861	0.444854	0.446375	0.493219	0.531601	0.412639	25.03889	24.98854	24.90153
40463	0.400809	0.386924	0.357097	0.472757	0.440552	0.435458	0.50316	0.535108	0.413938	25.31483	25.29889	25.17913

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40464	0.470757	0.443375	0.404003	0.526833	0.489417	0.469615	0.569396	0.584556	0.462833	25.10281	25.19747	25.20417
40465	0.490441	0.450892	0.404444	0.54334	0.497625	0.473889	0.572972	0.596208	0.466045	24.67128	24.93479	25.07747
40466	0.491326	0.452038	0.409997	0.544962	0.501625	0.48017	0.566545	0.595181	0.474174	24.24774	24.50066	24.73347
40467	0.482333	0.445764	0.408958	0.542476	0.495118	0.478816	0.554278	0.588826	0.466816	24.1534	24.38552	24.58385
40468	0.500802	0.458465	0.418642	0.55434	0.503615	0.48351	0.568865	0.601347	0.475747	23.56549	23.95622	24.31656
40469	0.453646	0.427667	0.398017	0.52591	0.481799	0.477132	0.533646	0.571194	0.458108	23.81247	23.91844	24.08271
40470	0.432247	0.409396	0.384788	0.50792	0.465788	0.465771	0.517073	0.554608	0.43933	24.42976	24.41962	24.38729
40471	0.465028	0.423292	0.394288	0.515049	0.464726	0.464007	0.536622	0.566976	0.446576	24.76944	24.7899	24.70434
40472	0.479076	0.443778	0.407267	0.541743	0.492566	0.477955	0.562385	0.590424	0.471917	24.37677	24.53698	24.64431
40473	0.468906	0.435486	0.397854	0.533368	0.488358	0.473986	0.551632	0.582146	0.458615	24.3709	24.51135	24.59191
40474	0.430128	0.409799	0.384448	0.507535	0.467795	0.465552	0.519628	0.555788	0.440802	24.04552	24.25361	24.43674
40475	0.453472	0.422663	0.387392	0.522028	0.467938	0.459295	0.531472	0.564743	0.434913	24.39747	24.4816	24.51712
40476	0.44451	0.423257	0.388847	0.515278	0.472948	0.46042	0.528365	0.562892	0.438521	24.61865	24.6433	24.62292
40477	0.447045	0.417583	0.382153	0.511559	0.464344	0.45759	0.526319	0.559677	0.43151	24.75594	24.82455	24.78566
40478	0.442313	0.420997	0.384785	0.511903	0.46933	0.463049	0.527049	0.56176	0.436944	24.63038	24.69337	24.7259
40479	0.463101	0.419326	0.37742	0.51958	0.470337	0.460003	0.53874	0.567708	0.434785	24.77253	24.87417	24.86205
40480	0.47576	0.418267	0.377767	0.52416	0.474622	0.459826	0.526785	0.568698	0.435552	24.48281	24.67128	24.76451
40481	0.529538	0.455476	0.404205	0.553233	0.500635	0.475285	0.574674	0.595507	0.464146	24.23479	24.44198	24.59205
40482	0.510899	0.443313	0.400948	0.545962	0.498094	0.477021	0.55275	0.586813	0.461844	24.35785	24.47299	24.53969
40483	0.48984	0.433368	0.399365	0.526271	0.490354	0.47633	0.541594	0.574337	0.46283	24.57097	24.62941	24.62184
40484	0.496656	0.433122	0.396146	0.525139	0.48026	0.47026	0.543681	0.573802	0.451542	24.65368	24.76375	24.75597
40485	0.515639	0.450372	0.405958	0.540399	0.497861	0.477444	0.562281	0.590875	0.468851	24.48319	24.64181	24.69354
40486	0.500861	0.443389	0.404795	0.534812	0.495281	0.477524	0.550302	0.583628	0.466062	24.70375	24.74156	24.70045
40487	0.560924	0.473997	0.424767	0.56976	0.51541	0.484743	0.590792	0.614076	0.481524	23.82892	24.32719	24.61847
40488	0.498542	0.440594	0.402781	0.532792	0.496208	0.480236	0.540809	0.579649	0.46342	22.93333	23.3734	23.83052
40489	0.477003	0.420847	0.387865	0.514417	0.478729	0.471042	0.520882	0.563059	0.442382	22.9575	23.33469	23.66962
40490	0.461479	0.408125	0.379257	0.502875	0.467125	0.464236	0.510913	0.553118	0.431625	22.83521	23.20892	23.53059
40491	0.444455	0.39701	0.372215	0.49192	0.456292	0.456295	0.502948	0.544347	0.423604	22.28479	22.70819	23.17451
40492	0.430431	0.389212	0.367187	0.484587	0.44791	0.447899	0.497194	0.535493	0.417385	23.05031	23.18559	23.32153
40493	0.450771	0.391389	0.365122	0.504285	0.461104	0.446663	0.496014	0.548215	0.414184	23.32854	23.46417	23.55115
40494	0.447764	0.394382	0.36534	0.499184	0.462031	0.449503	0.494514	0.539285	0.413535	23.58962	23.67681	23.69003
40495	0.466514	0.399976	0.365691	0.51942	0.475215	0.450653	0.497799	0.556767	0.412958	23.2825	23.56319	23.72927

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40496	0.445309	0.394538	0.364476	0.494774	0.460354	0.449469	0.495493	0.535774	0.411854	23.28462	23.46674	23.60375
40497	0.422038	0.383941	0.359361	0.479389	0.443295	0.442236	0.486694	0.521681	0.407278	23.09503	23.32316	23.515
40498	0.40383	0.375365	0.352628	0.468271	0.431469	0.431472	0.481399	0.508378	0.402153	23.46153	23.53903	23.59451
40499	0.390212	0.367639	0.344979	0.458188	0.420472	0.420465	0.47325	0.498149	0.395941	23.95066	23.96556	23.89396
40500	0.380108	0.359781	0.335576	0.447611	0.408656	0.408646	0.463104	0.48733	0.388816	23.96646	24.03979	24.01979
40501	0.370788	0.351917	0.324986	0.436899	0.396372	0.396361	0.451698	0.475403	0.38109	24.29073	24.28941	24.18878
40502	0.483986	0.426024	0.359188	0.518681	0.471094	0.432594	0.546375	0.575563	0.442115	23.97892	24.29497	24.25809
40503	0.539184	0.468931	0.417208	0.54383	0.504417	0.47058	0.588563	0.59726	0.496229	23.3809	23.7983	23.90385
40504	0.507785	0.446937	0.399469	0.528646	0.491372	0.466063	0.563573	0.579486	0.469361	23.48003	23.68319	23.72677
40505	0.50676	0.444674	0.39866	0.530455	0.495722	0.468764	0.559906	0.580465	0.471847	23.40264	23.66674	23.77528
40506	0.485872	0.420694	0.381187	0.506729	0.473906	0.459247	0.526646	0.550958	0.44442	23.5016	23.62719	23.68823
40507	0.506149	0.440986	0.391934	0.520014	0.480389	0.457927	0.55441	0.566882	0.460767	23.82333	23.91781	23.89736
40508	0.486615	0.429372	0.389931	0.513365	0.481326	0.463809	0.541597	0.562333	0.458323	23.95281	24.01938	23.98653
40509	0.548413	0.480167	0.420215	0.553965	0.519167	0.484128	0.594417	0.601222	0.498448	23.81226	23.99528	24.03469
40510	0.484094	0.425174	0.387163	0.509483	0.481896	0.466677	0.533476	0.553316	0.452844	23.84514	23.93306	23.94441
40511	0.521691	0.451983	0.396031	0.543017	0.499549	0.467375	0.57951	0.590837	0.480549	24.03771	24.13486	24.10236
40512	0.550191	0.479833	0.418021	0.5785	0.528681	0.485892	0.602486	0.609056	0.501997	23.43375	23.69764	23.8641
40513	0.574184	0.493872	0.425826	0.583764	0.53233	0.491097	0.608882	0.619632	0.51142	23.29313	23.59646	23.73472
40514	0.55009	0.469049	0.41349	0.575101	0.522073	0.487389	0.596521	0.614316	0.49199	22.64872	23.01747	23.30781
40515	0.495903	0.432816	0.392066	0.526479	0.49049	0.47234	0.542538	0.564264	0.458851	22.70278	22.93472	23.12181
40516	0.476181	0.413927	0.377205	0.509108	0.47233	0.460222	0.519941	0.543872	0.43659	22.74354	22.98688	23.15212
40517	0.461056	0.401576	0.36824	0.497719	0.460247	0.452212	0.507184	0.530559	0.425233	22.71726	22.94035	23.10493
40518	0.531486	0.453146	0.39417	0.555656	0.494733	0.457646	0.567389	0.577274	0.462486	22.64205	22.93174	23.12344
40519	0.50691	0.441674	0.398063	0.537205	0.495073	0.471969	0.558059	0.567108	0.468128	22.05889	22.48	22.82646
40520	0.477628	0.41625	0.379628	0.511076	0.473781	0.461281	0.521365	0.540531	0.440281	22.05347	22.33382	22.615
40521	0.519483	0.436003	0.382063	0.547063	0.487486	0.46017	0.549865	0.567826	0.44667	22.44708	22.61309	22.72896
40522	0.516233	0.44167	0.390653	0.547073	0.496858	0.466198	0.553892	0.573708	0.454618	21.99681	22.38042	22.6742
40523	0.507295	0.433538	0.38625	0.541941	0.494045	0.466437	0.545069	0.566573	0.450247	21.81424	22.12188	22.42125
40524	0.524865	0.444882	0.392528	0.553399	0.500198	0.469208	0.55801	0.574708	0.459906	22.32691	22.4292	22.51378
40525	0.522389	0.436444	0.387747	0.543028	0.491083	0.466441	0.544962	0.568972	0.451382	22.33056	22.56413	22.69302
40526	0.50533	0.42566	0.383128	0.526427	0.483497	0.463528	0.531427	0.55533	0.443333	21.62642	22.06951	22.44174
40527	0.489049	0.408188	0.372545	0.512993	0.468771	0.456389	0.511875	0.53834	0.429108	21.22976	21.65326	22.08226

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40528	0.519604	0.426306	0.373517	0.55108	0.491031	0.457479	0.535434	0.56751	0.43299	21.64385	21.83927	22.05483
40529	0.514417	0.428913	0.380483	0.534375	0.489941	0.462611	0.536934	0.564358	0.438955	22.2017	22.26896	22.30243
40530	0.491705	0.407934	0.371167	0.511365	0.467583	0.45483	0.511295	0.539837	0.427347	22.54878	22.5699	22.54226
40531	0.478247	0.395934	0.363753	0.500576	0.455007	0.447986	0.497663	0.528885	0.416802	22.75174	22.83375	22.80997
40532	0.522122	0.428045	0.370441	0.549399	0.48374	0.449441	0.542372	0.565788	0.441503	22.31875	22.63583	22.81024
40533	0.495878	0.414115	0.370531	0.520163	0.473424	0.451611	0.518382	0.54674	0.433052	22.17601	22.37771	22.55601
40534	0.51742	0.425712	0.369983	0.550899	0.482941	0.451681	0.543524	0.565097	0.436687	21.89688	22.23694	22.50174
40535	0.503288	0.421899	0.374184	0.53033	0.480566	0.455806	0.525733	0.554535	0.435274	21.95611	22.17497	22.3709
40536	0.546104	0.450764	0.390073	0.570889	0.500944	0.462955	0.572767	0.589229	0.457156	21.72531	22.04142	22.30531
40537	0.558066	0.46767	0.410264	0.576361	0.512007	0.47776	0.589677	0.60134	0.487649	21.47688	21.80153	22.09917
40538	0.542049	0.455431	0.404781	0.568021	0.507906	0.478507	0.580333	0.593528	0.480236	21.30479	21.62611	21.91899
40539	0.549556	0.464392	0.408538	0.576146	0.512639	0.479896	0.591628	0.602278	0.481201	21.04413	21.42538	21.76983
40540	0.549622	0.466247	0.409083	0.57633	0.514392	0.48191	0.594458	0.606896	0.486941	20.87729	21.20788	21.54931
40541	0.550361	0.466378	0.410955	0.576594	0.51417	0.483719	0.600486	0.610649	0.488455	20.91705	21.17163	21.43951
40542	0.54224	0.456802	0.402733	0.564128	0.505274	0.47749	0.572101	0.598642	0.470125	21.95927	21.82726	21.71965
40543	0.526257	0.440872	0.396045	0.549698	0.495087	0.473264	0.552854	0.579823	0.461253	22.89962	22.70882	22.40774
40544	0.519646	0.431441	0.38542	0.542507	0.487142	0.466163	0.542462	0.575104	0.445854	23.31191	23.14569	22.85135
40545	0.544639	0.458469	0.401788	0.566368	0.49974	0.469351	0.582229	0.600267	0.469767	23.36521	23.36413	23.16503
40546	0.538385	0.451483	0.403222	0.561222	0.503531	0.475764	0.579597	0.594715	0.476618	22.80858	23.00066	23.0583
40547	0.510031	0.421719	0.383819	0.528931	0.478417	0.464885	0.526382	0.563212	0.443715	22.54997	22.62483	22.74924
40548	0.543597	0.449035	0.394014	0.562128	0.494708	0.465726	0.57316	0.597604	0.450486	22.68861	22.82167	22.8767
40549	0.52226	0.434205	0.391573	0.53926	0.488382	0.468167	0.545622	0.577726	0.454115	22.65365	22.68361	22.73128
40550	0.509128	0.418524	0.37917	0.526587	0.47401	0.46074	0.522823	0.564003	0.435247	22.70594	22.83049	22.8725
40551	0.499802	0.409056	0.372736	0.517344	0.464295	0.45517	0.510903	0.551295	0.425198	22.65639	22.73083	22.78858
40552	0.489597	0.399361	0.365903	0.508441	0.453993	0.448569	0.498639	0.539406	0.415521	22.91691	22.93458	22.90372
40553	0.490764	0.396177	0.361885	0.505563	0.449792	0.444122	0.492587	0.533139	0.408858	23.01253	23.06642	23.04149
40554	0.526549	0.424854	0.365424	0.526875	0.460205	0.444042	0.520771	0.570806	0.422035	23.17941	23.14955	23.08889
40555	0.566375	0.475865	0.41875	0.569587	0.518135	0.477483	0.593993	0.607368	0.474306	23.51979	23.51705	23.38847
40556	0.566354	0.472622	0.416142	0.572434	0.515649	0.48076	0.593997	0.608486	0.486111	23.17347	23.30524	23.33128
40557	0.569503	0.472351	0.415514	0.581215	0.519101	0.485024	0.605819	0.619851	0.490285	22.86955	23.02771	23.13628
40558	0.566927	0.467424	0.413135	0.576177	0.5155	0.482333	0.59576	0.613003	0.477337	23.00497	23.07778	23.10642
40559	0.546559	0.449715	0.403542	0.556528	0.503337	0.478882	0.563153	0.589847	0.46826	23.39191	23.27292	23.17222

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40560	0.51866	0.421052	0.381694	0.527587	0.474788	0.463396	0.524941	0.561549	0.438608	23.4524	23.42694	23.36993
40561	0.510583	0.412045	0.373444	0.520493	0.465226	0.455767	0.512976	0.553865	0.426253	23.72701	23.57396	23.43851
40562	0.497163	0.400708	0.366785	0.511747	0.453986	0.447937	0.499583	0.541545	0.415503	24.09837	23.92264	23.70743
40563	0.486243	0.392069	0.36083	0.503622	0.442486	0.440757	0.488875	0.530844	0.406889	23.83049	23.81757	23.75479
40564	0.475705	0.38475	0.355094	0.494792	0.432608	0.432861	0.47801	0.516747	0.399684	23.74316	23.73726	23.70319
40565	0.463948	0.378042	0.349604	0.485503	0.425326	0.425302	0.466913	0.502243	0.392809	23.59806	23.62042	23.63826
40566	0.450594	0.371347	0.343583	0.47574	0.416986	0.416948	0.456017	0.488049	0.386406	23.18531	23.37132	23.51243
40567	0.437913	0.365535	0.337583	0.465313	0.408753	0.40875	0.446604	0.473712	0.380924	22.72451	22.90517	23.15465
40568	0.430465	0.361382	0.332774	0.458833	0.402833	0.40284	0.438535	0.465437	0.376031	23.09826	23.11479	23.17726
40569	0.424101	0.35826	0.328687	0.452694	0.396681	0.396691	0.430493	0.459323	0.370844	23.34253	23.29222	23.28795
40570	0.424531	0.357083	0.325913	0.448868	0.392073	0.392014	0.425434	0.458976	0.366465	23.29483	23.33441	23.37188
40571	0.429097	0.357677	0.323313	0.448035	0.386951	0.386941	0.423396	0.458569	0.362316	22.94497	23.01281	23.16146
40572	0.503938	0.412993	0.332542	0.485729	0.402007	0.391993	0.502396	0.531826	0.419608	23.42378	23.35368	23.3124
40573	0.47592	0.401594	0.345285	0.472542	0.407493	0.398271	0.477569	0.504194	0.419007	23.37938	23.40014	23.40576
40574	0.455809	0.384309	0.339538	0.457472	0.398198	0.39551	0.453969	0.4835	0.400063	22.90104	23.03684	23.20628
40575	0.443885	0.374108	0.334816	0.449267	0.391292	0.391264	0.440066	0.468847	0.38751	23.27236	23.24333	23.25559
40576	0.435069	0.366858	0.330545	0.443993	0.385753	0.385726	0.430549	0.458049	0.37724	23.70233	23.58618	23.47455
40577	0.439125	0.363948	0.327	0.440076	0.382483	0.382458	0.424295	0.45901	0.369382	23.72108	23.67451	23.60563
40578	0.508663	0.425938	0.345587	0.461944	0.389514	0.385458	0.521542	0.533444	0.449493	23.65538	23.66066	23.64083
40579	0.529757	0.447163	0.386274	0.501681	0.420677	0.397844	0.549705	0.563813	0.473799	23.15146	23.37365	23.52719
40580	0.491969	0.416174	0.374826	0.493403	0.437507	0.415517	0.496146	0.520156	0.435479	22.77201	22.89833	23.11017
40581	0.472646	0.398313	0.360691	0.47749	0.422326	0.411288	0.469688	0.498337	0.41349	23.20403	23.16934	23.18774
40582	0.459399	0.387611	0.352552	0.467111	0.410309	0.406115	0.452552	0.48191	0.400069	23.40972	23.4066	23.38188
40583	0.487278	0.402663	0.349483	0.466323	0.405354	0.40159	0.481847	0.521038	0.397733	23.56441	23.54135	23.48979
40584	0.465354	0.390045	0.347472	0.457826	0.399597	0.397583	0.459042	0.488788	0.394194	23.69351	23.67378	23.60517
40585	0.466274	0.385156	0.342708	0.452858	0.393667	0.393635	0.443594	0.486333	0.385597	23.78028	23.77851	23.70885
40586	0.487309	0.402198	0.342094	0.456337	0.392833	0.38967	0.480017	0.524156	0.388483	23.84573	23.82844	23.76389
40587	0.527979	0.441483	0.386035	0.508684	0.444858	0.414507	0.541611	0.566757	0.457806	23.6033	23.73552	23.76767
40588	0.554299	0.466747	0.407753	0.546413	0.487719	0.451517	0.583583	0.599125	0.486052	23.26007	23.42743	23.53715
40589	0.544212	0.457667	0.403688	0.545344	0.493507	0.459368	0.564108	0.589028	0.473486	23.18576	23.33903	23.43635
40590	0.520903	0.438774	0.390646	0.526198	0.476066	0.451146	0.528014	0.561858	0.448122	23.50163	23.47986	23.44448
40591	0.501625	0.416705	0.371167	0.510469	0.455681	0.438806	0.498535	0.539361	0.425778	23.40215	23.49788	23.53417

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40592	0.496917	0.414264	0.367865	0.507642	0.453177	0.435271	0.49442	0.538764	0.420632	23.57622	23.58156	23.55479
40593	0.484087	0.400767	0.360434	0.498479	0.440826	0.428726	0.471514	0.527833	0.407514	23.56094	23.59497	23.58747
40594	0.52967	0.445455	0.389045	0.541024	0.480559	0.445972	0.5555	0.577455	0.466677	23.50118	23.60441	23.62545
40595	0.491122	0.412663	0.371215	0.503875	0.452424	0.437993	0.488813	0.535465	0.425969	23.43163	23.52347	23.55885
40596	0.475243	0.398219	0.360069	0.490597	0.437326	0.428344	0.466309	0.516681	0.40833	23.3874	23.50094	23.54684
40597	0.463816	0.388747	0.352497	0.479826	0.425892	0.420444	0.451441	0.502872	0.396278	23.2517	23.39358	23.47941
40598	0.454872	0.382347	0.347111	0.471403	0.415142	0.414167	0.440972	0.48924	0.387392	23.35212	23.43472	23.47219
40599	0.450757	0.377757	0.342417	0.469677	0.406198	0.40551	0.433944	0.482431	0.38025	23.65719	23.65615	23.59403
40600	0.539771	0.457476	0.385302	0.554017	0.487226	0.438111	0.568056	0.579705	0.469038	24.15569	24.07253	23.88542
40601	0.555503	0.475427	0.411319	0.568351	0.507465	0.466958	0.589691	0.600399	0.480611	23.91958	24.03382	24.00076
40602	0.569104	0.486153	0.414514	0.580771	0.524274	0.476726	0.600708	0.612153	0.484483	23.76045	23.87156	23.87556
40603	0.54766	0.466142	0.403434	0.561326	0.504396	0.467799	0.56384	0.588191	0.473097	23.83545	23.85875	23.8001
40604	0.504712	0.423083	0.373889	0.52824	0.460906	0.444885	0.493108	0.545948	0.426337	23.6725	23.8308	23.84705
40605	0.494531	0.413611	0.364792	0.521941	0.452851	0.436372	0.481684	0.53867	0.412538	23.23483	23.44983	23.60597
40606	0.497681	0.411896	0.360708	0.532434	0.45649	0.433483	0.477771	0.543486	0.40492	23.13014	23.35198	23.49799
40607	0.480604	0.402198	0.357076	0.508365	0.441642	0.428274	0.462566	0.519111	0.398656	23.09083	23.25323	23.37069
40608	0.468184	0.39275	0.35126	0.494878	0.428247	0.419837	0.446694	0.502427	0.389878	23.07035	23.21861	23.32333
40609	0.457368	0.38459	0.345788	0.481885	0.413785	0.411115	0.43474	0.487997	0.381597	23.07635	23.2142	23.31267
40610	0.458691	0.380875	0.341767	0.483747	0.406122	0.404566	0.429747	0.485431	0.376094	23.42184	23.48361	23.4633
40611	0.47267	0.388788	0.341076	0.49924	0.417184	0.403865	0.434608	0.496375	0.374302	23.70729	23.68198	23.58569
40612	0.454215	0.380038	0.338045	0.477792	0.405399	0.399236	0.426135	0.477976	0.369778	23.54576	23.64618	23.64399
40613	0.443569	0.371747	0.332563	0.46566	0.392215	0.391969	0.417743	0.466229	0.363576	23.21194	23.40802	23.52233
40614	0.505979	0.424181	0.354365	0.51884	0.442906	0.410965	0.50926	0.539368	0.442257	23.20781	23.36472	23.45069
40615	0.475226	0.399372	0.346347	0.489743	0.422319	0.40566	0.457913	0.502795	0.408215	23.41212	23.47375	23.47441
40616	0.501785	0.418556	0.349979	0.515563	0.445229	0.407892	0.506625	0.538396	0.440972	23.47934	23.56222	23.55337
40617	0.473389	0.397608	0.345458	0.485771	0.419951	0.403045	0.456149	0.501517	0.407799	23.30229	23.44205	23.50632
40618	0.456944	0.383847	0.338458	0.468833	0.401545	0.394378	0.431806	0.480215	0.389017	23.35365	23.46715	23.5042
40619	0.506378	0.417708	0.359385	0.521497	0.442087	0.405094	0.49908	0.540576	0.42291	23.10639	23.33319	23.4576
40620	0.514497	0.434882	0.379267	0.533813	0.464177	0.431639	0.519642	0.556847	0.447385	23.18097	23.29017	23.34896
40621	0.519903	0.439969	0.378493	0.539319	0.475215	0.434851	0.53058	0.566132	0.450823	22.90552	23.13771	23.29292
40622	0.518198	0.437094	0.377507	0.540927	0.47924	0.437931	0.524111	0.566031	0.447132	22.82743	23.02806	23.16851
40623	0.517	0.433785	0.374174	0.541021	0.477413	0.436656	0.505372	0.557913	0.430632	22.75781	22.94851	23.09049

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40624	0.509017	0.431833	0.379069	0.527135	0.470302	0.43791	0.508653	0.554941	0.43883	22.72712	22.90878	23.03792
40625	0.488517	0.411212	0.365691	0.505201	0.447889	0.428389	0.469257	0.524778	0.414153	22.72972	22.86583	22.98073
40626	0.474396	0.399104	0.356712	0.490892	0.431563	0.418799	0.445819	0.504135	0.398528	23.17451	23.1991	23.15965
40627	0.463399	0.389344	0.349431	0.478628	0.417146	0.40892	0.42899	0.485906	0.385965	23.47628	23.44361	23.35017
40628	0.452861	0.381083	0.342483	0.467601	0.404521	0.398472	0.417878	0.470295	0.374615	24.09583	23.9374	23.68799
40629	0.443038	0.373503	0.335976	0.457524	0.392931	0.389201	0.409517	0.458556	0.364927	24.52066	24.35799	24.05861
40630	0.43391	0.36701	0.330063	0.446809	0.381427	0.381403	0.400257	0.447788	0.356556	24.81319	24.65552	24.34684
40631	0.446139	0.371014	0.326403	0.46434	0.392479	0.382587	0.39434	0.450444	0.349812	25.05889	24.92597	24.61184
40632	0.442194	0.370017	0.325306	0.457969	0.389993	0.38058	0.390097	0.43883	0.343309	25.20757	25.09208	24.79406
40633	0.425448	0.361188	0.320278	0.439035	0.373528	0.372247	0.379726	0.425212	0.332028	25.02111	24.98177	24.79844
40634	0.412608	0.354021	0.312573	0.4265	0.362153	0.361309	0.368406	0.413125	0.321069	24.9626	24.95747	24.80576
40635	0.399069	0.346872	0.302497	0.414188	0.352531	0.349358	0.35783	0.401111	0.311375	24.58076	24.7101	24.68955
40636	0.404229	0.343413	0.295045	0.417427	0.34816	0.342073	0.352128	0.395917	0.305965	24.09111	24.2941	24.40788
40637	0.39434	0.340788	0.291135	0.408323	0.345108	0.337906	0.348576	0.390653	0.304399	24.57691	24.55538	24.44236
40638	0.410431	0.347788	0.285705	0.438306	0.361868	0.339288	0.350653	0.406722	0.302212	24.33604	24.47111	24.4751
40639	0.456896	0.380632	0.289024	0.476382	0.413243	0.37217	0.388806	0.456024	0.302917	24.4676	24.48118	24.41205
40640	0.496715	0.423892	0.324556	0.515823	0.44941	0.413493	0.445045	0.495444	0.349587	23.92441	24.18073	24.31365
40641	0.50475	0.434118	0.363417	0.514913	0.453354	0.432719	0.473465	0.507767	0.422017	23.75986	23.94851	24.05292
40642	0.521361	0.447337	0.377941	0.534785	0.469368	0.443028	0.505611	0.542285	0.464701	23.76601	23.88146	23.93903
40643	0.500823	0.427073	0.36283	0.51691	0.451142	0.432073	0.464788	0.513389	0.420535	23.72941	23.86201	23.92503
40644	0.487024	0.414924	0.353118	0.504167	0.437104	0.42374	0.440948	0.487201	0.393483	23.8041	23.86358	23.88837
40645	0.481378	0.408302	0.345205	0.50184	0.439108	0.418972	0.417306	0.470247	0.376014	24.1342	24.1534	24.07715
40646	0.457868	0.390222	0.3365	0.474743	0.410833	0.406712	0.396465	0.44699	0.362941	23.79719	23.95833	24.03049
40647	0.441115	0.377809	0.32851	0.457976	0.393198	0.393215	0.379486	0.4285	0.351174	23.59035	23.76052	23.8767
40648	0.428191	0.368451	0.322	0.443885	0.380941	0.380868	0.368472	0.414816	0.341625	23.51878	23.64292	23.75653
40649	0.418299	0.360802	0.316115	0.432351	0.370462	0.370441	0.360743	0.405031	0.333267	23.98705	23.9859	23.925
40650	0.408514	0.354521	0.310597	0.422146	0.361733	0.361701	0.354865	0.397042	0.32591	24.02128	24.08021	24.05247
40651	0.400524	0.349559	0.305604	0.415156	0.355281	0.355267	0.350965	0.392285	0.320222	23.85149	23.92625	23.96358
40652	0.39351	0.344566	0.300146	0.408201	0.348861	0.348861	0.34741	0.388333	0.314792	24.20319	24.18993	24.09719
40653	0.386285	0.340056	0.294705	0.401035	0.342542	0.342552	0.343729	0.383628	0.309944	24.03872	24.09962	24.09628
40654	0.379802	0.335979	0.28967	0.394951	0.336882	0.336878	0.340233	0.378726	0.306066	24.14222	24.18694	24.1524
40655	0.372462	0.331375	0.285094	0.387233	0.330524	0.330521	0.336983	0.373351	0.302847	24.20649	24.22361	24.17788

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40656	0.363628	0.326066	0.280649	0.379285	0.322594	0.32258	0.333549	0.367431	0.299556	24.17069	24.23108	24.215
40657	0.356507	0.321142	0.275854	0.372444	0.31692	0.316906	0.330469	0.362799	0.296771	24.27958	24.30486	24.25038
40658	0.348969	0.315622	0.269889	0.365104	0.311014	0.31101	0.327094	0.357378	0.293101	24.44142	24.40306	24.30563
40659	0.340056	0.310038	0.263323	0.358368	0.304833	0.304823	0.323615	0.351743	0.289132	24.66163	24.585	24.44771
40660	0.362753	0.320278	0.258604	0.387052	0.328691	0.312	0.337847	0.374667	0.28716	25.1324	25.0175	24.7709
40661	0.391292	0.327483	0.259351	0.426306	0.360441	0.323656	0.336521	0.384302	0.289479	25.24108	25.14701	24.91927
40662	0.382788	0.322899	0.259549	0.415892	0.356944	0.325326	0.325035	0.368361	0.288281	25.24854	25.17441	24.98806
40663	0.357153	0.312722	0.258792	0.389587	0.327931	0.316705	0.321479	0.354385	0.2865	25.31663	25.26868	25.08799
40664	0.385503	0.338997	0.262865	0.408323	0.35301	0.324493	0.331493	0.37451	0.287587	24.61958	24.81014	24.88861
40665	0.413753	0.349372	0.265601	0.437208	0.378403	0.333885	0.32667	0.382944	0.287757	24.75597	24.77153	24.72833
40666	0.405087	0.346333	0.267799	0.425549	0.371757	0.337201	0.326083	0.370872	0.29241	24.79372	24.80722	24.75049
40667	0.461451	0.404569	0.34234	0.468573	0.414962	0.403941	0.435514	0.465944	0.413181	24.79455	24.80997	24.76372
40668	0.525076	0.448104	0.373101	0.540875	0.476844	0.462045	0.543069	0.556458	0.500431	24.32531	24.51309	24.58073
40669	0.502354	0.430514	0.361125	0.511358	0.454309	0.437177	0.517163	0.544854	0.474719	24.02951	24.19681	24.30455
40670	0.448847	0.389545	0.334958	0.455014	0.406358	0.404392	0.430802	0.474594	0.400264	24.51097	24.41184	24.32118
40671	0.497458	0.426274	0.356288	0.508399	0.451948	0.43726	0.505257	0.53342	0.465188	24.79337	24.81198	24.70705
40672	0.488493	0.420642	0.35041	0.500882	0.447174	0.426729	0.479563	0.527892	0.426229	24.78628	24.79559	24.72351
40673	0.491771	0.425104	0.358875	0.501097	0.448403	0.436285	0.502819	0.537125	0.465955	24.88153	24.87858	24.79017
40674	0.471344	0.406281	0.343753	0.483427	0.43174	0.418309	0.454017	0.509267	0.411917	25.06639	25.03264	24.90483
40675	0.44459	0.383222	0.32949	0.454264	0.402708	0.402115	0.423889	0.47224	0.38451	25.16368	25.13149	24.9883
40676	0.429757	0.369406	0.31966	0.440913	0.388979	0.389726	0.404594	0.450128	0.367656	25.34896	25.27476	25.09587
40677	0.415229	0.357677	0.31184	0.426472	0.37483	0.379938	0.38733	0.428576	0.354854	25.38056	25.34153	25.18903
40678	0.403573	0.348312	0.305337	0.416865	0.363285	0.369983	0.372962	0.410656	0.345024	25.5808	25.48326	25.29031
40679	0.390944	0.339403	0.298878	0.404597	0.352253	0.359038	0.360049	0.394868	0.335708	25.66951	25.62063	25.42979
40680	0.376899	0.330712	0.292208	0.392826	0.341931	0.347962	0.349663	0.380625	0.326451	25.23465	25.30781	25.28844
40681	0.366222	0.323545	0.285497	0.383698	0.333014	0.337927	0.342302	0.369806	0.31824	25.46826	25.43816	25.31278
40682	0.356858	0.317628	0.278806	0.374306	0.324958	0.328986	0.336517	0.360229	0.31067	25.44941	25.45875	25.35844
40683	0.349181	0.312979	0.272274	0.365882	0.317726	0.32184	0.332472	0.352847	0.304076	25.3975	25.41403	25.33392
40684	0.342642	0.309493	0.267063	0.358604	0.311823	0.316576	0.329354	0.344972	0.298896	25.46674	25.45299	25.35257
40685	0.396288	0.322948	0.264483	0.403188	0.311535	0.313507	0.329615	0.386458	0.296503	25.37972	25.47951	25.42142
40686	0.392903	0.329118	0.265118	0.406212	0.319531	0.314635	0.333431	0.384226	0.296403	24.79965	24.95118	25.06535
40687	0.360149	0.315174	0.264052	0.378847	0.311458	0.31141	0.329878	0.352764	0.295285	25.14247	25.14997	25.0934

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C
40688	0.34258	0.308076	0.261587	0.361194	0.307076	0.308236	0.32717	0.339479	0.292566	25.24747	25.25208	25.17712
40689	0.333083	0.304205	0.258438	0.350729	0.302285	0.305601	0.325042	0.332771	0.28967	25.36483	25.36556	25.26826
40690	0.326378	0.300625	0.255295	0.344431	0.29749	0.302583	0.322795	0.327434	0.287375	25.44361	25.44913	25.34149
40691	0.366462	0.339469	0.285066	0.383597	0.335979	0.33308	0.375156	0.37317	0.340701	25.13601	25.26882	25.28649
40692	0.42099	0.386368	0.32641	0.441476	0.393997	0.388191	0.421785	0.439132	0.389413	25.15483	25.21972	25.20795
40693	0.440802	0.404549	0.33841	0.459108	0.415226	0.404701	0.454847	0.468097	0.417083	25.2783	25.28233	25.2166
40694	0.456323	0.413115	0.347438	0.472812	0.42576	0.41592	0.476326	0.495781	0.440292	25.4483	25.43719	25.32823
40695	0.465559	0.418951	0.354233	0.480698	0.430201	0.424122	0.496632	0.507931	0.464566	25.21406	25.3249	25.33247
40696	0.461799	0.41201	0.350719	0.479688	0.42559	0.425667	0.476528	0.498378	0.440083	25.05292	25.1517	25.16524
40697	0.434819	0.396656	0.339253	0.455337	0.40841	0.408941	0.451813	0.474747	0.414642	24.91747	24.9392	24.95517
40698	0.433965	0.391403	0.330267	0.453024	0.404281	0.404764	0.446833	0.465306	0.410809	25.36451	25.34545	25.22802
40699	0.453882	0.406049	0.340976	0.471507	0.418944	0.413306	0.473983	0.490069	0.436677	25.13708	25.25215	25.25799
40700	0.450167	0.402597	0.339413	0.470524	0.41675	0.40976	0.472333	0.493396	0.416385	24.97795	25.0717	25.12014
40701	0.424253	0.384424	0.328278	0.446347	0.399125	0.398632	0.430927	0.456757	0.388233	25.2117	25.19851	25.14472
40702	0.400736	0.36458	0.316215	0.427413	0.37908	0.385965	0.400639	0.425691	0.365955	25.69358	25.57965	25.38337
40703	0.383115	0.350486	0.307472	0.413399	0.364438	0.375955	0.380653	0.402413	0.352212	26.2541	26.02764	25.69788
40704	0.36574	0.337528	0.29925	0.400045	0.351118	0.365062	0.363514	0.379965	0.340858	26.37583	26.24226	25.96021
40705	0.351073	0.326184	0.291358	0.388191	0.340122	0.354229	0.350625	0.361622	0.331257	26.22802	26.1866	26.01115
40706	0.435809	0.397264	0.339115	0.45466	0.410965	0.408538	0.45591	0.465792	0.424	25.86483	25.95333	25.93205
40707	0.459347	0.406625	0.344569	0.473802	0.42491	0.415639	0.47941	0.494858	0.439743	25.90243	25.91191	25.83816
40708	0.438771	0.384826	0.326212	0.455236	0.405774	0.39759	0.430438	0.466038	0.384701	25.86802	25.9216	25.8633
40709	0.472576	0.412469	0.345639	0.487799	0.435792	0.425434	0.485042	0.503958	0.433767	25.17701	25.43201	25.59781
40710	0.49533	0.433451	0.370858	0.500823	0.452354	0.448229	0.510306	0.524698	0.469365	24.5201	24.78385	24.96854
40711	0.448389	0.401278	0.34351	0.464052	0.416264	0.41426	0.453288	0.480333	0.413663	24.63361	24.63767	24.69705
40712	0.431441	0.38125	0.326052	0.457628	0.40008	0.399181	0.421382	0.456785	0.378559	25.36385	25.32667	25.19472
40713	0.411927	0.368486	0.318174	0.439691	0.388469	0.390771	0.403476	0.434701	0.364677	25.22722	25.24378	25.22483
40714	0.444017	0.393243	0.340948	0.465667	0.411455	0.415552	0.446757	0.468139	0.408601	25.31979	25.38139	25.37278
40715	0.455267	0.404521	0.345389	0.476059	0.422347	0.417174	0.463656	0.493948	0.416948	25.2699	25.25826	25.25556
40716	0.430559	0.379997	0.327792	0.453937	0.399045	0.400156	0.422604	0.454222	0.381063	25.36451	25.44045	25.42153
40717	0.445854	0.384972	0.322462	0.472813	0.406701	0.397083	0.421962	0.472569	0.367951	25.25872	25.29618	25.31156
40718	0.478563	0.41475	0.349472	0.499389	0.438865	0.425688	0.471965	0.505812	0.410469	25.28521	25.36997	25.3858
40719	0.458663	0.405243	0.347549	0.479347	0.423122	0.420622	0.466149	0.496931	0.419625	25.06524	25.1016	25.16156

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40720	0.473767	0.411802	0.344809	0.494493	0.433649	0.421694	0.492365	0.512083	0.431559	25.25608	25.31104	25.29608
40721	0.43516	0.384615	0.331625	0.462858	0.403125	0.405934	0.433802	0.468795	0.388198	25.22931	25.23323	25.22611
40722	0.422299	0.37076	0.321503	0.455378	0.391177	0.397497	0.414153	0.451476	0.369458	25.54035	25.49403	25.39365
40723	0.47458	0.40126	0.32626	0.498313	0.428128	0.405097	0.474847	0.510576	0.382462	25.40069	25.44722	25.42882
40724	0.447132	0.387878	0.327625	0.468726	0.408236	0.405312	0.434483	0.473847	0.379635	25.58674	25.53774	25.44774
40725	0.463059	0.399972	0.336601	0.483028	0.42092	0.413865	0.465455	0.496878	0.405184	25.17191	25.34976	25.43354
40726	0.45624	0.397128	0.340049	0.474438	0.415698	0.415188	0.454535	0.492406	0.404476	24.80503	24.96	25.11299
40727	0.450983	0.383483	0.326031	0.474795	0.404497	0.403378	0.428205	0.482715	0.376955	24.91868	24.98205	25.05097
40728	0.466823	0.401642	0.339128	0.486312	0.424288	0.419708	0.461983	0.498038	0.402021	25.18146	25.17809	25.1459
40729	0.460097	0.399833	0.341243	0.476875	0.416726	0.421424	0.458264	0.499538	0.407476	25.4758	25.38802	25.28368
40730	0.436549	0.375955	0.32374	0.456868	0.393437	0.40834	0.419573	0.46676	0.375326	25.58847	25.54361	25.4409
40731	0.421462	0.363201	0.314663	0.446309	0.380156	0.399917	0.401576	0.451583	0.360569	25.7891	25.68941	25.54656
40732	0.409201	0.354035	0.307938	0.435819	0.36959	0.391969	0.38809	0.434823	0.350285	25.81677	25.75903	25.64014
40733	0.398208	0.345583	0.302056	0.425389	0.360451	0.384021	0.376347	0.419444	0.342396	25.88285	25.83139	25.70892
40734	0.477656	0.419639	0.347174	0.493226	0.432042	0.426681	0.496024	0.515507	0.449135	25.69608	25.70281	25.66455
40735	0.484924	0.421722	0.347611	0.502604	0.442476	0.437872	0.500597	0.525396	0.439788	25.66847	25.72479	25.69003
40736	0.465365	0.409868	0.347128	0.484691	0.424667	0.430149	0.470493	0.508319	0.424205	25.12979	25.26451	25.40181
40737	0.5105	0.446764	0.386715	0.519243	0.470597	0.475146	0.521191	0.554399	0.471434	24.24066	24.415	24.53069
40738	0.470785	0.406875	0.342208	0.491028	0.424715	0.426524	0.458024	0.516257	0.40467	24.34715	24.40625	24.51538
40739	0.505052	0.441222	0.367549	0.51992	0.467903	0.457979	0.513972	0.551878	0.447851	24.38108	24.50583	24.62365
40740	0.501708	0.440378	0.373038	0.509872	0.457771	0.455993	0.51292	0.549823	0.459007	24.35917	24.44236	24.53601
40741	0.471681	0.408611	0.345941	0.482448	0.42425	0.429167	0.462378	0.520799	0.410722	24.81281	24.73049	24.6649
40742	0.50334	0.443229	0.377396	0.51433	0.460576	0.455073	0.522681	0.555319	0.468233	24.66052	24.69115	24.7167
40743	0.459812	0.39826	0.337924	0.479351	0.413622	0.423097	0.449646	0.510531	0.401167	24.86014	24.81542	24.78569
40744	0.443438	0.381417	0.325347	0.466993	0.396802	0.412007	0.426646	0.488733	0.380764	25.3001	25.18292	25.03736
40745	0.495594	0.433281	0.364858	0.513958	0.450865	0.444979	0.511438	0.543653	0.461215	25.41392	25.31243	25.18545
40746	0.494712	0.431021	0.359719	0.515715	0.452733	0.444101	0.508285	0.545771	0.446208	25.1292	25.22972	25.24632
40747	0.49284	0.431073	0.360677	0.51292	0.449837	0.439872	0.508698	0.546028	0.450708	24.82986	24.90549	24.99281
40748	0.485993	0.421372	0.349174	0.509826	0.44358	0.435417	0.495951	0.539726	0.423229	24.7533	24.82135	24.90184
40749	0.500823	0.442951	0.372372	0.519243	0.457882	0.451799	0.51674	0.553108	0.464007	25.07264	24.99951	24.93351
40750	0.492378	0.434021	0.366479	0.511986	0.449889	0.447521	0.503788	0.550215	0.450674	24.86684	24.92618	24.96872
40751	0.467972	0.405941	0.343052	0.493448	0.421674	0.426441	0.463014	0.536031	0.411111	25.21767	25.10806	25.01476

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C
40752	0.473479	0.408778	0.345056	0.498226	0.424583	0.428115	0.453878	0.530851	0.392507	25.23559	25.21781	25.16458
40753	0.489573	0.42958	0.358778	0.520469	0.449687	0.442146	0.490222	0.556392	0.40234	24.76497	24.91969	25.04813
40754	0.496163	0.432003	0.358701	0.519174	0.452997	0.441806	0.497615	0.553243	0.42542	24.62545	24.74462	24.86997
40755	0.491538	0.429503	0.35733	0.518101	0.449594	0.439069	0.493014	0.558715	0.435833	24.56281	24.62056	24.72639
40756	0.473729	0.412465	0.346434	0.501438	0.430326	0.429563	0.470042	0.540806	0.410979	24.89747	24.8226	24.79694
40757	0.455722	0.389892	0.329167	0.481833	0.407174	0.415924	0.441618	0.516292	0.391628	25.11417	25.0625	24.99719
40758	0.451465	0.381469	0.321413	0.479385	0.399049	0.408951	0.429878	0.50809	0.380087	24.8183	24.88115	24.95132
40759	0.439163	0.371976	0.314917	0.466615	0.38909	0.401201	0.416451	0.494194	0.371076	25.15472	25.04573	24.98146
40760	0.431774	0.361115	0.307302	0.458622	0.375816	0.391594	0.402375	0.477017	0.362632	25.38337	25.29628	25.19181
40761	0.45174	0.368826	0.302851	0.484545	0.389476	0.386604	0.398181	0.485875	0.356903	25.3774	25.30455	25.23948
40762	0.445743	0.370597	0.300819	0.475729	0.389795	0.384698	0.416969	0.48734	0.353552	25.60816	25.5034	25.37424
40763	0.456934	0.388865	0.303726	0.483771	0.400226	0.384917	0.447858	0.511424	0.363757	25.70997	25.59365	25.46497
40764	0.433608	0.364618	0.299701	0.457556	0.377271	0.378972	0.408618	0.476417	0.357372	25.83819	25.70802	25.56323
40765	0.443917	0.362955	0.295802	0.471444	0.379493	0.374493	0.396976	0.481156	0.35124	25.78094	25.77076	25.68663
40766	0.468378	0.393927	0.300257	0.495021	0.41599	0.384167	0.449646	0.515944	0.355833	25.33104	25.39622	25.45458
40767	0.485719	0.420837	0.335726	0.515257	0.434128	0.399833	0.488962	0.53766	0.41184	25.08177	25.19191	25.29385
40768	0.488469	0.426212	0.356128	0.52958	0.446059	0.429045	0.500969	0.547399	0.447896	24.79118	24.93694	25.09142
40769	0.482694	0.415073	0.344281	0.529917	0.439788	0.428559	0.484576	0.544274	0.424778	24.64059	24.74146	24.89632
40770	0.492642	0.429361	0.35509	0.535875	0.453604	0.440222	0.502396	0.555625	0.43651	24.63476	24.73934	24.86351
40771	0.482934	0.41967	0.352424	0.529267	0.444809	0.438125	0.490184	0.550417	0.44126	24.33778	24.45156	24.63924
40772	0.463066	0.394764	0.332931	0.510333	0.418226	0.418212	0.448663	0.519483	0.401205	24.82948	24.76715	24.74677
40773	0.452087	0.380253	0.322438	0.496302	0.404208	0.40717	0.428424	0.499781	0.384826	25.29045	25.13781	24.99823
40774	0.438785	0.365931	0.313087	0.478882	0.388462	0.397955	0.409938	0.47716	0.372274	25.2451	25.19663	25.14792
40775	0.424694	0.355139	0.30483	0.46601	0.37626	0.388094	0.396215	0.459847	0.362556	25.34774	25.31264	25.24958
40776	0.424076	0.349201	0.298865	0.468681	0.370795	0.37966	0.388236	0.448712	0.355444	25.18083	25.18597	25.20385
40777	0.43408	0.349983	0.295097	0.481917	0.374024	0.37409	0.384538	0.445802	0.35034	25.54462	25.41851	25.29993
40778	0.448385	0.378726	0.320174	0.486319	0.401278	0.391212	0.431521	0.471458	0.393354	25.41316	25.43969	25.41656
40779	0.47117	0.405226	0.342528	0.503757	0.431205	0.424872	0.468986	0.515549	0.425865	25.1274	25.18448	25.25413
40780	0.466538	0.388028	0.325139	0.503031	0.420365	0.410646	0.435229	0.49508	0.392378	25.0016	25.08222	25.16712
40781	0.477868	0.40451	0.336056	0.512663	0.439698	0.417253	0.457094	0.505431	0.409059	25.22285	25.18569	25.16753
40782	0.47875	0.409646	0.345378	0.51317	0.440306	0.426285	0.476719	0.525889	0.431944	25.33639	25.27326	25.23267
40783	0.489799	0.419167	0.35017	0.527205	0.453674	0.427427	0.489774	0.537712	0.436087	25.14757	25.25927	25.31569

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40784	0.47834	0.408653	0.344813	0.513562	0.442538	0.428965	0.473764	0.53167	0.428372	24.68969	24.78604	24.96021
40785	0.479705	0.409642	0.344274	0.510816	0.439285	0.423142	0.477965	0.525813	0.426972	25.21729	25.15892	25.10458
40786	0.477247	0.407837	0.343701	0.510094	0.440333	0.423507	0.472656	0.530253	0.425267	25.36642	25.28538	25.2234
40787	0.482955	0.414309	0.349535	0.513212	0.44575	0.426615	0.484753	0.532951	0.431069	25.49535	25.48649	25.41073
40788	0.503177	0.436528	0.367976	0.529535	0.465875	0.443851	0.512378	0.553128	0.460059	24.92083	25.07701	25.22306
40789	0.503444	0.430997	0.355878	0.537118	0.462872	0.435934	0.514656	0.564611	0.444063	24.65281	24.74389	24.91122
40790	0.496663	0.424587	0.35483	0.536104	0.460965	0.435979	0.501403	0.559503	0.441736	24.98608	24.96344	24.97399
40791	0.480031	0.403493	0.33659	0.516965	0.442503	0.422979	0.460646	0.533851	0.404472	24.90792	24.93146	24.98972
40792	0.461038	0.384187	0.324413	0.49266	0.415705	0.41125	0.436663	0.504955	0.388052	25.14972	25.05542	25.03191
40793	0.480517	0.411024	0.346854	0.507694	0.435882	0.418722	0.483722	0.524712	0.431795	25.37635	25.35983	25.2959
40794	0.485066	0.410819	0.343625	0.520653	0.44409	0.424243	0.477628	0.533819	0.421906	25.04069	25.0959	25.16993
40795	0.471031	0.395309	0.330663	0.510135	0.432472	0.415375	0.449733	0.519097	0.395958	25.34476	25.23889	25.17438
40796	0.465986	0.385285	0.321066	0.511007	0.423493	0.407139	0.433108	0.509719	0.381174	25.41965	25.37382	25.31785
40797	0.478115	0.395028	0.320135	0.521361	0.442924	0.412844	0.475236	0.535448	0.394653	25.04313	25.14559	25.23538
40798	0.4735	0.393781	0.322479	0.51484	0.434924	0.412108	0.459951	0.528767	0.392906	25.2517	25.19524	25.16917
40799	0.459226	0.37859	0.315441	0.499427	0.414378	0.402278	0.431437	0.502323	0.376219	25.39663	25.31837	25.2574
40800	0.443819	0.36526	0.307465	0.482115	0.39658	0.393049	0.412448	0.480573	0.364976	25.5867	25.48622	25.38326
40801	0.431385	0.354247	0.299878	0.474514	0.384132	0.383115	0.399309	0.457858	0.356243	25.45375	25.47483	25.44979
40802	0.429069	0.348743	0.293684	0.480184	0.38067	0.374448	0.388361	0.443806	0.349278	25.25399	25.27705	25.3126
40803	0.445326	0.356802	0.291851	0.503802	0.400656	0.372059	0.385972	0.452066	0.345351	25.0016	25.1066	25.21608
40804	0.42908	0.349569	0.29074	0.48524	0.388628	0.371417	0.382913	0.434128	0.343097	25.04559	25.07458	25.1251
40805	0.455184	0.382222	0.314024	0.499767	0.417038	0.397361	0.443271	0.474563	0.40224	25.2383	25.22868	25.21233
40806	0.468691	0.396316	0.329014	0.505965	0.428823	0.414951	0.461007	0.500712	0.416795	25.16726	25.19691	25.21073
40807	0.445965	0.371962	0.310868	0.481698	0.399677	0.39692	0.427733	0.462177	0.385955	24.98201	25.02868	25.09944
40808	0.426361	0.354938	0.298931	0.465399	0.38141	0.382229	0.40524	0.433316	0.368993	25.11792	25.11983	25.12705
40809	0.439583	0.357042	0.290615	0.480639	0.383552	0.375372	0.38984	0.432045	0.35651	25.21396	25.2166	25.19972
40810	0.484625	0.411809	0.331128	0.521677	0.443486	0.416319	0.487688	0.511382	0.443135	25.48111	25.39083	25.28885
40811	0.478733	0.399611	0.322458	0.526302	0.441417	0.409094	0.457955	0.509823	0.400135	25.29729	25.33698	25.34226
40812	0.467083	0.389243	0.318069	0.513882	0.427181	0.406587	0.444271	0.490132	0.385226	25.18069	25.2299	25.26559
40813	0.45076	0.374167	0.309531	0.49525	0.405104	0.397649	0.423753	0.463295	0.372892	25.41201	25.3216	25.2617
40814	0.431125	0.357219	0.298785	0.472733	0.383201	0.38251	0.399562	0.43049	0.359892	25.97906	25.78972	25.56649
40815	0.412774	0.342413	0.288146	0.451472	0.366368	0.366899	0.380972	0.405597	0.348	26.1116	25.98434	25.78885

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C
40816	0.395611	0.330927	0.278413	0.432594	0.352531	0.352819	0.368351	0.385549	0.33783	25.89927	25.90597	25.82899
40817	0.379219	0.322028	0.270274	0.416979	0.341142	0.341497	0.360587	0.366396	0.328892	25.39319	25.49667	25.58108
40818	0.45109	0.37449	0.306149	0.482785	0.385778	0.378128	0.422837	0.435278	0.385198	24.97483	25.14264	25.29118
40819	0.483319	0.417906	0.347497	0.522708	0.450028	0.427726	0.498219	0.51575	0.453115	24.75958	24.86163	25.01274
40820	0.459215	0.395177	0.33367	0.498587	0.42509	0.416306	0.454903	0.482868	0.409087	25.06208	25.06382	25.09444
40821	0.442719	0.379323	0.322493	0.476653	0.405458	0.404556	0.431042	0.453472	0.387969	25.34844	25.32101	25.26722
40822	0.471948	0.40983	0.341028	0.506392	0.437458	0.420205	0.485462	0.497403	0.443747	24.95274	25.0508	25.15538
40823	0.453618	0.389681	0.329562	0.486757	0.416389	0.411094	0.451014	0.475191	0.407674	25.12538	25.10566	25.11788
40824	0.444188	0.374344	0.316663	0.474153	0.394622	0.397503	0.42409	0.447524	0.384358	25.32566	25.29719	25.25538
40825	0.473865	0.403076	0.341413	0.503115	0.427677	0.423285	0.461497	0.475476	0.421733	25.0083	25.09431	25.18792
40826	0.496608	0.433837	0.366378	0.533378	0.465736	0.446243	0.526611	0.53934	0.475938	24.94726	24.97545	25.03667
40827	0.511667	0.444542	0.375149	0.540809	0.473865	0.451913	0.525851	0.547521	0.478611	25.01083	25.06882	25.11451
40828	0.508608	0.44299	0.373625	0.54559	0.474944	0.452514	0.53226	0.553771	0.477028	24.77146	24.85788	24.97042
40829	0.482986	0.414576	0.348441	0.523181	0.446212	0.429615	0.483844	0.526292	0.429344	24.85608	24.85538	24.90299
40830	0.492233	0.422073	0.346819	0.526097	0.45034	0.427997	0.500028	0.529608	0.437316	24.9274	24.95111	24.98733
40831	0.491378	0.42333	0.354559	0.530712	0.454858	0.434316	0.504003	0.53201	0.447142	24.91076	24.93153	24.97552
40832	0.487597	0.411514	0.337392	0.526747	0.444257	0.419399	0.492292	0.525941	0.420097	24.62747	24.75493	24.89823
40833	0.481285	0.412042	0.342406	0.521472	0.445083	0.423378	0.48991	0.52441	0.427497	24.46854	24.5525	24.70604
40834	0.462448	0.390833	0.328726	0.495875	0.417014	0.412076	0.452045	0.493368	0.395622	24.50174	24.56278	24.68194
40835	0.486861	0.417819	0.353212	0.515806	0.442264	0.434885	0.489247	0.51499	0.434503	24.43927	24.53434	24.66059
40836	0.514701	0.445059	0.36875	0.549649	0.477313	0.449111	0.537344	0.559639	0.464035	24.00285	24.18281	24.41257
40837	0.501424	0.430701	0.360486	0.544813	0.4655	0.442007	0.51474	0.548681	0.454076	23.71146	23.88003	24.13385
40838	0.497073	0.424806	0.34783	0.53742	0.455476	0.427632	0.507521	0.542583	0.430062	23.74712	23.85872	24.065
40839	0.503024	0.429767	0.354455	0.537649	0.458208	0.433545	0.511736	0.547792	0.44117	24.01444	24.03965	24.13823
40840	0.489222	0.419076	0.352566	0.52751	0.451556	0.434872	0.498316	0.537302	0.438903	24.19753	24.20333	24.25448
40841	0.466719	0.393424	0.331823	0.498878	0.419514	0.415642	0.456052	0.504267	0.400438	24.34149	24.30688	24.32969
40842	0.451115	0.378917	0.321326	0.478632	0.400972	0.404503	0.435701	0.480469	0.383771	24.53983	24.49163	24.4749
40843	0.519028	0.443524	0.364816	0.545899	0.477451	0.447569	0.543323	0.558493	0.474302	24.5717	24.55049	24.55135
40844	0.522309	0.452344	0.377563	0.560427	0.485549	0.459455	0.555688	0.573983	0.468757	24.6325	24.61788	24.61118
40845	0.533983	0.462073	0.385948	0.568542	0.505188	0.476983	0.555823	0.580694	0.488156	24.16545	24.27045	24.43451
40846	0.513826	0.43966	0.364587	0.551365	0.479493	0.450757	0.522167	0.562302	0.44717	24.20135	24.23882	24.33163
40847	0.525649	0.447997	0.368042	0.560444	0.492267	0.468785	0.519934	0.56575	0.439976	24.08778	24.17878	24.30281

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40848	0.528139	0.452396	0.376958	0.563997	0.496625	0.465771	0.538358	0.576962	0.462312	23.95667	24.01601	24.14729
40849	0.511424	0.433684	0.361503	0.54842	0.47416	0.448403	0.51242	0.559705	0.448021	24.30813	24.23115	24.22271
40850	0.542865	0.464247	0.386684	0.575347	0.509292	0.47059	0.557507	0.586639	0.467115	24.37802	24.36587	24.37392
40851	0.494486	0.41525	0.347521	0.531187	0.453969	0.433854	0.48633	0.543299	0.421955	24.31462	24.33667	24.37156
40852	0.478135	0.397927	0.334135	0.51001	0.43174	0.421253	0.463448	0.520882	0.40016	23.99132	24.05424	24.20188
40853	0.468365	0.386486	0.325354	0.496514	0.41459	0.41199	0.446674	0.502993	0.386264	24.43069	24.37875	24.35726
40854	0.518212	0.43899	0.361903	0.544646	0.476389	0.447844	0.524479	0.552215	0.452639	24.24392	24.26781	24.33573
40855	0.487368	0.411233	0.345111	0.518372	0.446785	0.43116	0.483521	0.528816	0.42108	24.26819	24.28299	24.32875
40856	0.487882	0.406556	0.333187	0.511545	0.434177	0.421528	0.480906	0.519587	0.40541	23.95868	24.03267	24.18698
40857	0.537667	0.466972	0.39291	0.565278	0.504021	0.48251	0.554194	0.585007	0.495052	23.57483	23.70382	23.92691
40858	0.491889	0.411045	0.343622	0.524382	0.445944	0.430059	0.479844	0.536184	0.416545	23.87378	23.86892	23.93309
40859	0.507778	0.424215	0.34725	0.538399	0.457212	0.429427	0.493826	0.545024	0.42226	23.86608	23.90715	23.99965
40860	0.556594	0.47759	0.395497	0.581569	0.516625	0.476389	0.572615	0.59924	0.508531	23.26899	23.4242	23.67174
40861	0.543163	0.461365	0.386146	0.573451	0.499392	0.462896	0.558226	0.589865	0.471187	23.33413	23.39028	23.53806
40862	0.504965	0.418472	0.350333	0.536177	0.456663	0.43599	0.491694	0.55134	0.424531	23.73049	23.65066	23.65104
40863	0.525889	0.440014	0.360795	0.559417	0.480451	0.444042	0.52508	0.573535	0.427153	24.11701	23.98705	23.91111
40864	0.528229	0.442271	0.361299	0.558205	0.482951	0.444569	0.534128	0.576628	0.435458	24.46212	24.32625	24.19219
40865	0.53874	0.457812	0.381764	0.572736	0.497156	0.460542	0.551493	0.593205	0.456535	24.06955	24.13507	24.19608
40866	0.505236	0.419566	0.352715	0.537229	0.458344	0.437979	0.497319	0.557903	0.426632	23.73035	23.79024	23.94122
40867	0.515438	0.426323	0.34633	0.547615	0.463795	0.43	0.511597	0.566896	0.41033	24.19983	24.10441	24.06983
40868	0.544896	0.458212	0.382927	0.579191	0.496458	0.45433	0.551396	0.594521	0.469889	24.17094	24.19028	24.21167
40869	0.519507	0.43241	0.359847	0.557663	0.474069	0.442146	0.515462	0.574556	0.438608	23.91872	23.9558	24.05601
40870	0.544028	0.454771	0.372795	0.577851	0.494823	0.453427	0.555701	0.596684	0.45542	23.92278	23.95031	24.0276
40871	0.561625	0.471403	0.395306	0.594847	0.511597	0.474472	0.579292	0.616691	0.485743	23.66274	23.7641	23.91483
40872	0.567372	0.472465	0.395323	0.596733	0.514479	0.474712	0.571944	0.617844	0.479479	23.56313	23.59372	23.71365
40873	0.557878	0.462417	0.385528	0.587368	0.50408	0.4635	0.552806	0.609212	0.463726	23.72205	23.67368	23.70837
40874	0.552507	0.456497	0.377118	0.581021	0.496066	0.452361	0.53326	0.601403	0.441656	24.1126	23.97691	23.89955
40875	0.543135	0.449198	0.374274	0.575976	0.492913	0.454156	0.53434	0.596243	0.450646	24.20889	24.1741	24.12681
40876	0.531073	0.437649	0.364781	0.559358	0.479406	0.44567	0.512938	0.583653	0.428559	23.3409	23.5566	23.82344
40877	0.513597	0.41434	0.344517	0.540618	0.457969	0.429931	0.48883	0.561538	0.408326	22.9851	23.19681	23.50337
40878	0.512087	0.410632	0.338899	0.541833	0.454517	0.424344	0.482253	0.556785	0.397785	22.72646	22.94618	23.27274
40879	0.504958	0.403396	0.334257	0.534323	0.449396	0.420465	0.473285	0.547007	0.390656	22.89549	22.96406	23.16618

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
40880	0.520243	0.422215	0.342611	0.544125	0.465347	0.42574	0.501601	0.559622	0.403437	22.89021	22.99451	23.20007
40881	0.519382	0.430375	0.357427	0.551028	0.477396	0.438743	0.518608	0.571708	0.426653	23.42611	23.30927	23.30997
40882	0.532434	0.441531	0.362663	0.563934	0.485837	0.44434	0.530455	0.578618	0.422587	23.74101	23.66017	23.61542
40883	0.513274	0.421167	0.353969	0.542299	0.467903	0.439517	0.504007	0.564472	0.424688	23.69632	23.68858	23.70993
40884	0.500413	0.402344	0.338385	0.523826	0.445462	0.425771	0.476795	0.544944	0.401014	23.41233	23.48236	23.61378
40885	0.511188	0.408712	0.333392	0.54159	0.447792	0.419556	0.471413	0.546153	0.388889	23.21688	23.31531	23.48958
40886	0.500063	0.401622	0.33124	0.531944	0.445844	0.417128	0.465403	0.536517	0.382844	23.31167	23.32403	23.43587
40887	0.533354	0.435212	0.352118	0.556476	0.480101	0.43733	0.528063	0.569573	0.402545	23.14514	23.23799	23.40889
40888	0.567444	0.475312	0.39841	0.59525	0.524979	0.475139	0.590149	0.61524	0.507538	23.35191	23.34774	23.41153
40889	0.57291	0.478444	0.400778	0.604642	0.526722	0.484323	0.589538	0.622344	0.492076	22.95993	23.06632	23.22552
40890	0.585375	0.501698	0.43158	0.615049	0.542302	0.501191	0.607955	0.63333	0.512549	22.74934	22.76656	22.86458
40891	0.557087	0.465681	0.387663	0.592236	0.511514	0.46575	0.561795	0.615288	0.457149	22.9699	22.89146	22.90115
40892	0.557208	0.464323	0.386153	0.594299	0.511715	0.466149	0.556757	0.612965	0.455299	23.05639	23.02931	23.04538
40893	0.534323	0.432903	0.357941	0.564896	0.479278	0.442316	0.509528	0.581299	0.425816	23.06622	23.01688	23.0499
40894	0.554347	0.458174	0.378451	0.58676	0.505813	0.45708	0.546823	0.603014	0.436965	23.02639	23.06559	23.13375
40895	0.533087	0.43441	0.362208	0.563281	0.480944	0.445392	0.518184	0.585997	0.433913	23.03215	22.97667	23.02826
40896	0.518885	0.414372	0.345562	0.542115	0.456767	0.431205	0.489535	0.565128	0.408139	22.97503	23.04267	23.13628
40897	0.518316	0.410785	0.338851	0.548708	0.45558	0.42491	0.480663	0.560108	0.395726	22.62528	22.67837	22.87646
40898	0.512858	0.404003	0.333823	0.535628	0.446038	0.420344	0.469274	0.547059	0.386944	23.27236	23.12868	23.0817
40899	0.548163	0.45299	0.359965	0.580566	0.495031	0.440059	0.523628	0.58958	0.40509	23.36712	23.33288	23.32392
40900	0.557215	0.470226	0.390038	0.588434	0.510788	0.464028	0.560094	0.607007	0.446514	23.51267	23.36948	23.31941
40901	0.546906	0.453524	0.3775	0.580476	0.500431	0.459892	0.541441	0.59749	0.45484	24.11576	23.89882	23.69628
40902	0.539215	0.437687	0.357017	0.574934	0.486687	0.441059	0.509819	0.586531	0.419385	23.64497	23.65313	23.6899
40903	0.534809	0.43524	0.358385	0.566465	0.483219	0.44274	0.514681	0.585885	0.416184	23.7274	23.65875	23.64708
40904	0.515823	0.409333	0.341722	0.537622	0.451146	0.427924	0.48242	0.559042	0.401014	23.61007	23.57611	23.61163
40905	0.521653	0.412038	0.334309	0.549198	0.4505	0.420309	0.47341	0.555601	0.388847	23.56913	23.57299	23.62306
40906	0.517649	0.415715	0.337059	0.548479	0.462128	0.421389	0.478184	0.556906	0.384712	23.58073	23.51444	23.55
40907	0.502413	0.396413	0.329229	0.523865	0.435153	0.415281	0.461028	0.53466	0.378281	23.92941	23.79257	23.71757
40908	0.538531	0.437573	0.345174	0.565785	0.474288	0.426708	0.50917	0.572347	0.377271	24.0109	23.92927	23.87
40909	0.523774	0.426101	0.352799	0.54874	0.468455	0.436049	0.500785	0.562941	0.389333	23.86906	23.80729	23.81365
40910	0.528899	0.43592	0.355264	0.558156	0.477632	0.436847	0.507792	0.573243	0.395976	23.9617	23.89139	23.87135
40911	0.542139	0.453038	0.379524	0.571729	0.493313	0.453385	0.543285	0.589774	0.418413	23.70299	23.73146	23.80281

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
41040												
41041												
41042	0.446272	0.382039	0.291689	0.46039	0.391929	0.375831	0.403917	0.395457	0.35985	25.29425	25.27594	25.20035
41043	0.507441	0.443149	0.365056	0.499701	0.457507	0.448906	0.513132	0.496802	0.480851	25.38149	25.34378	25.24299
41044	0.503889	0.434208	0.365024	0.493653	0.447851	0.445757	0.495549	0.493361	0.462149	25.06771	25.14677	25.17844
41045	0.488038	0.418535	0.34841	0.476993	0.427438	0.427799	0.472563	0.471851	0.436083	25.09729	25.04372	25.01861
41046	0.469274	0.393094	0.329122	0.446031	0.397486	0.408608	0.437007	0.436906	0.399799	25.38531	25.29448	25.18267
41047	0.453101	0.377698	0.31841	0.424208	0.379538	0.397688	0.41509	0.414955	0.384288	25.71184	25.55965	25.36736
41048	0.445177	0.366153	0.309646	0.416878	0.365399	0.388566	0.399514	0.398306	0.373007	25.69934	25.61285	25.4741
41049	0.472219	0.384024	0.312674	0.454194	0.397014	0.400076	0.417267	0.423188	0.389951	25.58563	25.5834	25.50437
41050	0.50192	0.424872	0.347066	0.497042	0.446069	0.431931	0.486802	0.483986	0.449934	25.26021	25.29031	25.30622
41051	0.48308	0.403573	0.332344	0.473771	0.417076	0.416837	0.451889	0.451753	0.411188	25.28264	25.26431	25.24441
41052	0.488545	0.405872	0.331146	0.478823	0.426701	0.421479	0.463021	0.463333	0.424549	25.50983	25.41767	25.31503
41053	0.534781	0.454854	0.37826	0.525472	0.477094	0.463833	0.543785	0.53884	0.494111	25.26663	25.24694	25.25007
41054	0.51442	0.435358	0.363934	0.499108	0.447299	0.444184	0.507503	0.505833	0.461208	25.52444	25.43368	25.32358
41055	0.510135	0.427424	0.350698	0.493191	0.439892	0.433809	0.498538	0.499622	0.444778	25.32531	25.36087	25.36299
41056	0.504684	0.415681	0.340083	0.488733	0.432604	0.427438	0.478573	0.489604	0.426188	25.06274	25.0749	25.13913
41057	0.51516	0.430944	0.352684	0.503247	0.450868	0.442813	0.507424	0.510042	0.456104	25.60017	25.44441	25.30358
41058	0.507486	0.422215	0.357944	0.48866	0.43775	0.446438	0.481451	0.494691	0.44076	25.79806	25.65781	25.53938
41059	0.512552	0.428837	0.357222	0.495278	0.44192	0.438858	0.495469	0.507785	0.453455	25.40705	25.36615	25.39378
41060	0.514885	0.429174	0.360892	0.49776	0.446938	0.448486	0.499872	0.511948	0.452142	25.43576	25.45722	25.45174
41061	0.502292	0.418521	0.348993	0.488215	0.431597	0.435774	0.480896	0.499979	0.438295	25.35462	25.27722	25.28066
41062	0.48476	0.397326	0.331045	0.478392	0.412545	0.422049	0.448309	0.473615	0.407021	25.75406	25.61993	25.48819
41063	0.468247	0.383938	0.322368	0.455514	0.396559	0.41409	0.432535	0.455656	0.393184	25.70035	25.62059	25.54358
41064	0.458326	0.374809	0.316639	0.442927	0.384063	0.407313	0.422142	0.443142	0.383851	25.49302	25.4858	25.48865
41065	0.447986	0.367024	0.31049	0.429837	0.373573	0.400111	0.411958	0.429104	0.376302	25.80958	25.66142	25.53441
41066	0.4315	0.356955	0.303347	0.41442	0.362837	0.391354	0.400771	0.408719	0.368545	25.94503	25.82795	25.69177
41067	0.439177	0.354865	0.297556	0.433115	0.373465	0.385521	0.392611	0.401424	0.362128	25.9001	25.82146	25.72326
41068	0.483601	0.391292	0.303972	0.488333	0.428747	0.406028	0.401042	0.444719	0.358299	25.91615	25.86083	25.76712
41069	0.506292	0.427514	0.339247	0.500941	0.450497	0.438878	0.478861	0.493177	0.414562	25.43247	25.5409	25.61826
41070	0.493622	0.409965	0.334674	0.484587	0.432542	0.427354	0.464979	0.481448	0.417503	25.30285	25.29497	25.34951
41071	0.544708	0.46374	0.386392	0.55074	0.510337	0.481007	0.550674	0.557705	0.482014	25.19233	25.27323	25.34552

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
41072	0.545347	0.463656	0.388094	0.550243	0.5095	0.478733	0.554892	0.565576	0.487878	24.54247	24.72764	24.9566
41073	0.50358	0.417729	0.347354	0.494448	0.439375	0.436521	0.475132	0.500788	0.428757	24.28233	24.38271	24.60476
41074	0.482663	0.398069	0.33216	0.473042	0.417868	0.420882	0.450392	0.47859	0.406066	24.77455	24.69667	24.70785
41075	0.465719	0.384146	0.322924	0.455229	0.40241	0.412674	0.434764	0.461024	0.392847	25.00184	24.94059	24.91201
41076	0.456024	0.37608	0.317694	0.444948	0.392267	0.406691	0.424809	0.447108	0.38409	24.92792	24.93014	24.95615
41077	0.480736	0.402396	0.342983	0.472406	0.427549	0.433073	0.463427	0.478802	0.420247	25.01993	25.01889	25.0276
41078	0.512208	0.430566	0.35701	0.508399	0.458576	0.445608	0.505639	0.516056	0.452313	24.97208	24.91576	24.92326
41079	0.484111	0.401927	0.33524	0.476931	0.423392	0.425233	0.454563	0.477969	0.411465	25.38545	25.21601	25.09361
41080	0.46417	0.384434	0.323517	0.455472	0.403257	0.413663	0.434403	0.456892	0.394663	26.01059	25.7559	25.47896
41081	0.446816	0.370111	0.313878	0.436681	0.386253	0.404	0.419188	0.43659	0.382299	26.07854	25.9049	25.68781
41082	0.472205	0.396347	0.33209	0.465587	0.417858	0.421608	0.46317	0.466153	0.406205	25.58642	25.65104	25.6476
41083	0.513427	0.43574	0.362236	0.508792	0.46925	0.453951	0.516837	0.521681	0.448247	25.11799	25.1974	25.30149
41084	0.49841	0.417361	0.348069	0.489444	0.446663	0.437865	0.485545	0.501958	0.434764	25.46924	25.37326	25.31181
41085	0.475108	0.392493	0.328993	0.462017	0.418083	0.419688	0.451302	0.472618	0.403729	25.65931	25.57135	25.47274
41086	0.457833	0.378587	0.319365	0.445417	0.401396	0.409906	0.434302	0.452052	0.388694	25.67531	25.65236	25.58
41087	0.446253	0.368628	0.312778	0.433278	0.388191	0.402646	0.421726	0.434201	0.378493	25.27833	25.32569	25.38847
41088	0.43208	0.358205	0.30433	0.419219	0.37392	0.393542	0.408531	0.413497	0.369198	25.53313	25.46323	25.40208
41089	0.517497	0.437608	0.354056	0.511778	0.469101	0.444375	0.522285	0.523997	0.458042	25.29712	25.38917	25.42556
41090	0.484708	0.402389	0.332292	0.474059	0.42475	0.422316	0.461167	0.480045	0.412882	24.98017	25.06323	25.17458
41091	0.473049	0.39101	0.324073	0.460066	0.412781	0.416115	0.447378	0.466306	0.397299	24.87469	24.97944	25.09236
41092	0.518719	0.442083	0.369076	0.515115	0.476611	0.459188	0.527365	0.528938	0.45967	24.99021	24.98896	25.01337
41093	0.523417	0.445545	0.367965	0.524212	0.481052	0.455153	0.528691	0.534535	0.45867	24.99392	25.02747	25.06038
41094	0.505583	0.418646	0.344372	0.499868	0.44583	0.433184	0.475292	0.502844	0.41976	25.03132	25.04115	25.05792
41095	0.533899	0.451375	0.359868	0.537604	0.493045	0.447396	0.527611	0.547174	0.428253	24.6749	24.82167	24.96264
41096	0.525177	0.446139	0.372292	0.526642	0.483785	0.463372	0.533125	0.542729	0.463306	24.19788	24.35153	24.58663
41097	0.517556	0.434642	0.356347	0.515823	0.469757	0.449125	0.50817	0.528597	0.433788	24.6566	24.6092	24.62601
41098	0.531892	0.452774	0.374427	0.538715	0.495323	0.465458	0.546601	0.556653	0.459465	24.76569	24.76135	24.7742
41099	0.517927	0.433924	0.356781	0.522174	0.470604	0.447149	0.504115	0.53275	0.441927	24.74174	24.71448	24.74573
41100	0.503944	0.415649	0.342413	0.502076	0.445497	0.432431	0.474778	0.510198	0.416354	24.94122	24.87316	24.84458
41101	0.519163	0.434083	0.352278	0.52083	0.468878	0.43884	0.514785	0.53559	0.424642	24.93194	24.89385	24.88889
41102	0.517778	0.433774	0.353528	0.518691	0.470024	0.446368	0.507101	0.533236	0.429094	25.18347	25.05767	24.9717
41103	0.516	0.433771	0.361281	0.517132	0.469608	0.452174	0.512847	0.533809	0.446118	25.12778	25.07625	25.04892

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C
41104	0.519118	0.434226	0.356181	0.520229	0.474687	0.451111	0.51792	0.537806	0.447795	24.95083	24.94656	24.98278
41105	0.535903	0.454424	0.372302	0.545878	0.494441	0.464163	0.532854	0.558937	0.451972	24.70125	24.75903	24.86559
41106	0.523854	0.440528	0.359604	0.527194	0.481444	0.456375	0.52051	0.544556	0.441757	24.80229	24.73767	24.76347
41107	0.505344	0.415229	0.344309	0.500997	0.446646	0.438014	0.479469	0.513833	0.423059	25.39372	25.17358	25.00715
41108	0.503323	0.40683	0.333611	0.502479	0.437833	0.42659	0.460455	0.503208	0.403497	25.31642	25.23455	25.16691
41109	0.545302	0.456694	0.371774	0.55149	0.500688	0.464045	0.536885	0.565493	0.452823	24.83878	24.91476	25.01757
41110	0.557934	0.472243	0.383656	0.563163	0.519351	0.477611	0.57217	0.582132	0.478684	24.83014	24.79601	24.84146
41111	0.541372	0.447667	0.367444	0.54076	0.489906	0.462462	0.532927	0.559993	0.458722	24.61809	24.65663	24.77094
41112	0.542906	0.451736	0.375667	0.546094	0.493194	0.468997	0.536434	0.55941	0.453455	24.61177	24.60135	24.67493
41113	0.539389	0.442611	0.363816	0.535316	0.483528	0.458292	0.522389	0.554243	0.442799	24.94524	24.7842	24.72153
41114	0.557587	0.463698	0.379632	0.565441	0.513097	0.476802	0.553181	0.580632	0.46283	24.91938	24.90674	24.90889
41115	0.541434	0.440375	0.359726	0.541861	0.484451	0.456056	0.517153	0.556212	0.444688	24.86899	24.78816	24.80427
41116	0.521715	0.415177	0.341792	0.513667	0.452885	0.436378	0.477535	0.52667	0.416892	25.36962	25.14226	24.9901
41117	0.564799	0.471642	0.388917	0.578337	0.524892	0.484271	0.568028	0.593392	0.462538	25.34851	25.28622	25.21892
41118	0.550962	0.453764	0.369365	0.553639	0.498694	0.465618	0.531833	0.568972	0.454521	25.22031	25.12361	25.10007
41119	0.55874	0.460715	0.381944	0.565847	0.508406	0.482809	0.550128	0.579986	0.469712	24.65955	24.76938	24.93264
41120	0.528184	0.421941	0.348785	0.522122	0.458226	0.444424	0.487757	0.533979	0.426042	24.59128	24.57726	24.68007
41121	0.533063	0.426611	0.342417	0.536847	0.475587	0.44333	0.503854	0.549403	0.413063	24.55097	24.57566	24.66872
41122	0.524597	0.420347	0.342753	0.523701	0.464562	0.443455	0.490726	0.534299	0.413569	24.70635	24.61913	24.63802
41123	0.537302	0.436226	0.351882	0.538608	0.482639	0.459976	0.524854	0.556757	0.433615	24.92295	24.85684	24.8249
41124	0.518035	0.412361	0.340931	0.509142	0.448302	0.441076	0.48016	0.524201	0.419615	25.0409	24.92681	24.86233
41125	0.502052	0.394729	0.327962	0.490649	0.426847	0.426816	0.455771	0.505333	0.399181	24.83712	24.81267	24.84479
41126	0.485837	0.383	0.319469	0.47349	0.412434	0.416233	0.440375	0.486288	0.386417	25.38948	25.19948	25.03309
41127	0.469531	0.371174	0.310497	0.457847	0.396458	0.407031	0.424837	0.464837	0.375337	25.26872	25.17688	25.10271
41128	0.469858	0.368198	0.303444	0.470924	0.393736	0.398573	0.41583	0.459778	0.366767	25.41163	25.30507	25.19493
41129	0.484288	0.393111	0.320507	0.479896	0.426267	0.420017	0.459552	0.480205	0.402073	25.42472	25.34142	25.25257
41130	0.506743	0.41574	0.341299	0.500705	0.450024	0.441483	0.486177	0.512865	0.428069	25.1916	25.17542	25.175
41131	0.527441	0.437021	0.353056	0.523799	0.481101	0.460243	0.528479	0.546309	0.439681	25.12337	25.12205	25.12774
41132	0.516389	0.424997	0.351896	0.510736	0.460517	0.449944	0.501413	0.526191	0.438208	25.11722	25.03177	25.01753
41133	0.50142	0.404229	0.335215	0.491514	0.433326	0.433316	0.46459	0.500861	0.409146	25.26514	25.21014	25.16156
41134	0.503271	0.402337	0.328076	0.490427	0.427483	0.424885	0.451618	0.489483	0.395844	25.48955	25.32896	25.20503
41135	0.517424	0.426976	0.351788	0.507715	0.466024	0.452719	0.505701	0.521681	0.434198	25.12726	25.15767	25.19132

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C
41136	0.523431	0.431313	0.359153	0.51701	0.475281	0.46216	0.510649	0.534767	0.429795	24.84556	24.89476	24.97663
41137	0.525979	0.437163	0.365385	0.521375	0.480271	0.462677	0.520132	0.539503	0.449031	24.59635	24.58236	24.68094
41138	0.529111	0.435958	0.353594	0.52833	0.480653	0.450087	0.516924	0.545538	0.427101	24.83872	24.80253	24.80486
41139	0.509288	0.415181	0.344295	0.500066	0.452781	0.443604	0.481212	0.515747	0.41983	24.93587	24.85444	24.82472
41140	0.489424	0.394503	0.329792	0.475132	0.427729	0.428972	0.454097	0.490351	0.400292	24.86146	24.82691	24.84097
41141	0.473899	0.380899	0.320497	0.458038	0.412049	0.418931	0.438333	0.468319	0.387365	24.76545	24.75861	24.80132
41142	0.482875	0.385215	0.31501	0.47383	0.415795	0.411931	0.445028	0.480608	0.378271	24.83948	24.80451	24.81049
41143	0.523528	0.427715	0.340906	0.521063	0.472194	0.439313	0.509674	0.536667	0.404465	24.79222	24.81167	24.84417
41144	0.518187	0.427507	0.35341	0.515719	0.467559	0.451885	0.504174	0.529226	0.437243	24.71816	24.68042	24.71833
41145	0.496882	0.403333	0.335212	0.490778	0.440885	0.435708	0.46558	0.50001	0.408153	25.0626	24.89191	24.81181
41146	0.504219	0.413354	0.350111	0.495712	0.456896	0.452493	0.481274	0.511694	0.409781	25.31063	25.19413	25.08674
41147	0.520465	0.430667	0.357198	0.517934	0.47484	0.456451	0.513851	0.538528	0.441809	24.95813	24.92149	24.9733
41148	0.508993	0.414826	0.341892	0.507972	0.462434	0.444444	0.484031	0.520931	0.41458	25.37285	25.17323	25.05524
41149	0.493497	0.398406	0.332365	0.485771	0.435438	0.434792	0.458951	0.49767	0.400681	25.41601	25.31986	25.23931
41150	0.49633	0.397295	0.326549	0.49284	0.429486	0.42699	0.449003	0.49674	0.391448	25.3699	25.26556	25.20493
41151	0.526389	0.43401	0.359111	0.524632	0.478795	0.459438	0.50867	0.540226	0.419646	25.08833	25.1059	25.15285
41152	0.51826	0.425267	0.351312	0.517559	0.466264	0.450337	0.492389	0.531444	0.42634	24.84337	24.84799	24.92962
41153	0.501819	0.406736	0.337628	0.49501	0.445045	0.438833	0.465028	0.509038	0.405976	25.12844	24.9875	24.94247
41154	0.484819	0.390281	0.326837	0.471597	0.425194	0.427479	0.445906	0.486198	0.391469	25.39198	25.24427	25.13681
41155	0.513083	0.407601	0.325389	0.506017	0.451375	0.424281	0.453948	0.52108	0.38291	25.11698	25.12771	25.1467
41156	0.523083	0.423653	0.334896	0.516913	0.471049	0.434844	0.473632	0.536677	0.383927	25.01587	24.96469	24.99233
41157	0.507326	0.41075	0.332531	0.50116	0.453715	0.433417	0.463437	0.521212	0.383615	25.22656	25.12729	25.07427
41158	0.516552	0.419851	0.336118	0.511045	0.469344	0.441788	0.510941	0.542108	0.405288	25.30545	25.18639	25.12003
41159	0.525955	0.436361	0.363274	0.520729	0.485615	0.465802	0.520177	0.556281	0.419986	25.24396	25.21944	25.19951
41160	0.512	0.418486	0.348569	0.503188	0.460115	0.449062	0.49042	0.536677	0.420549	25.19247	25.13816	25.1234
41161	0.504264	0.405642	0.335212	0.491306	0.443139	0.435205	0.473503	0.527944	0.401194	25.20781	25.14684	25.12875
41162	0.512503	0.415097	0.336097	0.505118	0.459201	0.433715	0.492615	0.543514	0.398569	25.17955	25.15219	25.1476
41163	0.537358	0.444441	0.370035	0.530854	0.501434	0.473038	0.526469	0.571	0.428757	24.62208	24.77417	24.94774
41164	0.515771	0.420878	0.351073	0.502222	0.463684	0.451604	0.493774	0.541632	0.427861	24.57594	24.54083	24.6374
41165	0.499142	0.401649	0.336201	0.483597	0.439257	0.437483	0.467066	0.520878	0.404601	24.82858	24.80108	24.80087
41166	0.496313	0.395392	0.329878	0.484965	0.431142	0.430274	0.457413	0.514646	0.393715	24.83528	24.82427	24.83288
41167	0.511076	0.405247	0.328441	0.512563	0.458309	0.429264	0.477587	0.544101	0.38916	25.06163	24.98514	24.91774

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
41168	0.510406	0.406156	0.328444	0.512941	0.461288	0.431007	0.478149	0.546149	0.389205	25.29104	25.20653	25.08903
41169	0.518792	0.423059	0.348368	0.511535	0.474434	0.450531	0.505257	0.549573	0.410927	25.14545	25.13934	25.11108
41170	0.516365	0.42225	0.351094	0.504587	0.465656	0.45083	0.495111	0.544444	0.42266	25.24156	25.21816	25.15934
41171	0.497674	0.399337	0.333875	0.483431	0.438618	0.435132	0.464184	0.51891	0.400663	25.15694	25.1542	25.13003
41172	0.484934	0.384132	0.322559	0.46758	0.421733	0.4235	0.446872	0.498764	0.386066	25.28569	25.26212	25.1874
41173	0.489014	0.383563	0.315316	0.482781	0.416344	0.414691	0.437587	0.501517	0.376257	25.08997	25.19038	25.19892
41174	0.517764	0.415524	0.331219	0.51334	0.461809	0.433424	0.480365	0.534431	0.385559	24.83073	24.9617	25.0367
41175	0.517531	0.422479	0.3465	0.507976	0.465524	0.446913	0.49758	0.542545	0.411642	24.9851	25.04441	25.03715
41176	0.545826	0.456556	0.385986	0.542729	0.510139	0.477	0.546861	0.575944	0.459726	24.33069	24.60306	24.79885
41177	0.52401	0.426663	0.356215	0.517913	0.469948	0.45375	0.501552	0.547847	0.436087	24.11538	24.23583	24.40031
41178	0.505649	0.40459	0.340052	0.497003	0.443813	0.439215	0.471132	0.52575	0.409382	24.73875	24.73865	24.68486
41179	0.516146	0.418267	0.339976	0.509302	0.45349	0.431944	0.495837	0.540205	0.405184	24.96278	24.98559	24.90847
41180	0.51991	0.421493	0.343174	0.51267	0.461142	0.434906	0.492215	0.542281	0.408073	24.79406	24.86333	24.8791
41181	0.517948	0.41949	0.339556	0.510837	0.458868	0.431778	0.486608	0.539646	0.40084	24.87337	24.92608	24.91479
41182	0.540424	0.450438	0.372878	0.53783	0.4985	0.465809	0.530385	0.573104	0.437878	24.90042	24.96257	24.95622
41183	0.532833	0.435635	0.361854	0.528965	0.479917	0.458656	0.511083	0.561215	0.441844	24.75587	24.8383	24.88556
41184	0.51941	0.417236	0.345809	0.514701	0.461691	0.44533	0.483875	0.541899	0.414507	25.04281	25.00556	24.94503
41185	0.526781	0.425906	0.343326	0.522111	0.472076	0.440191	0.497479	0.55517	0.40634	25.09802	25.17448	25.14368
41186	0.53901	0.443809	0.356899	0.536642	0.494	0.45451	0.521583	0.572542	0.415427	24.31885	24.53389	24.75444
41187	0.538663	0.441674	0.357781	0.537736	0.491274	0.454701	0.516569	0.569149	0.416448	24.13219	24.34469	24.55347
41188	0.525462	0.424177	0.350514	0.519462	0.47084	0.450139	0.499063	0.551632	0.414597	24.06889	24.16792	24.33656
41189	0.505715	0.401267	0.334417	0.496441	0.443826	0.436201	0.472417	0.527583	0.399972	24.43396	24.45069	24.48271
41190	0.517583	0.407788	0.330056	0.516819	0.448778	0.429868	0.472965	0.546101	0.391264	24.19917	24.35097	24.49316
41191	0.524882	0.415924	0.332962	0.525233	0.46091	0.43141	0.47959	0.548111	0.390319	24.38611	24.39198	24.43486
41192	0.527972	0.423347	0.337514	0.532934	0.473316	0.43383	0.484427	0.553979	0.390247	24.25396	24.34653	24.45774
41193	0.513687	0.408361	0.333201	0.513962	0.459184	0.434101	0.474	0.535576	0.389101	24.60868	24.5408	24.50979
41194	0.496986	0.391861	0.324837	0.492406	0.437653	0.427097	0.458569	0.515993	0.383191	24.99597	24.87743	24.76382
41195	0.483944	0.379965	0.317493	0.475736	0.422215	0.419472	0.44676	0.498681	0.376198	24.96792	24.91778	24.87052
41196	0.507365	0.401802	0.323205	0.510483	0.465278	0.432993	0.490962	0.534896	0.393701	24.80785	24.84649	24.8774
41197	0.532472	0.434757	0.350483	0.537736	0.498003	0.45808	0.522608	0.566385	0.433785	24.49	24.55594	24.67844
41198	0.52191	0.42166	0.344816	0.520726	0.478014	0.450944	0.500569	0.549135	0.418108	24.36201	24.41024	24.54215
41199	0.516674	0.418524	0.349556	0.511691	0.469285	0.452191	0.496753	0.539556	0.416889	24.5691	24.5441	24.58538

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
41200	0.532139	0.436983	0.361028	0.533983	0.492205	0.459642	0.518312	0.562382	0.439948	24.54611	24.5359	24.60288
41201	0.532559	0.432448	0.350316	0.539521	0.497045	0.453184	0.500073	0.560063	0.415188	24.67063	24.62514	24.6526
41202	0.540177	0.448083	0.374385	0.542965	0.509056	0.473201	0.526778	0.574306	0.433618	24.66528	24.63892	24.69608
41203	0.533194	0.436517	0.364937	0.531326	0.492351	0.461878	0.518101	0.564188	0.445087	24.80281	24.68122	24.68403
41204	0.51951	0.417174	0.34741	0.520535	0.474774	0.446924	0.486785	0.543017	0.414882	25.09552	24.93674	24.85826
41205	0.502038	0.39924	0.335858	0.497385	0.452101	0.435747	0.467309	0.522236	0.399788	25.37872	25.17736	25.04687
41206	0.503479	0.397274	0.327517	0.504781	0.447333	0.426833	0.458729	0.521667	0.388601	25.03285	25.02628	25.06156
41207	0.509003	0.401882	0.328219	0.513344	0.461736	0.427319	0.464667	0.527253	0.385181	24.72983	24.72948	24.84243
41208	0.51559	0.414625	0.344208	0.516274	0.47551	0.444472	0.485042	0.535434	0.387788	24.7484	24.69257	24.76517
41209	0.529243	0.435101	0.363146	0.52859	0.492653	0.460056	0.519063	0.561226	0.423028	24.98128	24.88163	24.87191
41210	0.512781	0.412104	0.34475	0.510649	0.467878	0.444406	0.482194	0.535906	0.407455	24.84813	24.79542	24.84601
41211	0.532597	0.436437	0.358038	0.536031	0.498618	0.461969	0.516024	0.567889	0.407288	24.1467	24.3266	24.60563
41212	0.532295	0.438632	0.366167	0.531503	0.494458	0.463076	0.518378	0.565066	0.42301	23.76486	23.88083	24.17747
41213	0.560878	0.474108	0.393247	0.571073	0.539799	0.488712	0.572087	0.610073	0.462677	23.46285	23.5992	23.90146
41214	0.554028	0.460566	0.382427	0.561778	0.526122	0.480753	0.550771	0.597972	0.462899	23.6274	23.60573	23.76438
41215	0.553142	0.459785	0.37783	0.56642	0.532931	0.483611	0.548681	0.602094	0.450562	23.86549	23.78333	23.86049
41216	0.539326	0.437896	0.360892	0.547747	0.508722	0.46474	0.520736	0.580545	0.433771	23.88813	23.85656	23.95177
41217	0.532431	0.430597	0.353819	0.541205	0.501344	0.460222	0.511434	0.571729	0.424563	24.13295	23.98063	23.99552
41218	0.517785	0.41484	0.343715	0.517524	0.472517	0.445747	0.488035	0.549618	0.41001	24.37354	24.20052	24.17316
41219	0.511542	0.408576	0.336712	0.51074	0.46459	0.43941	0.477156	0.542319	0.39816	24.69163	24.48205	24.38958
41220	0.549781	0.458729	0.377924	0.555354	0.524868	0.476538	0.543642	0.591323	0.424847	24.23174	24.21958	24.32778
41221	0.561938	0.473049	0.39001	0.573521	0.538622	0.489101	0.557361	0.602434	0.443868	23.99503	23.98507	24.13896
41222	0.585469	0.50251	0.424722	0.604632	0.558517	0.514583	0.575566	0.619552	0.474906	23.15646	23.22823	23.46431
41223	0.565483	0.464434	0.386726	0.567653	0.52616	0.485726	0.542872	0.595476	0.45626	23.13976	23.00528	23.1199
41224	0.557913	0.456424	0.373976	0.559618	0.521753	0.478809	0.536882	0.59092	0.438601	23.91191	23.65076	23.54983
41225	0.539135	0.428979	0.355823	0.53266	0.486399	0.455247	0.499528	0.562007	0.418979	24.0267	23.83635	23.79163
41226	0.563858	0.468663	0.392545	0.568493	0.531271	0.488639	0.539059	0.592399	0.433601	24.19785	24.01875	23.97201
41227	0.570104	0.476288	0.394163	0.574483	0.538149	0.492878	0.549285	0.599201	0.457097	24.12462	23.99337	24.00625
41228	0.559778	0.458056	0.378493	0.558177	0.519163	0.481458	0.531646	0.585962	0.442632	23.88719	23.82833	23.91486
41229	0.550792	0.446396	0.375552	0.550097	0.50201	0.468358	0.504656	0.574441	0.419295	23.27503	23.35215	23.62632
41230	0.573142	0.486257	0.422052	0.577309	0.540031	0.495365	0.547243	0.59934	0.438733	23.4116	23.2709	23.29163
41231	0.563531	0.471872	0.41076	0.555462	0.518184	0.483802	0.526597	0.584566	0.438559	23.42389	23.31528	23.36122

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
41232	0.554184	0.450792	0.375059	0.553163	0.511503	0.464674	0.514917	0.583295	0.422122	23.11705	23.13118	23.3226
41233	0.572392	0.484427	0.421326	0.581733	0.545118	0.495427	0.546378	0.604365	0.42858	23.00271	22.99042	23.16583
41234	0.584785	0.50724	0.451677	0.595438	0.553135	0.509267	0.573389	0.614094	0.47184	23.10052	22.95292	22.99962
41235	0.570104	0.475819	0.413049	0.569292	0.525438	0.486295	0.541	0.592872	0.452951	23.0659	22.99115	23.07354
41236	0.56176	0.459767	0.387618	0.568934	0.522493	0.47608	0.530153	0.588875	0.43433	22.83531	22.83552	23.00896
41237	0.551056	0.442378	0.377115	0.549882	0.496385	0.460469	0.50659	0.571611	0.4225	22.26215	22.39628	22.74667
41238	0.55909	0.456917	0.383163	0.565969	0.522378	0.468097	0.512788	0.578774	0.413542	22.11601	22.18014	22.51056
41239	0.583344	0.503983	0.456535	0.593639	0.556458	0.512229	0.574639	0.607823	0.452347	22.73615	22.54156	22.61521
41240	0.570375	0.47692	0.411688	0.573802	0.530514	0.487035	0.542872	0.58875	0.453233	23.68674	23.27472	23.07347
41241	0.584684	0.506382	0.463681	0.595983	0.555306	0.507865	0.566799	0.605285	0.458399	24.18632	23.86431	23.67233
41242	0.585872	0.502688	0.465253	0.593205	0.548087	0.507073	0.555149	0.598476	0.459156	23.61406	23.51483	23.5767
41243	0.571556	0.473681	0.420135	0.574375	0.52659	0.485944	0.542264	0.587181	0.449542	23.66521	23.45813	23.46833
41244	0.552698	0.443406	0.38609	0.548594	0.49241	0.460906	0.506726	0.564528	0.422642	23.81736	23.60715	23.5775
41245	0.569281	0.473351	0.401566	0.578969	0.535802	0.489903	0.518149	0.581913	0.415278	23.54819	23.42583	23.51142
41246	0.558535	0.455479	0.397587	0.55717	0.506497	0.471104	0.515934	0.57141	0.421667	23.67347	23.46073	23.4774
41247	0.544816	0.433267	0.37759	0.537274	0.478063	0.452622	0.49099	0.555642	0.408253	23.58663	23.39156	23.45556
41248	0.541038	0.427656	0.369198	0.539625	0.474118	0.444424	0.483476	0.551476	0.398674	23.96118	23.67406	23.62097
41249	0.534392	0.420653	0.364406	0.53124	0.465899	0.439503	0.475889	0.542639	0.392285	23.84875	23.65934	23.68948
41250	0.566806	0.468955	0.386865	0.580983	0.537115	0.482049	0.521684	0.578045	0.397108	23.56698	23.4284	23.5524
41251	0.564226	0.466601	0.406021	0.563958	0.519337	0.477684	0.523896	0.575736	0.417347	23.56458	23.40951	23.50274
41252	0.557184	0.453642	0.390271	0.552979	0.505618	0.467663	0.502184	0.563	0.411434	23.30118	23.1491	23.31535
41253	0.557958	0.455681	0.390701	0.561549	0.51291	0.468521	0.510316	0.568174	0.409972	24.24403	23.76486	23.59816
41254	0.550462	0.438219	0.375674	0.545274	0.491712	0.458712	0.491042	0.554403	0.403608	24.97083	24.4183	24.10635
41255	0.567399	0.470799	0.415472	0.569208	0.523382	0.485757	0.516594	0.572028	0.406219	24.91403	24.5517	24.39028
41256	0.56267	0.460035	0.396462	0.561889	0.515472	0.474378	0.511035	0.567274	0.410861	24.62323	24.36365	24.33087
41257	0.559726	0.45608	0.402111	0.558719	0.508139	0.474174	0.507413	0.56401	0.408056	23.90191	23.8441	24.03896
41258	0.573875	0.48191	0.418785	0.585073	0.544049	0.492722	0.553594	0.585507	0.444656	23.63861	23.50163	23.69691
41259	0.550521	0.443597	0.385851	0.546365	0.492646	0.461587	0.507993	0.560438	0.425003	23.77795	23.55635	23.6526
41260	0.540135	0.428608	0.37301	0.532156	0.472264	0.448667	0.489444	0.548677	0.407878	23.74684	23.5299	23.63698
41261	0.534601	0.41984	0.365691	0.526573	0.465646	0.440014	0.478007	0.541233	0.396597	23.99233	23.69146	23.71753
41262	0.541288	0.428611	0.364503	0.542528	0.493264	0.443243	0.483358	0.54801	0.390722	24.1492	23.85854	23.85406
41263	0.555698	0.449243	0.388538	0.568684	0.518531	0.462965	0.504083	0.569767	0.395049	24.01674	23.79299	23.85458

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
41264	0.581847	0.498007	0.469795	0.589337	0.553549	0.509726	0.558833	0.590149	0.437587	23.55451	23.3959	23.47101
41265	0.576101	0.483549	0.433274	0.587118	0.54501	0.490757	0.544646	0.585764	0.446476	23.51906	23.29875	23.37368
41266	0.593618	0.510233	0.491069	0.609441	0.56666	0.511253	0.562569	0.599128	0.457913	23.13972	23.0208	23.18799
41267	0.587132	0.498351	0.462806	0.5985	0.549601	0.500875	0.552965	0.594479	0.458566	23.05795	22.80354	22.87882
41268	0.574483	0.477632	0.420292	0.583642	0.534969	0.48567	0.543267	0.588733	0.446642	23.50194	23.16486	23.1616
41269	0.558406	0.451878	0.396163	0.554299	0.497868	0.463052	0.509569	0.564719	0.425042	24.19274	23.66854	23.49003
41270	0.589458	0.501337	0.467625	0.600101	0.557965	0.502965	0.539924	0.593132	0.424236	24.43944	24.0309	23.92163
41271	0.585552	0.49409	0.463753	0.594205	0.548469	0.500042	0.555347	0.595101	0.448937	24.40017	24.065	24.04382
41272	0.580035	0.485819	0.442906	0.5845	0.538896	0.489833	0.551604	0.588139	0.453705	24.70892	24.25549	24.14451
41273	0.588601	0.496413	0.446538	0.598281	0.558507	0.500222	0.55759	0.597889	0.447378	24.38278	24.13417	24.17035
41274	0.570788	0.468667	0.422826	0.566927	0.515694	0.477115	0.534285	0.577972	0.445069	24.1442	23.84438	23.92354
41275	0.561302	0.452736	0.398417	0.559174	0.498861	0.458167	0.514531	0.571396	0.419208	24.13701	23.86837	23.93872
41276	0.556042	0.443538	0.391292	0.548851	0.488563	0.452451	0.501976	0.558191	0.409549	23.86194	23.61913	23.77028
41277	0.549517	0.434313	0.383378	0.539854	0.473965	0.444139	0.48941	0.544875	0.39966	23.87549	23.61583	23.73517
41278	0.545	0.428497	0.37783	0.531108	0.465319	0.438431	0.480781	0.533507	0.391885	23.96174	23.64552	23.72722
41279	0.542788	0.425375	0.372823	0.527024	0.45926	0.43317	0.475993	0.528229	0.385368	24.04955	23.71024	23.76427
41280	0.534125	0.418267	0.368569	0.513163	0.44991	0.427604	0.46634	0.510615	0.37941	24.09622	23.76292	23.80924
41281	0.523667	0.410108	0.362743	0.497719	0.438767	0.420757	0.454951	0.490215	0.372997	24.13299	23.78083	23.82528
41282	0.513896	0.40234	0.356653	0.481535	0.426913	0.413253	0.443906	0.468545	0.366653	24.5134	24.04747	23.97701
41283	0.510889	0.399313	0.350788	0.47409	0.419177	0.405878	0.438222	0.459354	0.360674	24.57913	24.14951	24.10392
41284	0.568372	0.485149	0.42266	0.556483	0.527226	0.481788	0.536063	0.558396	0.387323	24.68941	24.30951	24.25153
41285	0.54675	0.445569	0.394087	0.521549	0.48101	0.455247	0.494694	0.521378	0.403816	24.32042	23.99913	24.07993
41286	0.534931	0.428552	0.378812	0.500986	0.45801	0.44133	0.472427	0.49975	0.39226	24.4175	24.06552	24.0858
41287	0.525205	0.41726	0.369753	0.485087	0.442007	0.43174	0.457552	0.480465	0.382087	24.06823	23.81153	23.94587
41288	0.520632	0.411149	0.363309	0.479969	0.432201	0.423649	0.447844	0.468934	0.373826	24.18778	23.84132	23.90094
41289	0.512635	0.403427	0.357788	0.464007	0.420125	0.415778	0.437549	0.451493	0.366337	23.97993	23.70556	23.83076
41290	0.50576	0.396438	0.352642	0.451708	0.408722	0.407229	0.428538	0.437514	0.359625	23.72667	23.4691	23.66441
41291	0.532278	0.412781	0.351222	0.506094	0.450122	0.405024	0.467302	0.498389	0.358302	23.99337	23.63535	23.70264
41292	0.527538	0.411111	0.351753	0.506135	0.446375	0.407115	0.451017	0.482868	0.359628	23.76264	23.51493	23.67302
41293	0.538708	0.423101	0.353278	0.528427	0.476903	0.412885	0.455073	0.498819	0.359875	23.63236	23.33778	23.51139
41294	0.528694	0.416424	0.353833	0.502622	0.456865	0.41625	0.447569	0.470639	0.358938	23.73701	23.37747	23.49514
41295	0.517392	0.404365	0.350187	0.478653	0.431556	0.410337	0.433615	0.446347	0.355795	24.15684	23.67628	23.65632

MS_LocalTime	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	WC_2_Noc	WC_8_Noc	WC16_Noc	ST_2_Node	ST_8_Node	ST16_Node
local time	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	m3 m-3	deg C	deg C	deg C	deg C	deg C	deg C
41552												
41553												
41554												
41555												
41556												
41557												
41558												
41559												
41560												
41561												
41562												
41563												
41564												
41565	0.532654	0.425701	0.369173	0.505307	0.47563	0.442559	0.489008	0.546197	0.399283	24.79742	24.61087	24.88286
41566	0.527649	0.418712	0.364111	0.504698	0.469729	0.436969	0.483014	0.541191	0.393799	24.97184	25.07705	25.0866
41567	0.523208	0.412819	0.35859	0.505417	0.473306	0.435028	0.481056	0.538993	0.389069	24.94104	25.04601	25.06885
41568	0.58159	0.495642	0.429497	0.554903	0.537198	0.489167	0.555191	0.594719	0.437066	24.82819	24.98281	25.0308
41569	0.576122	0.493153	0.441649	0.546465	0.52759	0.490424	0.545024	0.588545	0.450142	24.68344	24.84073	24.90191
41570	0.561983	0.469722	0.409566	0.522535	0.501938	0.465559	0.523726	0.576517	0.438552	24.55951	24.68677	24.77358
41571	0.574153	0.486563	0.42408	0.545462	0.517448	0.473955	0.533448	0.586774	0.424552	24.77767	24.85854	24.86097
41572	0.579007	0.493962	0.440042	0.543552	0.526872	0.485576	0.548792	0.596233	0.445191	24.86455	24.94358	24.94132
41573	0.576833	0.490889	0.438337	0.543927	0.52208	0.483844	0.536681	0.593472	0.438872	24.9317	25.0201	25.02063
41574	0.56601	0.472382	0.415399	0.53308	0.506517	0.466299	0.52374	0.582535	0.429309	24.90333	25.00264	25.0151
41575	0.569757	0.480288	0.424378	0.541441	0.519483	0.475149	0.536729	0.591955	0.436139	24.92226	24.99868	24.99826

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40304	25.05668	24.99699	24.99067	25.16062	25.02244	25.00109	4929.772	7177.368	7665.197	4648.352	1044.326	1977.067
40305	24.67221	24.87772	25.02721	24.70783	24.82359	24.9988	5113.837	6622.188	6681.71	5064.225	615.0793	1367.416
40306	24.96972	24.98323	24.9874	25.12424	25.00792	24.99066	6953.278	7999	7999	7168.028	1069.175	1919.108
40307	25.53889	25.51542	25.31656	25.72635	25.58375	25.38257	7483.528	7999	7999	7738.139	1060.045	1650.276
40308	25.09976	25.24622	25.34038	25.14493	25.24535	25.3641	7521.26	7533.028	7532.83	7532.302	759.2913	1039.112
40309	25.11649	25.24208	25.29858	25.03979	25.09524	25.21191	7999	7999	7999	7999	805.3354	1035.184
40310	25.25535	25.29642	25.27021	25.26212	25.20646	25.18826	7467.063	7999	7999	7999	814.1771	1388.833
40311	25.36795	25.43656	25.37438	25.47944	25.45319	25.37128	6326.538	7999	7999	7999	756.9014	1434.309
40312	25.06625	25.24875	25.33132	25.12531	25.23507	25.34611	6402.962	7998.861	7998.563	7998.91	771.351	972.4944
40313	24.86882	25.00611	25.13184	24.90177	24.96958	25.11913	6200.351	7999	7999	7999	734.9413	1442.986
40314	25.31073	25.26868	25.17073	25.45913	25.32392	25.20806	5872.017	7999	7999	7999	712.9385	7989.542
40315	25.77816	25.69104	25.45618	25.87181	25.75184	25.55309	5907.139	7999	7999	7999	713.3104	7999
40316	25.69618	25.70295	25.57618	25.74521	25.71851	25.63521	6218.83	7999	7999	7999	696.8003	7999
40317	25.98031	25.95122	25.72302	26.05733	25.98198	25.80087	5658.601	7953.149	7999	7999	713.8865	7999
40318	25.6175	25.75934	25.73847	25.67458	25.7391	25.78764	6248.069	7999	7999	7999	731.3194	7999
40319	25.98469	25.91931	25.71806	26.10618	25.9624	25.78535	6413.087	7999	7999	7999	681.4063	7999
40320	25.9642	25.98042	25.83753	26.0942	26.05385	25.94816	6284.347	7999	7999	7999	690.0938	7999
40321	25.68108	25.85785	25.84823	25.79479	25.88972	25.94938	5864.802	7898.747	7999	7999	678.9729	7999
40322	25.23243	25.38108	25.53781	25.28955	25.37653	25.56743	6674.403	7999	7999	7999	674.6438	7999
40323	25.50378	25.53583	25.50806	25.59847	25.56934	25.57312	7959.583	7999	7999	7999	667.0924	7999
40324	25.42319	25.56868	25.57865	25.4866	25.57333	25.64347	7964.031	7997.573	7997.295	7997.628	679.2101	7997.556
40325	25.29684	25.37681	25.42389	25.33823	25.35736	25.44938	7679.167	7999	7999	7999	678.5806	7999
40326	25.74517	25.70375	25.54622	25.90042	25.76229	25.61705	7304.233	7999	7999	7999	680.8375	7999
40327	25.6709	25.73097	25.6584	25.84719	25.81375	25.75726	6725.247	7999	7999	7999	699.0549	7999
40328	25.78476	25.81438	25.68771	26.00618	25.93608	25.80872	6249.583	7999	7999	6952.156	1429.361	7999
40329	25.87014	25.88122	25.75552	26.08378	26.01458	25.90622	5889.285	7999	7999	5866.403	1349.795	7999
40330	25.76826	25.88076	25.8124	25.9342	25.97976	25.95063	5876.111	7999	7999	6068.132	1680.66	7999
40331	25.9125	25.89566	25.77455	26.10122	26.00253	25.90194	5787.726	7999	7999	6815.514	1759.406	7999
40332	25.64177	25.81611	25.81847	25.76587	25.87913	25.94139	5919.524	7999	7999	5784.24	1882.427	7999
40333	25.52111	25.595	25.63462	25.59694	25.62604	25.70313	6421.993	7999	7999	7010.816	2042.448	7999
40334	25.98146	25.93986	25.75649	26.07351	25.98215	25.84826	6430.722	7999	7999	7259.615	2345.385	7999
40335	25.60715	25.75587	25.79493	25.65899	25.75347	25.85722	6439.719	7967.628	7999	7545.115	2095.472	7999

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40336	25.65688	25.68764	25.66285	25.74174	25.72035	25.72118	6791.917	7999	7999	7672.226	2429.368	7999
40337	25.47983	25.62816	25.66517	25.57764	25.66625	25.73833	6383.101	7999	7999	6418.299	2461.535	7999
40338	25.29899	25.49802	25.56931	25.4067	25.53087	25.64056	5965.264	7999	7999	5728.597	2408.976	7999
40339	24.67733	25.02625	25.33087	24.70844	24.9908	25.36365	5734.212	7999	7999	5563.045	2075.76	7999
40340	24.63052	24.83667	25.04993	24.66358	24.79962	25.0592	6303.351	7993.424	7999	6921.153	2024.208	7999
40341	24.74313	24.87417	24.99049	24.81701	24.86462	25.01167	7003.524	7998.847	7998.569	7789.84	2256.844	7998.826
40342	24.16715	24.45701	24.84372	24.18729	24.42642	24.83851	7617.076	7964.076	7999	7999	4416.594	7999
40343	24.53385	24.50497	24.61576	24.58972	24.53896	24.63948	7999	7999	7999	7999	5483.295	7999
40344	25.0276	25.03601	24.93417	25.15174	25.10226	25.02184	7999	7999	7999	7999	4866.66	7999
40345	24.61983	24.81837	24.9408	24.68597	24.8125	24.99413	7999	7999	7999	7999	4316.663	7999
40346	24.25153	24.48517	24.74774	24.26076	24.42965	24.74785	7998.08	7998.844	7998.566	7998.913	3924.729	7998.833
40347	24.38788	24.51267	24.64201	24.44135	24.50215	24.65726	7998.844	7998.844	7998.194	7998.913	3632.771	7998.833
40348	24.28087	24.5041	24.66406	24.32872	24.46906	24.67972	7779.677	7780.354	7779.931	7780.462	3629.174	7780.34
40349	24.1099	24.23819	24.44406	24.1491	24.20899	24.43764	7999	7999	7999	7999	3553.41	7999
40350	24.54063	24.55253	24.54549	24.58906	24.5424	24.57542	7960.649	7960.302	7959.517	7960.521	4025.267	7960.292
40351	24.83125	24.85424	24.75368	24.90493	24.86354	24.81396	7999	7999	7999	7999	3921.476	7999
40352	25.17785	25.09288	24.9258	25.24451	25.10833	24.98378	7999	7999	7999	7999	3798.781	7999
40353	25.73056	25.59656	25.27174	25.86132	25.67705	25.38215	7999	7999	7999	7999	3671.722	7999
40354	25.6875	25.7308	25.52208	25.8342	25.8058	25.64753	7990.33	7989.889	7989.191	7981.997	3585.212	7989.285
40355	25.23764	25.3749	25.40497	25.30375	25.38208	25.46819	7999	7999	7999	7999	3306.267	7999
40356	25.15847	25.24774	25.265	25.20569	25.23882	25.31038	7999	7999	7999	7999	3536.139	7999
40357	25.10972	25.26694	25.27819	25.18618	25.26608	25.33347	7999	7999	7999	7728.858	3541.858	7999
40358	25.12198	25.16281	25.1633	25.18517	25.1701	25.21125	7999	7998.688	7998.135	7995.243	3618.333	7998.663
40359	25.33243	25.35729	25.26899	25.40233	25.38226	25.34413	7999	7999	7999	7966.729	4230.323	7999
40360	25.2351	25.37674	25.35465	25.30799	25.38628	25.42493	7999	7999	7999	7423.413	4433.524	7999
40361	24.80264	25.03976	25.18656	24.85649	25.01038	25.2176	7993.372	7998.837	7998.563	7950.503	3572.319	7998.837
40362	24.88337	24.93865	25.00017	24.95028	24.94385	25.03497	7984.385	7999	7984.944	7904.458	3402.691	7999
40363	25.54983	25.52413	25.30701	25.62778	25.55701	25.39809	7997.219	7999	7999	7999	2872.483	7999
40364	25.35174	25.40281	25.36424	25.42434	25.42191	25.42438	7999	7999	7999	7999	3603.323	7999
40365	25.62875	25.6459	25.48514	25.74622	25.70021	25.57292	7997.361	7998.833	7998.563	7780.469	3752.413	7998.83
40366	25.08153	25.29462	25.40156	25.17156	25.2975	25.45149	7999	7999	7999	7999	3042.063	7999
40367	24.95858	25.11132	25.21656	25.00549	25.0883	25.24222	7999	7999	7999	7999	4630.188	7999

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40368	25.23938	25.26319	25.22434	25.30979	25.27753	25.27146	7624.684	7596.076	6800.635	7608.142	6030.865	7596.722
40369	25.12628	25.22535	25.30576	25.17191	25.25205	25.33903	7085.698	7017.993	5193.24	7037.646	6971	7017.017
40370	25.10438	25.17809	25.24854	25.16375	25.20542	25.26278	7085.917	7017.997	5939.563	7037.528	6971	7017.347
40371	24.72448	24.90972	25.12608	24.77226	24.89976	25.11521	7085.417	7018	6412.052	7037.063	6970.993	7017.292
40372	24.38736	24.64174	24.93622	24.42917	24.6041	24.89792	7085.201	7018	6577.507	7036.847	6971	7017.069
40373	24.1883	24.35302	24.65719	24.20712	24.31899	24.60274	7085.556	7018	7379.243	7037.563	6970.997	7017.184
40374	24.26927	24.36889	24.58361	24.28653	24.35486	24.55167	7085.507	7018	6441.58	7037.58	6970.993	7017.063
40375	24.42955	24.49503	24.61955	24.45653	24.49608	24.60913	7085.816	7017.993	7620.302	7037.667	6971	7017.233
40376	24.58045	24.62701	24.69753	24.61858	24.63059	24.6874	7084.653	7016.979	7118.635	7036.517	6969.986	7016.194
40377	24.73597	24.73726	24.76691	24.78212	24.74847	24.75958	7085.181	7017.479	6525.583	7036.837	6970.493	7016.691
40378	24.90552	24.87931	24.86399	24.9474	24.90903	24.87194	7086.031	7017.99	7039.302	7037.413	6971	7017.236
40379	25.08128	25.05847	25.00976	25.1674	25.1175	25.03872	7083.194	7015.451	6832.913	7034.601	6968.472	7014.639
40380	24.97347	24.97271	25.01028	25.08514	25.0483	25.04608	7085.75	7017.993	7155.84	7037.344	6970.997	7017.455
40381	25.43229	25.325	25.17451	25.60948	25.46969	25.27944	7086.163	7017.986	7303.167	7037.604	6971	7017.458
40382	25.49816	25.43674	25.33403	25.69094	25.60448	25.46497	7085.611	7017.486	6813.347	7037.16	6970.493	7016.99
40383	25.77191	25.6651	25.49149	25.9842	25.85837	25.64826	7086.208	7017.979	6366.472	7037.691	6971	7017.493
40384	25.46302	25.54222	25.56007	25.54552	25.64212	25.66972	7083.194	7015.438	6491.965	7034.819	6968.472	7014.632
40385	25.41024	25.44003	25.44691	25.49837	25.51976	25.51403	7085.611	7017.983	6132.594	7037.372	6971	7017.167
40386	25.01774	25.16587	25.33101	25.05358	25.1874	25.36753	7085.392	7017.906	6401.615	7036.663	6971	7017.08
40387	25.13222	25.18403	25.24097	25.18406	25.20559	25.26326	7085.538	7017.872	6500.264	7036.628	6970.997	7017.056
40388	25.04896	25.13632	25.22569	25.13156	25.17823	25.24604	7085.42	7017.882	6246.448	7036.528	6971	7017.024
40389	25.08073	25.09063	25.16569	25.21635	25.18125	25.20375	7085.153	7017.674	5738.122	7036.347	6971	7017.167
40390	25.24385	25.25538	25.24337	25.32628	25.3167	25.3059	7085.16	7017.26	7847.74	7036.285	6971	7017.118
40391	25.00375	25.14007	25.25524	25.05809	25.16479	25.27889	7084.927	7017.083	7999	7035.847	6970.997	7017.003
40392	24.90667	24.99906	25.1183	24.94188	25.00646	25.12208	7085.073	7017.132	7681.778	7036.153	6971	7017
40393	25.08441	25.0701	25.11118	25.11132	25.08684	25.12045	7084.934	7017.01	7614.938	7036.122	6971	7017.035
40394	25.25493	25.26087	25.22764	25.4092	25.34108	25.26427	7085.285	7017.059	7848.667	7036.34	6970.993	7016.938
40395	25.27854	25.28524	25.27979	25.36743	25.35542	25.33222	7083.021	7015.003	7682.205	7034.431	6968.972	7014.663
40396	25.30858	25.32774	25.31566	25.44066	25.41045	25.36174	7084.913	7016.983	7683.017	7036.375	6970.993	7016.719
40397	25.19059	25.26816	25.32882	25.29573	25.3392	25.3767	7084.49	7016.899	7384.09	7035.615	6970.993	7016.615
40398	25.21181	25.265	25.30104	25.27913	25.30267	25.32715	7084.642	7016.944	7957.479	7035.531	6970.997	7016.556
40399	25.12181	25.15781	25.24017	25.16531	25.1733	25.24601	7084.639	7016.84	7983.087	7035.576	6970.997	7016.205

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40400	25.49156	25.43118	25.34153	25.59104	25.49229	25.37896	7084.951	7016.663	7729.378	7036	6971	7016.413
40401	25.36497	25.44556	25.46951	25.43542	25.48701	25.50313	7084.458	7016.347	7474.854	7035.517	6970.993	7016.073
40402	25.24503	25.26521	25.33288	25.28934	25.2851	25.33674	7084.323	7015.969	7286.497	7035.507	6970.986	7015.684
40403	25.21618	25.37206	25.4371	25.26725	25.39031	25.45649	7083.038	7015	6521.901	7033.962	6969.885	7014.298
40404												
40405												
40406												
40407												
40408												
40409												
40410												
40411												
40412												
40413												
40414												
40415												
40416	25.43167	25.42718	25.26293	25.44598	25.39948	25.22368	15612.66	19847.89	18082.82	31497.73	16931.14	44888.39
40417	24.87087	24.95997	25.10583	24.73899	24.79674	24.96681	15530.78	20914.06	15846.82	25198.91	15321.89	40424.92
40418	24.83385	24.9625	25.08663	24.65045	24.74153	24.90424	15893.62	19609.79	14388.94	35054.1	16867.25	39819.97
40419	24.98944	24.97701	25.00205	24.82771	24.78306	24.82229	16573.15	23525.5	18273.88	34211.85	18832.69	47446.67
40420	25.54962	25.45941	25.24497	25.44108	25.30281	25.11889	16728.58	23705.39	19251.5	20104.6	17726.08	47812.81
40421	25.77288	25.76656	25.53726	25.67792	25.61007	25.43031	16801.73	22891.73	18612.69	18942.2	17975.27	46651.37
40422	25.17194	25.3567	25.47896	25.03368	25.14719	25.31736	16129.96	18995.01	16519.55	19961.36	16506.57	44623.37
40423	24.84167	25.02663	25.22167	24.6484	24.76115	25.01628	16068.34	22755.63	17669.23	20549.05	15696.17	45157.43
40424	24.74958	24.91153	25.06632	24.48934	24.55701	24.80858	16277.23	23880.78	20029.72	21049.46	16245.4	47210.1
40425	25.12372	25.17615	25.12149	24.93264	24.90931	24.90712	17235.98	24146.99	20227.68	20405.39	16804.79	48126.59
40426	25.12938	25.21278	25.18167	24.94479	24.94361	24.99069	17702.07	23652.85	20164.03	19983.8	16927.18	48478.44
40427	25.05972	25.22701	25.24563	24.83514	24.8866	25.01781	17752.5	23273.54	20120.01	19305.51	16959.56	48909.03
40428	24.88608	25.06247	25.14247	24.65656	24.71649	24.8774	17531.83	21705.37	19213.16	19984.46	16849.03	47272.38
40429	25.09524	25.15368	25.13715	24.86677	24.8467	24.88378	16949.4	21512.48	17384.7	20619.19	17461.3	45981.7
40430	24.92622	25.00253	25.0825	24.75681	24.75281	24.8541	17553.16	23063.41	19550.5	20307.07	19374.94	47204.26
40431	25.50392	25.52042	25.32844	25.37503	25.31819	25.17865	17856.58	22642.35	19980.53	20454.16	21579.58	41499.2

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40432	25.25823	25.33865	25.31399	25.14219	25.11844	25.14663	17999.55	23074.57	20447.07	22791.44	21650.76	46876.04
40433	25.04632	25.21795	25.26222	25.01069	25.05701	25.14479	18100.18	22329.76	22915.08	34257.19	22726.27	48429.04
40434	25.03153	25.15236	25.18785	24.99361	25.01771	25.09455	17287.35	22115.84	22202.16	29937.51	23372.93	48258.37
40435	25.11149	25.19389	25.18979	24.97319	24.97809	25.07014	18021.94	23771.19	24015.54	30529.44	24235.86	
40436	25.4824	25.50188	25.34802	25.27906	25.22566	25.1783	18378.56	23763.84	23839.54	30136.59	24092.3	45952.79
40437	25.48097	25.55392	25.45247	25.24993	25.2401	25.24861	18633.48	23730.94	23520.15	31255.4	24115.17	
40438	25.2242	25.40063	25.42615	24.9891	25.05455	25.18358	17273.7	21701.44	21427.01	31502.12	23902.68	46367.39
40439	24.90618	25.15007	25.31299	24.68198	24.81076	25.04021	16419.81	21603.65	20278.05	32201.99	22239.57	46851.02
40440	24.62385	24.80309	25.03531	24.41163	24.49753	24.75337	16363.54	20744.06	18787.6	34656.51	21737.39	48611.25
40441	24.6476	24.81253	24.95719	24.45274	24.51372	24.70413	16224.61	21504.07	22018.99	35310.07	21823.92	44786.58
40442	24.44653	24.64979	24.86451	24.23517	24.33865	24.60517	15782.06	21997.06	20292.88	31895.26	22620.13	46213.04
40443	24.60684	24.70948	24.78854	24.42767	24.42444	24.54528	17813.76	22850.75	19433.59	35295.28	23765.63	39588.59
40444	24.79003	24.88566	24.92816	24.57517	24.59146	24.68448	17240.2	23954.46	22377.78	36417.66	27123.3	48665.42
40445	24.80639	24.8241	24.9058	24.55885	24.54604	24.64958	17398.53	25975.46	22502.41	43706.14	27940.41	
40446	24.95146	25.01976	25.00253	24.66521	24.6634	24.74146	18966.19	28273.27	25557.9	42529.48	26501.35	
40447	24.88434	25.0675	25.07903	24.62733	24.68448	24.79128	18520.13	27835.66	33006.78	38075.11	25310.78	49842.5
40448	24.55903	24.75288	24.88736	24.3049	24.36868	24.58191	17325.71	27071.51	31854.93	37080.97	25224.4	46145.63
40449	24.88115	24.93139	24.89358	24.59986	24.54299	24.60177	17614.55	27910.75	34816.13	38268.69	24900.66	46196.67
40450	25.29785	25.29024	25.12323	25.02319	24.91156	24.83479	18058.33	28937.01	34206	37074.52	24675.19	46896.48
40451	25.34347	25.41892	25.29142	25.17479	25.1124	25.04274	18201.76	28142.02	26945.53	37339.68	25569.69	
40452	25.20878	25.32354	25.32306	25.11247	25.11184	25.10212	17615.25	26189.95	23521.86	38498.68	27687.31	45727.92
40453	24.73601	24.89389	25.0675	24.6859	24.82309	24.9142	16373.16	25766.82	22289.71	36673.3	24579.39	49105
40454	24.33552	24.56354	24.81497	24.30278	24.39906	24.67889	16960.89	27038.53	24427.25	35710.17	24933.23	40197.19
40455	24.31611	24.52622	24.76628	24.33101	24.37014	24.5875	17313.86	27494.01	27218.7	37526.9	25283.39	42322.97
40456	24.23729	24.41604	24.60649	24.14681	24.17938	24.43785	16584.16	23582.71	24835.92	38611.2	27006.66	
40457	24.6701	24.71069	24.66906	24.5401	24.45844	24.47278	16888.12	27229.44	27253.33	37886.23	25756.43	
40458	24.79663	24.89882	24.84486	24.68503	24.93326	24.6383	17035.96	26400.44	26700.89	36540.85	25246.87	49382.68
40459	24.86306	24.96073	24.92767	24.70326	24.785	24.69875	17054.88	25789.48	26448.65	36283.44	25178.01	49163.33
40460	24.79122	24.9576	24.96194	24.59201	24.77434	24.69507	17005.65	25051.37	25700.51	36224.34	24895.79	49498.75
40461	24.94292	25.03233	24.97125	24.79625	24.77969	24.69743	16961.83	24694.21	25273.71	35304.52	24567.14	48996.23
40462	25.40295	25.36698	25.13708	25.32066	25.16052	24.895	16988.2	23897.64	23581.65	31932.34	23852.82	46466.85
40463	25.72681	25.71594	25.44153	25.60826	25.67434	25.20587	16515.25	22731.65	22388.33	31458.92	24062.53	43073.19

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40464	25.47938	25.56042	25.56257	25.30417	25.48632	25.21253	15128.49	20289.1	20821.62	33385.51	23904.6	46330.61
40465	24.99861	25.27267	25.41323	24.74441	25.13819	25.06347	14941.37	21269.51	23349.04	36230.14	25001.43	47440.78
40466	24.57958	24.82479	25.29125	24.29076	24.84559	24.68601	14897.58	23164.44	25611.17	37035.77	26193.9	49149.79
40467	24.48913	24.71455	25.12521	24.21115	24.95566	24.53434	15798.21	24239.67	25580.24	36495.4	27199.92	47102.92
40468	23.87722	24.24875	24.89976	23.56069	24.52	24.26486	15391.7	22084.92	24579.13	35624.17	29110.5	47748.75
40469	24.17278	24.22979	24.78007	23.97521	24.77951	24.05267	16669.23	26056.6	27455.86	38467.84	27088.54	
40470	24.81222	24.79045	25.08865	24.70722	25.16413	24.39538	17222.36	26122.99	27656.06	38341.1	26725.93	
40471	25.12243	25.16965	25.3874	25.16181	25.43483	24.73118	16976.53	23628.26	25654.05	38594.02	27359.17	46925.43
40472	24.6958	24.84799	25.35472	24.72083	25.0959	24.63462	16104.25	23861.92	28961.35	41247.4	28350.53	49434.41
40473	24.70347	24.87167	25.28257	24.76865	25.07465	24.58063	16718.44	25517.1	29477.22	39694.09	28352.7	
40474	24.39486	24.62806	25.12976	24.54326	24.72104	24.42229	17565.07	25600.64	26748.13	38421.43	26708.68	
40475	24.77354	24.88844	25.18615	24.93677	24.935	24.5274	16668.25	23400.93	25150.08	35996.37	25903.62	49282.72
40476	25.02983	25.08969	25.29927	25.17569	25.21417	24.64267	16771.62	25337.87	26584.25	36446.93	34779.53	
40477	25.14969	25.27847	25.4374	25.33573	25.35337	24.83354	16771.33	24046.07	24302.04	36243.31	36683.57	46732.45
40478	25.03847	25.1442	25.3291	25.29361	25.17198	24.77215	16662.48	24943.55	24449.14	34377.02	33924.57	48071.29
40479	25.17851	25.34188	25.37719	25.49608	25.34448	24.9274	16578.83	26975.26	26690.06	36546.69	36312.5	49571.67
40480	24.88052	25.12972	25.21632	25.19306	25.1926	24.81267	17495.05	26670.63	26063.89	35374.66	35104.86	48990.94
40481	24.60406	24.86403	25.00326	24.93243	25.01215	24.62313	16117.96	21949.28	24091.13	32798.11	33330.55	49696.67
40482	24.73288	24.88556	24.92733	25.13819	25.46635	24.56278	16717.24	26408.59	25730.27	34678.19	34713.61	47911.25
40483	24.96618	25.04899	24.99573	25.44799	26.09458	24.66257	17040.04	26081.05	26243.73	35471.32	35565.55	47451.88
40484	25.01951	25.14986	25.13257	25.60819	25.77663	24.83198	17401.95	25128.01	25948.41	38986.44	39420.15	49717.5
40485	24.85125	24.99007	25.07285	25.38771	25.53198	24.73819	16962.64	24156.58	28774.73	37363.29	37154.57	47155
40486	25.10063	25.13622	25.09326	25.64243	25.72101	24.74642	17683.33	25306.32	27227.01	38365.81	25088.58	49373.75
40487	24.08698	24.61115	25.05677	24.58024	25.01688	24.66233	17031.7	19832.47	22746.86	31872.4	27842.01	42272.19
40488	23.22757	23.62802	24.28021	23.62365	23.98826	23.78809	17248.37	26459.64	26987.22	36294.97	24998.17	48561.25
40489	23.23764	23.62115	24.08972	23.53969	23.96663	23.62694	17507.38	27316.02	27083.59	36877.35	25685.53	
40490	23.10458	23.50382	23.94201	23.0417	23.96434	23.5	17250.58	26387.31	25719.79	34385.96	24799.14	49160.43
40491	22.55813	22.97878	23.58556	22.32104	23.48219	23.14438	16912.65	24746.4	24381.89	32558.1	23999.44	48418.59
40492	23.38938	23.53035	23.71122	23.17809	24.14865	23.34208	16907.25	24148.49	24189.07	30538.93	23157.91	45651.74
40493	23.71316	23.8467	23.96774	23.43101	24.49948	23.58531	16850.16	24444.1	40787.93	34962.18	23084.19	46687.34
40494	23.98705	24.09681	24.13444	23.69778	24.91247	23.71972	16674.47	24487	42681.9	34817.55	22827.91	47400.56
40495	23.52528	23.85979	24.13028	23.33448	24.67903	23.74403	16953.51	25227.63	43333.71	34811.9	23179.21	47358.56

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40496	23.46361	23.69125	23.94767	23.3667	24.81347	23.60615	16670.95	24391.31	42475.75	33212.4	22967.84	46325.57
40497	23.24302	23.50229	23.80611	23.24503	24.73719	23.54194	16486.26	22890.54	39310.92	31437.55	22830.58	43477.7
40498	23.73163	23.80549	23.8799	23.6866	25.06889	23.66639	16404.72	22115.9	36720.86	29493.03	22614.27	40737.03
40499	24.32069	24.35351	24.24878	24.19094	25.58344	23.99344	16344.7	21452.05	34499.94	27871.1	22637.07	38877.87
40500	24.35628	24.4499	24.44017	24.22236	25.71434	24.12642	16171.45	20526.72	31672.36	26167.68	22560.34	36716.09
40501	24.71326	24.73729	24.60726	24.55535	25.98545	24.30729	16068.69	20078.94	29698.62	24376.99	22054.05	34175.83
40502	24.3649	24.70764	24.71965	24.08177	25.81139	24.34861	15002.4	21645.16	33332.73	27939.79	21887.55	36987.25
40503	23.73038	24.16087	24.58701	23.42115	25.20045	23.96715	14516.87	17456.33	40691.26	35995.23	27098.06	44108.7
40504	23.87125	24.06354	24.38507	23.55941	25.15747	23.75347	15092.47	20514.88	41428.44	34689.13	34232.39	44480.52
40505	23.78167	24.05076	24.30163	23.4384	25.18302	23.77771	15346.23	22685.52	44160.21	36728.73	36078.24	47846.5
40506	23.87205	24.01806	24.32479	23.59823	25.18785	23.68764	15823.24	23120.66	41854	33425.74	33482.37	46982.04
40507	24.18604	24.30781	24.48976	23.94083	25.43	23.92576	15302.12	21963.29	43485.84	37897.72	37795.44	47233.92
40508	24.32292	24.39201	24.58813	24.09726	25.54701	24.02042	15859.54	22829.88	44034.45	35482.15	34974.68	48280.89
40509	24.12688	24.3041	24.77167	23.89538	25.44087	24.07865	15689.44	21005.03	48412.7	45808.29	45372.22	48457.08
40510	24.18104	24.25406	24.62993	23.96122	25.32861	23.95878	16411.08	24798.77	47624.37	41715	41035.21	49511.62
40511	24.38854	24.49972	24.7791	24.16229	25.50712	24.13604	15068.92	23501.26	45996.42	38542.02	38890.5	49717.5
40512	23.7625	23.98955	24.60517	23.47233	25.08587	23.87278	14991.92	18608.58	46774.79	43036.07	45450.49	47842.5
40513	23.52264	23.84549	24.51885	23.355	25.25997	23.81188	17865.99	17536.13	32582.9	27441.47	38474.32	39403.37
40514	22.91858	23.22938	24.04896	22.63542	24.67076	23.31858	14736.77	18185.71	27604.87	17303.3	18140.51	32733.2
40515	22.99642	23.20684	23.85028	22.75646	24.77622	23.10382	14872.77	22859.98	30284.09	19578.08	18500.74	40156.41
40516	23.05493	23.29781	23.9958	22.81108	24.77677	23.15573	15333.41	24215.37	36509.43	24760.23	22429.7	44068.19
40517	22.97747	23.2341	23.83413	22.9291	24.62576	23.13938	15522.09	23977.23	37649.36	25696.85	24045.49	43923.88
40518	22.9133	23.21656	23.92222	22.73493	24.44736	23.18726	15612.79	21514.08	43183.74	34956.22	34607.3	45837.02
40519	22.30257	22.70601	23.67174	22.06896	23.90299	22.81653	15588.92	22394.53	41389.22	27613.97	27534.22	43386.2
40520	22.38299	22.64944	23.39563	22.11639	23.84694	22.5934	15617.15	24973.51	43950.14	31011.64	29806.61	47637.87
40521	22.81438	22.98299	23.52826	22.53983	24.23691	22.7374	15516.95	23835.84	45728.2	32626.19	32526.64	48032.67
40522	22.29951	22.71319	23.54771	21.98924	24.35563	22.65153	16429.28	25189.91	44666.42	31265.83	29902.11	47083.6
40523	22.12715	22.44948	23.28719	21.86274	24.43622	22.37375	16830.68	25459.71	45339.39	32434.95	31257.08	47676.96
40524	22.68788	22.79816	23.39993	22.4376	24.99267	22.51503	17020.25	24746.28	45442.93	35125.61	35360.81	48230.72
40525	22.6816	22.94542	23.66677	22.39715	25.16844	22.69816	17359.68	26363.13	44146.77	33239.12	32780.5	46295.82
40526	21.91205	22.39858	23.42191	21.60788	24.56149	22.39608	17415.09	25906.29	45219.62	31166.82	30986.01	46926.73
40527	21.51917	21.96097	23.20753	21.21507	24.04101	22.00497	17817.09	25665.34	45191.64	34130.14	32850.27	47980.64

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40528	21.99559	22.19309	23.12028	21.71313	24.26896	22.00885	18222.45	26982.26	46326.73	38283.76	37411.17	49628.96
40529	22.59292	22.67462	23.33205	22.34281	24.71927	22.29601	18805.47	27133.41	47432.71	35729.23	35194.47	
40530	22.90243	22.96441	23.51889	22.83927	25.06153	22.59844	18215.48	26283.36	46321.86	36004.71	35515.74	49672.05
40531	23.08719	23.21149	23.76226	23.03455	25.24413	22.93931	17913.81	25625.25	44445.15	35004.61	34299.73	48317.31
40532	22.64931	22.99569	23.75611	22.39483	24.79507	22.89139	17651.67	24438.29	45163.28	33889.93	33816.21	48324.8
40533	22.47674	22.71604	23.5524	22.44236	24.62188	22.61635	17670.14	25272.39	44683.64	34067.73	33904.32	48585.11
40534	22.21035	22.5734	23.45035	21.98917	24.18059	22.57128	17234.94	25043.81	45499.84	34936.73	34921.96	46802.32
40535	22.30514	22.54038	23.25896	22.08271	23.99309	22.39569	17848.92	25712.71	46035.76	36502.11	35223.62	47902.45
40536	22.08049	22.41337	23.21986	21.77097	23.60014	22.31594	18133.04	24632.9	46246.22	37917.38	36453.06	47234.8
40537	21.85573	22.17403	23.02142	21.4691	23.25993	22.06146	16816.02	25083.8	47078.88	41391.88	40785.82	49217.5
40538	21.65705	21.98007	22.88934	21.27823	23.0059	21.85313	17287.89	26700.72	44633.68	37726.05	38713.31	46531.52
40539	21.37826	21.76681	22.76931	20.99649	22.73181	21.70413	18605.64	26723.58	45977.92	36718.74	38061.41	46693.83
40540	21.22524	21.54868	22.63615	20.83142	22.50715	21.46139	23171.69	28256.02	47724.29	38178.18	37871.58	
40541	21.30149	21.5358	22.65795	20.89097	22.41705	21.34962	23638.24	29151.64	49300.83	41751.24	42186.88	
40542	22.42726	22.27872	23.02292	22.16972	23.39677	21.71132	23933.17	29480.2	47802.57	40200.58	40998.3	
40543	23.37003	23.20653	23.69417	23.18476	24.36528	22.50396	23256.01	29426.48	47366.54	38632.88	38615.44	
40544	23.76358	23.63306	24.10764	23.62181	24.77066	22.99108	22615.67	29385.14	47432.86	37016.06	37317.97	
40545	23.76868	23.81476	24.34545	23.57344	24.81694	23.30701	23086.73	26753.43	46538.79	37840.81	38544.94	48326.88
40546	23.12694	23.38101	24.37003	22.88333	24.21844	23.12656	22980.16	27186	47430.51	32654.19	33594.98	48048.75
40547	22.82285	22.99639	24.02372	22.7501	23.89622	22.82177	22219.95	28403.7	48066.35	36705.85	35599.26	48217.5
40548	22.96715	23.2024	24.09976	22.76274	23.92052	22.98566	22281.81	25602.95	47179.72	34900.21	35889.18	47446.19
40549	22.97493	23.06708	23.98111	22.80149	23.7283	22.7925	22947.15	28202.63	47960.44	35962.39	35804.41	
40550	23.04878	23.24611	24.08847	22.82163	23.77351	22.95319	22025.27	28702.53	47894.02	37916.58	36604.13	47238.98
40551	23.01122	23.14979	23.96042	22.79059	23.67306	22.84878	21359.26	28294.76	47920.1	39142.17	37749.28	
40552	23.25458	23.35333	24.03785	23.19215	23.93326	23.00781	21092.11	27564.83	47149.42	36199.19	35457.78	49164.19
40553	23.36729	23.49191	24.14337	23.22594	23.9859	23.17549	20863.32	27260.25	46397.05	36178.91	36207.19	49345.91
40554	23.54785	23.58601	24.16344	23.36771	23.97094	23.19972	21777.85	27291.72	46490.66	35748.37	36549.1	48201.71
40555	23.84104	23.91531	24.42476	23.63528	24.17753	23.47014	23605.84	21897.87	47658.4	36501.55	37241.02	47903.51
40556	23.47899	23.68243	24.43622	23.24417	23.79785	23.37885	24380.97	21696.54	48405	35128.76	36484.19	49519.58
40557	23.20333	23.38934	24.26983	22.92101	23.44226	23.14066	26395.89	24438.13				
40558	23.33365	23.46323	24.19448	23.06118	23.49583	23.11656	26544.97	27215.6		45157.47	43976.73	
40559	23.63003	23.60628	24.22441	23.48889	23.79774	23.21757	25493.8	24737.2	42263.27	24303.66	25521.69	45755.27

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40560	23.71674	23.83465	24.3574	23.51014	23.94142	23.45056	23853.72	27868.54	43598.63	28038.54	28400.14	46839.51
40561	23.98823	23.99375	24.32719	23.86372	24.31385	23.53184	23104.71	28057.45	45507.93	30745.69	30835.15	48591.7
40562	24.34344	24.33313	24.54521	24.31417	24.81663	23.85111	22062.11	27772.4	46049	32174.98	32846.74	48764.71
40563	24.07465	24.21201	24.54274	24.06069	24.71153	23.92337	20749.26	26532.71	45278.58	33470.1	33785.1	48811.25
40564	23.98142	24.12184	24.43264	23.97726	24.63906	23.88594	19738.4	25047.6	42457.84	33181.91	34337.18	47181.26
40565	23.83753	24.0026	24.32563	23.81118	24.46882	23.81431	18745.16	23492.74	38441.13	31086.75	32761.01	43810.49
40566	23.39549	23.74455	24.18087	23.39226	24.10351	23.68458	17767.17	22150.89	34956.43	27994.19	30363.68	40231.82
40567	22.97375	23.28094	23.7876	22.94448	23.59097	23.31403	17060.65	20871.92	31867.35	26742.71	28646.88	37429.09
40568	23.33958	23.51087	23.79049	23.26753	23.7866	23.34417	16771.21	20272.9	29980.41	24753.45	27114.93	34988.66
40569	23.60288	23.71618	23.93174	23.52656	23.87264	23.45448	16576.38	19930.14	28704.8	23758.26	25781.96	33095.86
40570	23.55347	23.76656	24.0325	23.36517	23.75358	23.51944	16461.02	19768.66	28029.57	22091.4	24165.43	31129.28
40571	23.2409	23.45722	23.82302	23.06878	23.41521	23.28854	16349.76	19469.45	27054.31	22142.85	24185.45	30591.31
40572	23.73479	23.80747	24.22403	23.5416	23.76611	23.4633	16254.38	20081.02	30442.98	22614.8	24693.85	30815.92
40573	23.72101	23.86337	24.54212	23.52111	23.79319	23.54819	16613.9	20303.74	31021.21	22357.6	24802.05	30990.72
40574	23.2367	23.49674	24.2391	23.01938	23.36833	23.34153	16489.39	20026.37	29792.96	21892.71	24223.26	30422.69
40575	23.50236	23.62403	24.13934	23.39931	23.62132	23.3975	16364.7	19775.43	28831.87	20903.14	22974.49	29057.13
40576	23.86323	23.89243	24.22545	23.8833	24.03771	23.62872	16180.5	19300.69	27664.33	18916.06	22043.6	27432.34
40577	23.88198	23.96063	24.32826	23.86049	24.07451	23.7576	16352.35	19552.01	27319.17	19043.13	21134.73	26026.42
40578	23.80826	23.93691	24.39872	23.75253	24.00944	23.77135	15933.86	19113.63	30312.23	19966.34	22158.46	26931.26
40579	23.32788	23.64306	24.31924	23.14538	23.5801	23.61469	15799.73	18685.32	32812.44	21723.79	23506.66	28671.28
40580	22.89153	23.12427	23.88799	22.82955	23.1433	23.15222	16356.84	19715.71	31019.26	21152.07	22841.77	29011.01
40581	23.2767	23.37108	23.91993	23.34865	23.53458	23.28764	16473.55	19905.63	30231.61	20735.77	22623.54	28487.9
40582	23.50924	23.61201	24.1292	23.53931	23.76	23.51483	16428.12	19758.83	29591.31	20431.82	22095.15	27803.76
40583	23.70653	23.76302	24.25483	23.75038	23.91236	23.62681	16567.77	20272.86	30413.68	20294.25	22141.99	27659.01
40584	23.83663	23.89802	24.35375	23.91507	24.0617	23.75833	16494.34	20097.21	29929.31	19783.67	22100.77	27323.73
40585	23.90635	23.99295	24.42726	24.02538	24.16469	23.87507	16532.3	20041.15	28891	19240.7	21646.99	26729.98
40586	23.98142	24.04038	24.43281	24.09361	24.21587	23.93774	16391.65	20471.74	29715.44	19995.8	22475.64	28051.38
40587	23.77924	23.96396	24.44665	23.73417	24.00184	23.92323	15892	18757.46	32063.64	22626.32	24993.35	30081.65
40588	23.47406	23.66625	24.25983	23.36035	23.62125	23.64573	15587.17	17842.29	36309.3	26799.17	28609.58	33710.99
40589	23.35247	23.52899	24.13851	23.23726	23.51132	23.51642	16419.69	19079.44	37916.83	26985.96	28755.17	35226.4
40590	23.57406	23.62236	24.07726	23.65694	23.75344	23.52656	18099.15	21952.24	37699.92	25270.12	27764.56	35005.04
40591	23.45326	23.60913	24.08944	23.49122	23.72965	23.63885	17416.45	22058.13	35440.05	24561.81	26900.44	33970.76

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40592	23.64819	23.7175	24.10649	23.70528	23.84226	23.6542	17626.35	22300.69	35379.83	24205.95	26782.2	33873.75
40593	23.70632	23.79309	24.15677	23.67875	23.8333	23.67882	17320.89	21670.71	33647.62	23445.7	26325.2	33253.74
40594	23.72889	23.88535	24.29618	23.56872	23.79003	23.7074	17129.09	19543.95	36617.02	26610.96	28966.91	35618.54
40595	23.68819	23.82625	24.28385	23.55201	23.74639	23.62698	17364.87	21542.25	34177.46	23852.59	27689.59	34841.96
40596	23.65212	23.81323	24.26542	23.54188	23.7567	23.62976	17189.32	21132.69	31480.2	23370.63	26893.11	33753.09
40597	23.55771	23.72819	24.19271	23.3976	23.64799	23.565	16904.57	20565.62	30082.52	21212.5	24081.96	30596.41
40598	23.72778	23.81389	24.21618	23.50802	23.72128	23.56483	16611.01	20080.29	28802.57	20529.9	22880.11	29246.8
40599	24.10615	24.09778	24.36684	23.87705	24.01257	23.71059	16396.49	19614.69	27541.39	20131.75	22434.7	28361.16
40600	24.58767	24.53663	24.68635	24.38813	24.465	24.03063	16722.76	18629.41	31948.29	23193.59	25246.06	30620.71
40601	24.28698	24.42635	24.83128	24.005	24.2791	24.1017	17763.21	18557.95	36579.8	27411.51	29086.89	33383.41
40602	24.05691	24.16743	24.73944	23.83851	24.08931	23.93288	19082.57	18452.16	41669.43	30147.82	31778.01	35944.71
40603	24.13785	24.16323	24.70069	23.99313	24.15757	23.88705	19567.67	20936.26	41887.2	26689.99	29299.49	37030.33
40604	23.96622	24.16076	24.69358	23.82153	24.12111	23.93497	18556.56	22658.24	33176.05	21246.72	23760.73	33050.94
40605	23.4984	23.77326	24.47441	23.34701	23.69688	23.67365	18181	22402.04	32984.64	22256.8	25345.3	33791.07
40606	23.4192	23.68958	24.34556	23.2242	23.60733	23.5609	18210.28	22741.11	33222.06	22452.32	24924.41	33135.03
40607	23.40688	23.62007	24.23226	23.21128	23.59455	23.4284	17702.76	21888.03	32285.21	22452.4	25614.75	33168.56
40608	23.36122	23.57653	24.12986	23.15868	23.55632	23.37455	17195.37	21025.87	30606.96	21941.49	25096.1	32129.11
40609	23.25302	23.48576	23.8434	23.14142	23.55097	23.35236	16843.52	20334.81	28918.45	21384.9	24368.8	30894.91
40610	23.63212	23.7351	23.87219	23.57271	23.91639	23.54128	16714.46	19956.26	27793.02	20979.49	23307.15	29475.53
40611	23.87715	23.92622	24.01649	23.85313	24.13038	23.67969	17262.24	21058.14	29054.52	20627.98	23183.67	28888.07
40612	23.67819	23.85201	24.05628	23.65066	24.02361	23.71142	16688.22	20137.54	27952.74	20261.37	23169.76	28199.05
40613	23.38649	23.6067	23.95764	23.34198	23.77174	23.57649	16206.82	19226.54	26282.39	19646.3	22398.12	27188.75
40614	23.3725	23.5617	23.89736	23.34229	23.72517	23.52073	16377.38	19673.25	28332.95	20642.48	22765.79	27577.01
40615	23.57559	23.68	23.92438	23.63007	23.92219	23.57118	16623.95	20101.93	28517.96	20177.37	22624.19	27426.05
40616	23.62476	23.7626	24.01507	23.69021	24.00194	23.66917	16815.42	20346.1	29019.04	20378.57	22897.88	27560.49
40617	23.45212	23.63118	23.99622	23.4951	23.86632	23.61674	16637.05	19987.28	28267.52	19745.43	22555.52	27057.89
40618	23.49208	23.6542	24.0033	23.57177	23.91642	23.62399	16376.79	19483.77	26970.1	19321.15	22136.51	26348.14
40619	23.25337	23.5117	23.96715	23.23292	23.69382	23.57469	16421.2	18991.86	27340.79	20442.27	22580.76	26696.47
40620	23.34389	23.48764	23.88149	23.38712	23.70566	23.44844	16806.48	19967.38	29428.11	20656.39	23019.32	27838.05
40621	23.06976	23.32778	23.83337	23.0149	23.48212	23.39233	17153.7	20539.84	30747.34	20985.82	23142.49	28131.14
40622	23.01229	23.23399	23.70917	22.93507	23.3626	23.24382	17403.6	20666.46	31748.75	21720.53	23405.91	28590.74
40623	22.96288	23.17587	23.63708	22.89122	23.29681	23.16403	17677.4	20938.18	31917.37	21760.24	24019.19	29256.35

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40624	22.91188	23.12896	23.58167	22.89917	23.28	23.11743	17712.28	21022.51	32339.46	21631.15	23919.45	29323.19
40625	22.92097	23.08712	23.52712	22.98649	23.31101	23.08566	17416.01	20968.76	30967.93	21454.92	23911.21	29293.45
40626	23.36799	23.43528	23.68847	23.53899	23.76222	23.33253	17279.78	20693.8	29776.31	20755.54	23610.19	28743.98
40627	23.68993	23.69233	23.89069	23.90236	24.06983	23.56885	16986.75	20104.01	28417.91	20308.44	22885.77	27815.16
40628	24.33229	24.21431	24.26375	24.58455	24.65986	23.96872	16714.99	19510.48	26997.56	19604.99	22401.54	26924.42
40629	24.79302	24.66028	24.64042	25.01392	25.10451	24.37639	16456.97	18962.03	25662.56	19111.45	21737.32	26012.96
40630	25.12181	24.97264	24.93378	25.31747	25.41042	24.68601	16119.68	18523.57	24550.4	18600.52	21025.92	25066.06
40631	25.4816	25.34733	25.26642	25.4258	25.56566	24.92375	16139.33	18468.78	24119.51	18298.09	20799.01	24557.32
40632	25.64948	25.56337	25.50816	25.61566	25.73177	25.07281	16134.17	18479.62	24133.83	18090.26	20694.06	24434.6
40633	25.47646	25.45104	25.52892	25.37802	25.56469	25.0634	15817.06	18042.13	23200.91	17843.13	20298.11	23969.79
40634	25.41938	25.43375	25.56444	25.35917	25.5508	25.07729	15569.57	17662.26	22293.88	17382.85	19933.41	23317.45
40635	25.0175	25.17865	25.47733	24.92188	25.22701	24.96302	15304.62	17289.32	21492.26	16900.92	19410.06	22540.57
40636	24.55767	24.77007	25.22056	24.28625	24.65451	24.61983	15215.87	17077.7	20948.64	16834.67	19015.97	21962.83
40637	25.07465	25.07819	25.27337	24.88101	25.01031	24.6426	15146.49	16985.89	20624.1	16632.67	18921.41	21625.7
40638	24.82372	24.98153	25.27431	24.53038	24.8167	24.66323	15102.65	16885.24	20349.09	16622.74	18626.21	21259.01
40639	24.94892	24.97806	25.20194	24.73493	24.87337	24.58799	15552.57	17726.35	21464.86	16894.47	19101.61	21714.32
40640	24.30299	24.59941	25.09437	24.04045	24.42642	24.46892	15594.11	17747.74	22341.36	17242.45	18987.62	21934.83
40641	24.11507	24.3226	24.83396	23.85774	24.18785	24.19611	15600.87	17312.18	23408.99	19161.41	20722.39	23588.03
40642	24.0534	24.21226	24.66549	23.87208	24.11587	24.03472	15855.92	17470.36	24139.49	19701.73	21565.79	24918.26
40643	24.06243	24.24045	24.65212	23.88365	24.14906	24.0224	16050.3	17988.85	24018.98	18798.55	20624.3	24563.14
40644	24.18021	24.28194	24.62892	24.06465	24.24833	24.02635	16012.87	18174.27	23905.13	18749.54	20946.02	24817.65
40645	24.47934	24.56931	24.81861	24.4217	24.59128	24.26229	15947.72	18253.11	23769.29	18465.94	20841.41	24573.14
40646	24.08417	24.34014	24.79476	24.0533	24.3467	24.21844	15723.5	17818.62	22918.99	17920.31	20556.75	24005.87
40647	23.8641	24.11344	24.65375	23.81302	24.12642	24.06247	15469.39	17377.7	21994.9	17483.57	19848.34	23004.74
40648	23.91649	24.05156	24.63559	23.76309	24.03101	23.9391	15290.75	17055.36	21216.07	17178.11	19296.61	22384.13
40649	24.44649	24.47486	24.81122	24.26979	24.43892	24.1333	15144.49	16838.06	20656.45	16847.55	18998.62	21873.72
40650	24.48795	24.58285	24.98816	24.2484	24.4916	24.25944	15039.61	16650.45	20173.39	16551.06	18661.38	21344.76
40651	24.35205	24.44212	24.91997	24.10326	24.33861	24.16753	14883.58	16448.83	19737.18	16349.89	18360.39	20893.53
40652	24.64882	24.69358	25.02688	24.44302	24.60757	24.30503	14756.57	16323.93	19419.58	16043.5	18205.43	20518.03
40653	24.42757	24.5474	24.98087	24.20476	24.42819	24.27017	14679.28	16179.25	19122.77	15937.06	18063.17	20213.56
40654	24.58826	24.65882	25.03191	24.39014	24.55882	24.33215	14592.23	16055.2	18887.58	15792.87	17830.75	19935.06
40655	24.64389	24.71125	25.07972	24.48188	24.61819	24.38983	14526.07	15937.28	18629.74	15601.77	17682.62	19633.41

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40656	24.60795	24.70802	25.10628	24.39403	24.57785	24.42559	14471.89	15838.94	18431.46	15554.78	17507.53	19413.18
40657	24.71604	24.78549	25.15545	24.51427	24.6516	24.46205	14398.23	15734.71	18228.8	15421.7	17412.76	19176.85
40658	24.86958	24.87365	25.22635	24.69406	24.76424	24.52392	14356.52	15649.66	18024.79	15312.94	17244.96	18966.38
40659	25.04965	25.0176	25.33722	24.87069	24.91059	24.65712	14322.78	15571.25	17832.9	15253.99	17086.55	18788.39
40660	25.6017	25.5026	25.6675	25.40177	25.37413	24.98361	14345.52	15570.12	18053.99	15440.45	17137.7	18788.97
40661	25.70854	25.6517	25.84927	25.52604	25.51976	25.15472	14524.51	15829.31	18677.33	15772.85	17574.44	19248.17
40662	25.64365	25.62295	25.92313	25.46569	25.49427	25.20344	14583.06	15948.91	18745.6	15834.28	17660.64	19361.01
40663	25.62556	25.6608	26.00549	25.4974	25.55694	25.27625	14489.62	15831.82	18379.93	15586.38	17505.39	19100.08
40664	24.92622	25.15767	25.81118	24.72153	24.99545	25.03854	14431.67	15733.21	18291.91	15697.6	17453.74	19131.49
40665	24.9883	25.09226	25.64056	24.80976	24.9341	24.84632	14557.27	15944.43	18694.87	15815.93	17536.22	19405.77
40666	25.09365	25.14118	25.64556	24.9442	25.01014	24.84455	14604.97	16002.07	18772.98	15955.4	17778.25	19607.13
40667	25.0133	25.06854	25.66896	24.83719	24.94076	24.87073	14464.13	15562.04	18979.08	16463.16	18074.36	20340.62
40668	24.42003	24.62451	25.42552	24.25208	24.4383	24.5199	14888.21	16001.52	21447.56	20400.96	21422.25	22771.97
40669	24.19917	24.38691	25.14163	23.97958	24.20128	24.24601	14979.92	16481	21477.46	18151.09	19866.26	22697.09
40670	24.80021	24.73448	25.23319	24.63076	24.61979	24.33128	14903.42	16574.35	20852.36	16340.32	18379	21534.51
40671	25.05722	25.13063	25.63264	24.88983	25.05111	24.77247	15035.75	16520.09	21591.68	19051.58	20403.94	22486.83
40672	25.11972	25.16809	25.73347	24.91493	25.06347	24.80042	15120.68	16763.13	20829.53	16506.5	18252.96	21864.87
40673	25.20066	25.25622	25.82028	24.99465	25.14549	24.87323	15115.04	16630.39	21441.45	18715.19	20244.32	22971.23
40674	25.41038	25.44503	26.12316	25.18944	25.32514	24.99774	15198.61	16997.18	21493.37	17894.26	19720.26	22915.05
40675	25.49802	25.5524	26.06476	25.44333	25.53236	25.12622	15084.95	16898.91	21041.78	17445.8	19144.05	22250.67
40676	25.67076	25.68299	26.05059	25.71465	25.76795	25.29354	15044.79	16785.69	20644.87	17190.77	18865.07	21718.7
40677	25.66972	25.7283	26.07184	25.77569	25.8625	25.43059	14917.38	16574.44	20122.43	16828.49	18644.61	21187.19
40678	25.91837	25.88108	26.14399	26.0076	26.05285	25.56438	14846.34	16452.2	19737.8	16685.2	18351.51	20791.17
40679	25.94462	26.01434	26.27167	26.07434	26.20278	25.73569	14699.11	16226.33	19318.15	16358.63	18176.5	20280.29
40680	25.49222	25.66306	26.09774	25.54441	25.79979	25.57056	14534.23	15986.05	18827.98	16142.17	17895.71	19951.67
40681	25.78236	25.82361	26.10684	25.82378	25.97358	25.60094	14479.97	15869.11	18475.84	15868.51	17549.04	19520.54
40682	25.75351	25.84285	26.14628	25.78267	25.9716	25.65201	14410.07	15741.56	18157.07	15650.91	17431.97	19195.77
40683	25.72111	25.80219	26.10955	25.71497	25.8949	25.61896	14321.98	15605.55	17904.36	15499.05	17241.34	18905.98
40684	25.8024	25.85156	26.13851	25.78823	25.9151	25.62285	14270.04	15527.31	17713.28	15379.16	17083.14	18668.14
40685	25.7216	25.8883	26.32955	25.61163	25.84076	25.67569	14406.66	15748.93	17961.49	15718.09	17432.9	18922.09
40686	25.03681	25.28153	25.92486	25.05691	25.27698	25.27729	14530.92	15999.5	18322.68	15954.8	17778.38	19368.25
40687	25.40375	25.48406	25.88483	25.45333	25.55219	25.33215	14444.27	15866.07	18140.76	15810.13	17548.47	19091.99

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40688	25.5874	25.6333	25.96917	25.57094	25.66333	25.43604	14329.29	15645.23	17814.31	15549.56	17293.87	18755.99
40689	25.75288	25.78972	26.0875	25.68014	25.76285	25.53611	14257.44	15511.45	17580.62	15378.83	17096.12	18486.66
40690	25.83396	25.89281	26.17205	25.7258	25.81049	25.59816	14202.6	15411.22	17393.06	15287.16	16962.38	18285.75
40691	25.49722	25.66698	26.09663	25.31997	25.53163	25.5024	14219.26	15281.93	17519.36	15598.17	17018.91	18374.59
40692	25.50521	25.61431	26.0158	25.3842	25.50448	25.41076	14368.48	15635.35	18428.35	16170.06	17662.44	19626.7
40693	25.60733	25.65521	26.00726	25.53361	25.60576	25.43069	14602.85	16006.03	19225.28	16972.7	18441.36	20570.07
40694	25.7434	25.78226	26.09278	25.57635	25.64594	25.5009	14738.67	16182.38	19925.32	17941.89	19326.98	21544.41
40695	25.52295	25.65656	26.08951	25.27792	25.47444	25.46271	14840.96	16279.73	20633.82	18647.37	19947.87	22258.71
40696	25.40424	25.54115	25.99257	25.20566	25.39285	25.35462	14979.53	16443.61	21295.73	18930.44	20373.91	22641.36
40697	25.22694	25.28917	25.76851	25.14913	25.26132	25.16993	15081.22	16830	21326.18	17346.15	19309.3	22690.18
40698	25.66642	25.71972	25.97979	25.60243	25.72236	25.42417	15056.04	16726.86	21000.29	18017.65	19558.01	22533.44
40699	25.43389	25.61188	26.01438	25.2541	25.51976	25.4366	15073.08	16715.81	21261.21	18718.18	19857.31	22202.02
40700	25.29247	25.42865	25.87792	25.12309	25.33872	25.25424	15154.85	16889.17	21329.22	18421.4	21185.38	22897.21
40701	25.56201	25.60448	25.91104	25.46174	25.57118	25.31042	15139.83	16916.53	21134.26	17551.13	21259.82	22375.78
40702	26.05608	26.01219	26.12604	26.00972	26.04153	25.6041	15077.96	16791.62	20664.47	17185.03	20577.21	21485.58
40703	26.62764	26.47438	26.42444	26.60656	26.53927	25.95167	15024.89	16679.9	20301.81	16775.42	20114.59	20991.94
40704	26.72361	26.66684	26.67313	26.66747	26.69625	26.2042	14854.14	16417.68	19747.42	16641.04	19578.68	20437.12
40705	26.5659	26.59024	26.72163	26.45111	26.5616	26.22299	14695.32	16216.5	19283.09	15953.63	18961.39	19833.15
40706	26.23396	26.33274	26.66667	25.95462	26.15604	26.07865	14874.99	16315.76	19309.93	16552.34	20120.13	20916.27
40707	26.26917	26.31184	26.5616	26.03063	26.15118	25.95278	15115.24	16806.04	19958.98	17319.65	21396.32	22144.26
40708	26.21215	26.31913	26.55229	26.0092	26.19483	25.98146	15164.53	17076.31	20269.76	16931.42	20963.13	21818.96
40709	25.51389	25.79243	26.30837	25.1426	25.55264	25.68729	15348.84	17053.63	20571.61	18298.52	21812.13	22814.03
40710	24.8491	25.17021	25.85434	24.63368	25.02944	25.23274	15544.67	16605.22	20776.32	19921.99	23043.37	24009.96
40711	24.98212	25.04083	25.50837	24.9249	25.04417	24.94677	15790.82	17899.51	21795.95	17253.38	21393.45	23203.49
40712	25.69938	25.73458	25.89681	25.57069	25.71042	25.38108	15548.96	17554.65	20983.73	17649.65	21359.82	22690.2
40713	25.55469	25.63049	25.93156	25.44486	25.60285	25.37691	15434.48	17290.81	20445.52	17366.76	20990.62	22319.88
40714	25.61104	25.75413	26.07076	25.57563	25.80674	25.56677	15439.6	16903.57	19992.21	18934.65	21717.94	22537.65
40715	25.56535	25.58479	25.94403	25.53639	25.66729	25.43552	15845.91	17579.16	20932.45	18134.84	21822.7	23076.71
40716	25.64385	25.79017	26.09632	25.52434	25.78469	25.58031	15632.29	17514.54	20612.16	17918.24	21460.27	22646.73
40717	25.57649	25.66788	26.00733	25.41156	25.62837	25.44688	15731.13	17668.83	20683.61	18200.74	21886.1	22900.5
40718	25.59965	25.75427	26.09816	25.49792	25.73333	25.55854	15823.84	17602.62	20638.34	19774.79	23288.37	24045.89
40719	25.36997	25.45042	25.8816	25.2374	25.43969	25.30906	16086.05	17871.35	21302.75	19231.57	23365.07	24522.25

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40720	25.57604	25.69438	25.99972	25.35882	25.61507	25.41938	16308.4	18018.41	21742.1	19695.7	24016.95	25030.22
40721	25.52906	25.61323	25.93038	25.38337	25.57587	25.33635	16082.86	17961.97	21243.26	18849.14	22804.45	24115.55
40722	25.85795	25.89247	26.08552	25.68684	25.85413	25.5233	16029.11	17849.63	20932.38	18581.94	22214.96	23353.07
40723	25.69809	25.82271	26.1341	25.50771	25.75521	25.54868	16340.73	18236.86	21624.69	19435.86	23370.87	24296.46
40724	25.89559	25.93007	26.14288	25.74875	25.90646	25.57722	16212.89	18210.57	21645.07	19042.21	23157.33	24384.04
40725	25.4725	25.71795	26.14118	25.24649	25.61486	25.55458	16180.23	17869.28	21091	19239.06	23045.07	24032.72
40726	25.11326	25.31889	25.82559	24.88878	25.21354	25.19628	16118.6	18060.75	21443.44	19253.07	23345.44	24639.44
40727	25.25948	25.375	25.76181	25.06403	25.3017	25.15965	16111.25	18135.13	21387.73	19360.53	23257.12	24274.53
40728	25.49625	25.58167	25.85135	25.34031	25.52792	25.26809	16178.98	17872.58	22250.52	19618.85	23746.55	24678.17
40729	25.76201	25.77882	26.00389	25.67771	25.79024	25.42819	16242.89	18124.28	23391.25	19747.73	24133.11	25198.77
40730	25.90844	25.94792	26.15542	25.79948	25.96538	25.62382	16226.59	18172.42	23040.34	19125.44	23061.62	24152.53
40731	26.14319	26.12788	26.27264	25.98882	26.11552	25.73597	16127.67	18042.33	22314.53	18544.54	22297.74	23398.16
40732	26.17927	26.20413	26.38125	26.0108	26.16299	25.8183	15932.47	17759.08	21657.99	18181.36	21724.31	22797.13
40733	26.25375	26.2833	26.44826	26.09608	26.24708	25.89431	15736.29	17445.13	21060.89	17718.65	21103.64	22152.66
40734	26.0509	26.12049	26.41333	25.84972	26.00594	25.82448	16214.34	17838.92	22198.53	19182.42	23000.49	23734.37
40735	26.00917	26.14691	26.4316	25.81576	26.05788	25.86316	16424.5	18264.07	23287.73	20147.39	24060.12	24725.94
40736	25.43844	25.64094	26.14236	25.21007	25.50868	25.51399	16425.06	18550.24	23451.86	20119.15	24499.13	25546.53
40737	24.49139	24.82566	25.54719	24.36979	24.72733	25.03167	16464.35	17438.21	24726.25	22314.15	25846.47	26443.47
40738	24.64476	24.77021	25.27076	24.54115	24.77146	24.73948	16762.28	19020.87	24156.29	19961.56	23831.39	25212.53
40739	24.67146	24.86948	25.35611	24.46292	24.77649	24.79243	16723.67	18379.7	24535.41	22567.96	26328.95	26848.47
40740	24.66597	24.82076	25.28069	24.47253	24.73865	24.70132	17141.98	18976.52	25143.05	22836.96	26799.63	27846.1
40741	25.12622	25.13767	25.37413	25.00826	25.1425	24.84215	17293.69	19656	24982.21	21520.65	25560.47	27003.89
40742	24.92816	25.06597	25.45507	24.83181	25.06944	24.92455	17333.68	18925.81	25314.74	22933.66	26614.3	27575.49
40743	25.15747	25.20767	25.48719	25.13889	25.28566	24.99201	17257.04	19490.57	24378.14	21501.85	25528.55	26811.68
40744	25.60611	25.61271	25.74177	25.57399	25.70066	25.29653	16993.35	19184.51	23739.99	20736.94	24405.27	25572
40745	25.71337	25.72153	25.8924	25.6624	25.78399	25.42531	17368.52	19095.86	24742.63	22103.22	26038.47	26906.75
40746	25.39809	25.61104	25.95319	25.20344	25.53604	25.43455	17619.21	19889.45	25722.4	22856.51	26659.22	27718.8
40747	25.12469	25.29903	25.71549	24.86229	25.15927	25.08792	17888.08	20325.62	26395.96	23274.67	27571.32	28566.78
40748	25.06747	25.23611	25.62955	24.80194	25.09149	24.98868	17690.28	20352.63	25902.22	23291.88	27490.69	28507.86
40749	25.43	25.46615	25.69615	25.22396	25.41139	25.10083	18027.52	20245.84	26613.6	24543.83	28935.49	29776.53
40750	25.19924	25.36274	25.73747	24.98389	25.27038	25.13056	17853.59	20318.18	25896.95	24158.97	28305.8	29356.76
40751	25.57212	25.58253	25.77007	25.49941	25.63517	25.22635	17638.33	20328.97	25366.78	23432.72	27743.32	29051.92

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40752	25.51941	25.65438	25.89979	25.37722	25.63413	25.36753	17388.28	19950.19	25203.09	23196.64	27151.38	28257
40753	25.02424	25.31049	25.76955	24.75778	25.15299	25.1424	17815.1	20540.7	26143.59	24752.05	29039.44	30012.53
40754	24.89976	25.14885	25.59917	24.68101	25.02635	24.95594	17763.01	20380.31	26502.89	24865.2	29154.67	30015.03
40755	24.83823	25.02736	25.45691	24.6699	24.94313	24.81583	18083.15	20816.14	26516.08	24806.93	29590.6	30635.14
40756	25.22625	25.26194	25.52372	25.15608	25.30406	24.94948	18089.66	20950.43	26562.12	24491.92	29035.32	30355.63
40757	25.4292	25.51056	25.73198	25.40882	25.57705	25.20788	17730.59	20499.48	25657.76	23094.5	27341.75	28677.03
40758	25.09188	25.29688	25.68198	24.91896	25.22497	25.09938	17393.92	20037.41	24761.53	22474.53	26279.11	27531.56
40759	25.48753	25.49785	25.69997	25.44184	25.55396	25.14563	17184.01	19590.21	23942.43	21606.22	25575.46	26771.75
40760	25.6908	25.74497	25.90288	25.6658	25.82177	25.41219	16768.08	19029.89	23131.29	20666.85	24308.96	25531.8
40761	25.6951	25.74938	25.95997	25.62608	25.79993	25.44681	16869.37	19120.4	22951.5	21452.42	25049.23	25858.47
40762	25.93427	25.96847	26.10431	25.82705	25.99729	25.59194	16806.19	19103.65	22955.02	20883.02	24427.04	25416.31
40763	26.05729	26.05608	26.19417	25.94045	26.08674	25.66965	17110.07	19593.74	23595.21	21357.67	25090.06	25937.27
40764	26.20017	26.19597	26.29872	26.1017	26.23444	25.79017	16660.26	18960.2	22886.43	20160.42	23894.17	24906.58
40765	25.99701	26.15035	26.38472	25.90951	26.16854	25.89191	16621.27	18880.01	22609.32	20234.12	23748.51	24494.56
40766	25.46792	25.66347	26.08517	25.38417	25.68347	25.56812	16823.58	19291.68	23308.87	21189.46	24744.14	25390.67
40767	25.15743	25.41142	25.87559	25.13719	25.46177	25.39035	16886.1	19388.44	23878.58	21481.69	25179.11	25795.27
40768	24.76771	25.05833	25.60698	24.8316	25.17694	25.17045	16883.95	19449.88	24285.61	21398.82	25141	26403.91
40769	24.59597	24.82087	25.36243	24.66535	24.97795	24.95208	17037.71	19852.85	24528.26	21501.51	24848.16	26893.72
40770	24.52767	24.77337	25.28476	24.60514	24.92639	24.89896	16925.99	19828.91	25424.92	22663.49	25547.22	27286.96
40771	24.24788	24.46844	25.04698	24.31174	24.63792	24.65413	17241.26	20464.52	25680.55	22719.21	26451.12	27886.23
40772	24.7649	24.83694	25.15375	24.91861	25.11521	24.8159	17242.19	20449.1	25254.32	21483.29	25129.33	26674.84
40773	25.22892	25.23608	25.39111	25.44892	25.57108	25.11049	17104.46	20097.24	24575.19	20888.46	24698.92	26314.4
40774	25.13632	25.23358	25.5259	25.38639	25.57351	25.24563	16670.47	19433.1	23562.88	20038.03	23146.45	24940.48
40775	25.23833	25.35233	25.62351	25.48819	25.69892	25.37611	16212.25	18757.54	22585.63	18914.67	22073.63	23841.09
40776	25.12882	25.23479	25.58243	25.36229	25.58024	25.32354	16000.18	18378.6	21886.59	18796.2	21747.88	23355.97
40777	25.5126	25.51031	25.69486	25.78309	25.91066	25.47	16118.59	18547.05	21860.02	19405.58	22506.93	23896.7
40778	25.32507	25.48806	25.80247	25.54608	25.79792	25.55785	15850.92	18114.67	21946	19312.04	22141.32	23503.78
40779	25.05382	25.22313	25.64497	25.22913	25.49146	25.35257	16185.77	19050.06	22927.84	19999.74	23362.67	24875.45
40780	24.92632	25.11819	25.55219	25.10806	25.38128	25.26156	16285.51	19319.13	23081.87	19817.22	23222.3	24729.21
40781	25.14878	25.23601	25.54642	25.35712	25.54941	25.27448	16383.82	19467.96	23687.28	20741.27	24123.11	25582.32
40782	25.24073	25.2967	25.5974	25.47319	25.62684	25.3358	16493.65	19788.87	24239.56	21155.34	24758.43	26333.37
40783	25.00351	25.24434	25.66431	25.15799	25.48306	25.38865	16597.09	19830.52	24732.98	21836.42	25361.08	26893.87

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40784	24.60049	24.78979	25.34306	24.67365	24.96219	24.96413	16603.35	20045.76	24903.55	21587.67	25248.98	27072.1
40785	25.15865	25.21622	25.47559	25.2976	25.47944	25.16076	16613.15	19905.02	24926.94	21397.22	24842.72	26506.6
40786	25.34295	25.35295	25.60063	25.4917	25.64431	25.29875	16758.52	20386.33	25450.51	21747.17	25436.1	27260.14
40787	25.44701	25.55656	25.79809	25.58285	25.80948	25.50736	16532.23	20042.66	25243.05	21362.89	24744.64	26646.77
40788	24.83458	25.10823	25.62247	24.95451	25.28795	25.26837	16562.67	20288.52	26733.98	22971.03	26175.42	27842.83
40789	24.60028	24.79604	25.32455	24.68587	24.9725	24.95608	16964.66	21310.46	27271.31	23538.05	27117.59	28826.33
40790	24.92653	25.02538	25.35108	25.04462	25.25792	25.02764	17215.33	21909.29	28102.6	24348.64	28049.91	29906.83
40791	24.84906	24.99844	25.36733	25.00111	25.23253	25.05014	17359.56	21580.68	27393.39	23344.32	27048.76	29111.6
40792	25.1284	25.15344	25.41431	25.37424	25.50219	25.15181	17144.06	20765.9	25957.69	21987.64	25507.39	27531.19
40793	25.32351	25.44875	25.66028	25.55184	25.76816	25.4758	16893.47	20236.26	25590.58	22146.61	25325.52	27069.61
40794	24.96424	25.15399	25.54212	25.07167	25.35681	25.25878	17384.36	21165.99	26533.35	23068.53	26421.05	28222.6
40795	25.31865	25.33594	25.55177	25.58726	25.70028	25.31469	17427.21	21064.31	26237.89	22704.9	26297.98	28186.03
40796	25.34497	25.44795	25.69146	25.59313	25.77458	25.47854	17239.41	20756.87	25589.28	22268	25645.99	27466.52
40797	24.95059	25.19569	25.60983	25.05017	25.36826	25.32667	17132.46	20702.11	25740.83	22443.29	25870.66	27534.23
40798	25.21826	25.27958	25.54285	25.39858	25.56639	25.2742	17220.35	20789.53	25908.78	22157.24	25799.73	27741.26
40799	25.36892	25.41163	25.63212	25.625	25.73823	25.41069	16921.33	20258.48	25129.9	21600.48	25018.19	26886.45
40800	25.55524	25.58483	25.76604	25.85163	25.94736	25.57747	16578.59	19570.64	24072.99	20559.72	23801.43	25710.95
40801	25.40639	25.56569	25.835	25.69774	25.86719	25.65063	16204.83	18846.04	22993.86	19642.85	22695.97	24537.6
40802	25.17917	25.33069	25.68517	25.48816	25.63337	25.48309	15967.73	18371.23	22191.13	19309.32	22140.97	23739.65
40803	24.92903	25.14635	25.58628	25.03753	25.31243	25.32215	16275.49	18868.22	22881.83	20394.4	23487.12	24824.53
40804	24.98486	25.12576	25.49458	25.27285	25.39302	25.24667	16024.85	18532.79	22455.69	19589.24	22395.08	24129.75
40805	25.19497	25.30188	25.57722	25.46177	25.59024	25.3799	15815.51	18195.1	22118.3	19625.37	22240.28	23821.53
40806	25.12948	25.27389	25.59639	25.40667	25.54469	25.37517	16248.89	18974.11	22669.16	20238.89	23370.48	24999.04
40807	24.94993	25.1126	25.49128	25.27132	25.36729	25.25389	16009.79	18487.88	21986.36	19046.55	22243.45	23915.99
40808	25.08014	25.19632	25.50372	25.31792	25.44677	25.29042	15674.47	17917.76	21124.47	18243.12	21338.83	22897.32
40809	25.18014	25.28646	25.56833	25.41639	25.53212	25.35823	15638.43	17787.87	20772.09	18389.75	21262.57	22596.11
40810	25.50323	25.495	25.67215	25.72823	25.75809	25.4599	15938.57	18416.7	22195.72	19918.57	23039.14	24277.84
40811	25.26271	25.40976	25.72889	25.3926	25.5924	25.47858	16068.55	18841.05	23602.43	20056.9	23782.35	24969.29
40812	25.15913	25.31965	25.65299	25.26719	25.47285	25.37076	16090.93	18934.37	23813.04	20167.74	23730.34	25108.61
40813	25.43451	25.42573	25.65476	25.6326	25.69007	25.38858	15951.03	18607.62	23114.64	19472.93	22952.37	24397.35
40814	25.99226	25.89757	25.94951	26.25538	26.24191	25.75253	15729.62	18108.74	22337.27	18619.65	21868.13	23356.93
40815	26.11382	26.08417	26.16406	26.35198	26.38594	25.97132	15427.61	17567.61	21393.35	17849.67	20740.7	22277.4

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40816	25.86667	25.98559	26.20087	26.02007	26.16542	25.97188	15163.04	17107.81	20590.85	17140.44	19902.46	21347.99
40817	25.3317	25.5449	25.94458	25.45309	25.64743	25.65806	14917.81	16682.96	19770.15	16586.11	19172.21	20508.27
40818	24.94545	25.23774	25.72483	25.0442	25.26899	25.4276	15004.64	16503.91	19706.35	17554.14	19908.49	20888.31
40819	24.74892	24.93976	25.42875	24.80389	25.00694	25.09399	15490.22	17218.59	21220.08	18763.31	21579.67	22744.13
40820	25.04465	25.13705	25.46865	25.15819	25.3024	25.16753	15727.07	17810.1	21919.61	18577.44	21766.18	23218.57
40821	25.32819	25.41042	25.63993	25.45938	25.60892	25.37507	15764.67	17810.57	21888.91	18197.38	21300.64	22808.47
40822	24.87472	25.09375	25.53465	24.91858	25.17931	25.20243	15947.89	17809.52	22148.49	18884.05	21818.29	23232.85
40823	25.07941	25.16906	25.4783	25.22035	25.35906	25.17976	15913.76	17975.79	22239.29	18499.06	21742.81	23420.63
40824	25.27125	25.36247	25.6059	25.43524	25.57611	25.34958	15745.21	17721.6	21812.14	18134.05	21134.94	22713.4
40825	24.92719	25.17212	25.58424	25.0499	25.27233	25.29135	15805.64	17357.55	22051.65	19235.07	21896.6	23004.11
40826	24.92705	25.06128	25.43962	25.01833	25.2033	25.12653	16113.29	17992.53	22789.88	19622.27	22933.03	24449.4
40827	24.95698	25.14767	25.49128	25.03972	25.28017	25.18955	16453.78	18488.24	24577.95	21300.35	24147.98	25397.61
40828	24.73243	24.94698	25.38531	24.80354	25.07313	25.04639	16923.59	19252.25	26010.1	21690.03	25064.13	26621.7
40829	24.82594	24.94729	25.30694	24.93153	25.13618	24.98872	16955.14	19807.38	26176.23	20827.11	24735.9	26879.72
40830	24.85316	25.02934	25.36826	24.97247	25.21823	25.06684	16851.79	19650.92	25369.1	20405.87	24011.46	26067.42
40831	24.84219	25.01066	25.35483	24.95792	25.19615	25.04319	17032.12	20037.89	26088.42	21473.42	25304.18	27316.24
40832	24.51431	24.81142	25.2725	24.58372	24.93993	24.94365	16813.57	19787.51	25498.17	21315.47	24712.39	26502.76
40833	24.37712	24.60635	25.07747	24.44767	24.75003	24.72253	16811.72	19846.86	25506.68	21354.2	25009.56	27027.61
40834	24.4166	24.62628	25.04698	24.49688	24.78608	24.71167	16537.58	19334.45	24517.53	20239.46	23683.01	25699.38
40835	24.31972	24.59257	25.01927	24.46976	24.7875	24.73514	16630.91	18572.45	24786.73	20929.79	23722.56	25029.58
40836	23.88958	24.22767	24.79441	23.9567	24.35958	24.48826	17264.75	20349.47	26689.14	22867.24	25765.21	27073.62
40837	23.60622	23.92056	24.48247	23.63309	24.02594	24.17208	17597.66	20910.77	28039.33	24136.08	27073.11	28825.46
40838	23.64361	23.89017	24.40816	23.68764	24.01733	24.05146	16359.11	19859.93	25550.26	22453.19	25968.28	28139.05
40839	23.93503	24.09285	24.47132	24.00955	24.27052	24.15201	16269.45	19780.43	25517.46	22563.77	26050.7	28046.71
40840	24.13813	24.2775	24.59385	24.21122	24.46344	24.28844	16254.06	19909.03	25881.02	21923.16	26003.75	28433.43
40841	24.28646	24.38816	24.67833	24.41611	24.61351	24.38031	16132.99	19424.51	24984.96	20823.16	24816.24	27035.43
40842	24.50212	24.59233	24.82799	24.6424	24.8342	24.55833	16008.62	18996.07	24209.36	20259.67	23816.69	25828.74
40843	24.52653	24.64177	24.92997	24.63608	24.85691	24.64753	16161.14	19043.02	25465.64	22631.54	25582.32	27023.75
40844	24.62514	24.72969	25.00392	24.66219	24.915	24.70201	16855.92	20182.5	28171.07	24239.53	27657.86	29445.26
40845	24.07906	24.26792	24.77455	24.1084	24.46545	24.48323	18344.5	21424.63	31738.98	26454.41	29347.71	30456
40846	24.11941	24.27024	24.66361	24.16344	24.46163	24.36538	17303.25	21894.39	29726.94	24387.35	28318.85	31146.86
40847	23.99764	24.22208	24.64847	24.00618	24.37056	24.32795	16945.84	20526.78	29391.11	25478.64	28593.5	30259.93

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40848	23.89382	24.07247	24.51618	23.90365	24.21941	24.16035	17021.86	21276.17	30317.65	25643.41	29219.84	31665.2
40849	24.26385	24.31017	24.59281	24.35455	24.5508	24.27733	17774.31	22122.9	30626.14	25466.61	29611.49	32422.69
40850	24.30722	24.43674	24.74222	24.3442	24.62549	24.43156	17723.64	22652.79	31939.4	27292.14	30988.33	33305.39
40851	24.21455	24.39903	24.73427	24.27351	24.58069	24.4083	17409	21824.66	28706.87	23225.61	27962.81	31780.65
40852	23.89767	24.08997	24.55469	23.99708	24.2909	24.20917	17020.04	20925.31	26647.18	22279.22	26661.26	29858.88
40853	24.3358	24.44378	24.69608	24.48354	24.71646	24.43642	16850.24	20578.12	26353.48	21850.54	25754.96	28608.67
40854	24.11656	24.29031	24.6741	24.20288	24.50639	24.38694	16734.21	20973.12	27779.73	23384.86	26750.02	29120.39
40855	24.10021	24.29924	24.65576	24.25431	24.55122	24.37545	16792.08	20987.42	26532.41	22801.81	26857.97	29761.77
40856	23.80993	24.02708	24.50427	23.94951	24.26274	24.21094	16803.44	20674.51	25261.87	22927.79	26493.5	28636.45
40857	23.56594	23.82778	24.37573	23.62139	24.01003	24.06295	17938.42	23278.34	30034.67	26990.28	30005.37	31182.13
40858	23.77913	23.91823	24.30719	23.94104	24.20052	24.03299	17186.43	21715.2	28203.83	24263.09	28068.63	30688.09
40859	23.74226	23.94156	24.34552	23.84135	24.17264	24.08292	16977.78	21594	27824.49	24687.92	28108.34	30226.4
40860	23.18618	23.45896	24.09399	23.17715	23.58865	23.73687	19075.51	22768.08	33779.24	30172.47	32643.72	33377.87
40861	23.25913	23.44347	23.94295	23.26472	23.60569	23.59438	18159.69	23177.79	32791.18	27530.14	31225.31	33903.05
40862	23.6951	23.73271	24.02958	23.78656	23.98875	23.72854	17466	22354.5	30646.97	24525.48	29349.34	33241.48
40863	24.09139	24.08757	24.27122	24.18944	24.36642	24.01309	17720.72	22481.87	31204.15	25967.02	30755.8	33867.46
40864	24.4076	24.43104	24.54451	24.54642	24.73396	24.31854	17829.18	22673.58	31669.54	25511.12	30587.07	34098.58
40865	23.93771	24.18142	24.5459	23.98667	24.36083	24.25997	18165.75	23350.29	34045.95	27779.19	32352.92	35931.37
40866	23.61806	23.82233	24.29677	23.73083	24.04135	23.96715	17773.97	22762.05	32674.64	26184.63	31249.84	35253.31
40867	24.12833	24.17024	24.41295	24.2792	24.47948	24.16181	17789.36	22922.34	32036.18	25444.91	30944.39	34848.58
40868	24.05583	24.24767	24.55958	24.10274	24.43628	24.28358	18254.26	24173.33	33961.32	28341.79	33440.26	36556.8
40869	23.81531	24.0141	24.42559	23.84035	24.17323	24.07587	18125.44	23694.56	33461.64	27389.64	33493.11	36858.99
40870	23.81201	24.00642	24.39424	23.83691	24.16958	24.04729	18127.8	23935.37	33934.19	29754.08	35215.22	37740.72
40871	23.51424	23.79566	24.28632	23.5033	23.90948	23.91382	19359.88	25403.75	37393.61	34619.74	39325.79	40621.36
40872	23.46368	23.61625	24.10747	23.48295	23.80281	23.73622	22039.03	28040.42	41142.3	35973.58	41005.48	42301.59
40873	23.66976	23.75076	24.12965	23.7151	23.96247	23.76632	21375.5	25317	37128.63	30074.6	31163.57	38072.53
40874	24.04337	24.06083	24.29431	24.15799	24.33708	23.98108	20630.92	24453.1	35650.77	30586.21	33196.23	39726.51
40875	24.08417	24.24292	24.49625	24.22045	24.50587	24.2201	21048.37	24520.12	36053.65	30328.83	32521.1	39859.1
40876	23.14743	23.56115	24.20774	23.19767	23.69434	23.83878	20416.38	24134.82	34845.97	28518.17	31307.56	38198.73
40877	22.77476	23.18153	23.86792	22.83212	23.30743	23.47253	19745.64	23740.55	33728.35	27417.15	30871.58	36964.03
40878	22.52736	22.93076	23.6259	22.54892	23.03115	23.21816	19520.05	23416.37	32738.44	26916.94	30396.1	36026.96
40879	22.74632	22.97601	23.52038	22.85865	23.18097	23.14187	19486.75	23269.94	32119.84	26430.56	30514.92	35804.74

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
40880	22.73455	23.00486	23.55021	22.78434	23.16778	23.19021	19957.33	23158.18	31786.29	26387.64	30258.62	35348.03
40881	23.37083	23.38785	23.67653	23.47538	23.64542	23.33778	20066.05	23332.26	32517.74	27070.36	31431.58	36880.15
40882	23.65691	23.73837	23.98333	23.74059	23.97476	23.67826	19827.99	23930.94	33558.54	28049.7	31502.66	36752.55
40883	23.57424	23.75441	24.08903	23.66198	23.95958	23.75483	19566.01	23651.23	33512.42	27120.82	31638.51	37424.31
40884	23.26347	23.52167	23.98694	23.36451	23.70969	23.63233	19226.97	23267.74	32276.53	26132.88	30446.67	35702.85
40885	23.05861	23.33753	23.8534	23.2041	23.55	23.51368	19093.35	23203.37	31728.35	26262.67	30244.41	35055.82
40886	23.18073	23.35951	23.79639	23.31809	23.60451	23.47448	18930.21	23075.68	31392.63	26130.56	30042.37	34808.32
40887	22.99125	23.25767	23.76576	23.06122	23.42611	23.42608	19634	23296.92	31772.19	27645.79	30684.84	34379.93
40888	23.25906	23.40212	23.7951	23.27056	23.55514	23.41899	22975.45	26605.14	36836.21	31881.13	34394.8	36458.82
40889	22.87017	23.14014	23.71326	22.86656	23.24556	23.29003	27536.51	31065.9	42434.19	36618.54	39745.28	39390.24
40890	22.71872	22.91087	23.48889	22.73431	23.06847	23.06694	31971.08	23959.62	44542.04	37594.89	39520.02	37665.74
40891	22.98188	23.06819	23.47045	23.00705	23.2475	23.06694	24826.17	24069.57	39424.53	28938.55	31987.25	39222.82
40892	23.01653	23.18417	23.58021	23.04792	23.3508	23.19736	23850.25	23041.47	39217.61	30939.15	34078.39	40940.92
40893	23.03726	23.16177	23.55257	23.13302	23.38031	23.18545	20659.08	23609.56	35442.33	29140.68	32222.17	39335.99
40894	22.91854	23.17361	23.61153	22.96365	23.34031	23.26903	23329.06	21726.03	35295.52	28331.95	32577.44	38348.9
40895	22.93983	23.07288	23.48924	23.06823	23.30708	23.13132	21981.63	22987.36	34387.64	28229.65	31015.13	37833.6
40896	22.79226	23.09483	23.54774	22.93576	23.31368	23.23976	20773.87	23358.5	34711.42	28530	31332.19	37372.34
40897	22.48594	22.71344	23.28271	22.59566	22.92253	22.92628	20485.01	23413.65	34212.94	28743.65	31933.54	37559.3
40898	23.19806	23.22385	23.47941	23.43316	23.58309	23.21358	20402.76	23259.2	33828.72	28443.3	31854.87	37225.2
40899	23.2383	23.41094	23.71045	23.33823	23.65854	23.45847	22161.63	23535.78	35759.38	29904.78	32854.54	37857.47
40900	23.46865	23.47826	23.74024	23.60896	23.76715	23.43927	24093.78	22829.47	38356.82	30921.06	35008.62	41115.07
40901	24.04278	24.01698	24.09795	24.24	24.3642	23.87021	24549.37	24630.63	40263.29	32747.77	36742.24	43287.49
40902	23.48639	23.70007	24.07684	23.67184	23.98618	23.81878	22743.9	25083.8	38991.37	31870.82	35855.85	42384.28
40903	23.60056	23.73302	24.03007	23.75462	24.01524	23.77146	22542.1	25057.88	38805.61	31784.12	36110.73	42593.69
40904	23.41569	23.60566	23.97924	23.68917	23.94087	23.72441	21460.62	24866.55	36720.43	30426.16	35009.6	40413.14
40905	23.38625	23.60316	23.97559	23.6076	23.91392	23.75326	20768.52	23677.96	35773.16	30571.88	34715.22	39272.84
40906	23.45951	23.57059	23.91285	23.70646	23.91632	23.68028	20841.63	23379.98	35541.61	30311.79	34845.54	39525.44
40907	23.79184	23.86066	24.07323	24.05358	24.23788	23.88684	20301.96	22522.08	33893.72	28933.86	33933.21	37955.24
40908	23.87764	23.99736	24.2242	24.03073	24.29226	24.01913	21185.57	20931.38	35240.83	29456.97	34444.5	38104.54
40909	23.70083	23.85483	24.17014	23.9742	24.17858	23.92983	20747.09	21475	35427.24	29573.73	34492.67	38954.37
40910	23.77583	23.91934	24.20997	23.99483	24.24278	24.00542	20847.37	21988.18	36057.67	29924.64	34670.52	39105.41
40911	23.47142	23.74059	24.13156	23.60944	23.96785	23.90153	22208.95	22042.23	37625.16	31719.78	35813.2	39757.65

MS_LocalTime	ST_2_Node deg C	ST_8_Node deg C	ST16_Node deg C	ST_2_Node deg C	ST_8_Node deg C	ST16_Node deg C	CO2_2_No ppm	CO2_8_No ppm	CO216_No ppm	CO2_2_No ppm	CO2_8_No ppm	CO216_No ppm
41040												
41041												
41042	25.21413	25.27224	25.48098	25.3926	25.50457	25.36299	14777.76	15925.42	19240.29	16110.43	18084.75	19379.5
41043	25.24938	25.28181	25.53462	25.53083	25.57118	25.38799	15259.99	16319.72	20813.25	17281.95	19564.08	21054.4
41044	24.82236	24.98326	25.43594	25.15319	25.32674	25.32653	15914.58	16998.12	22190.07	18032.43	20215.33	21891.09
41045	24.89813	24.87375	25.16858	25.3851	25.40899	25.17236	15879.7	17544.78	23236.83	17154.09	19472.61	21442.11
41046	25.26396	25.27	25.4392	25.62368	25.70115	25.39431	15527.89	17299.43	22112.91	17259.67	19577.12	21386.77
41047	25.59788	25.56181	25.65663	25.96142	26.00045	25.59135	15354.85	17076.65	21249.91	17147.59	19422.39	21167
41048	25.6216	25.62757	25.77441	25.92472	26.01444	25.6959	15195.98	16845.55	20689.15	16820.07	18952.44	20664.84
41049	25.43615	25.58521	25.82135	25.65705	25.85715	25.70806	15243.63	16599.86	20980.24	16851.84	18863	20452.28
41050	25.14358	25.27264	25.60823	25.28569	25.49694	25.43816	15536.01	16966.48	21921.54	17449.12	19662.24	21299.4
41051	25.21372	25.29243	25.56656	25.37031	25.54156	25.38313	15648.65	17314.39	22110.54	17434.18	19741.22	21484.34
41052	25.37236	25.42625	25.63833	25.62188	25.72788	25.47115	15581.26	17052.37	22015.42	17474.21	19747.77	21429.02
41053	25.06701	25.15181	25.48649	25.36313	25.53417	25.43559	16516.35	17432.92	24282.24	19112.3	21671.91	23411.93
41054	25.43236	25.4459	25.62514	25.66965	25.79007	25.49017	16450.71	17885.02	24542.36	18862.24	21668.05	23772.1
41055	25.22944	25.39191	25.71323	25.34222	25.63844	25.5224	16337.32	17933.82	24268.9	18579.79	21280.95	23514.83
41056	24.96837	25.10535	25.49458	25.13382	25.36615	25.27052	16295.76	17705.67	23323.48	18570.27	21262.32	23345.59
41057	25.52878	25.49646	25.65198	25.81122	25.88198	25.48514	16413.84	17926.93	24072.8	19182.53	22126.7	24051.52
41058	25.65087	25.65969	25.88344	26.01931	26.1242	25.74333	16496.93	17802.91	24349.63	19489.28	22020.31	24039.28
41059	25.21951	25.23611	25.65757	25.58066	25.75656	25.57615	16749.68	18313.75	23849.49	17848.65	19590.63	21585.79
41060	25.15983	25.34924	25.75948	25.41399	25.72257	25.59715	16357.78	17499.02	23606.11	18976.96	21602.24	23592.65
41061	25.2349	25.26601	25.61531	25.49375	25.62479	25.38715	16434.71	18222.33	23541.32	18869.13	21407.63	23816.22
41062	25.65667	25.66934	25.84993	25.90292	26.04528	25.66174	16216.94	18143.38	23157.11	18692.07	21373.96	23586.26
41063	25.60229	25.6692	25.91326	25.77285	25.98642	25.70434	16149	18072.4	23770.1	18353.03	20973.21	23112.12
41064	25.40344	25.53191	25.8642	25.48431	25.76816	25.62118	16050.37	17925.12	23471.88	18115.54	20799.76	22692.03
41065	25.74375	25.73615	25.91076	25.95778	26.0542	25.67351	15890.37	17681.15	22665.79	17876.22	20768.41	22279.05
41066	25.86135	25.88649	26.06156	26.05101	26.19226	25.84427	15675.42	17348.97	21850.92	17444.18	20276.48	21675.64
41067	25.84611	25.88872	26.08906	25.97069	26.13781	25.86021	15536.12	17183.2	21406.04	17445.17	20017.58	21315.03
41068	25.86865	25.93375	26.1416	25.97271	26.16292	25.89931	15818.75	17297.26	22390.89	18076.81	20603.16	21691.33
41069	25.33049	25.56483	25.99247	25.32028	25.69851	25.71681	15976.46	17523.33	23591.66	18515.23	21494.38	22615.6
41070	25.2424	25.3475	25.72597	25.32465	25.53493	25.42142	15999.27	17732.81	23409.6	18498.11	21518.31	22911.41
41071	24.98191	25.20941	25.68698	25.02705	25.36365	25.39188	16540.72	17935.94	25863.91	20603.25	23808.82	24801.54

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
41072	24.27681	24.58576	25.25962	24.28278	24.73094	24.96215	18360.27	19270.82	28364.64	21992.83	25033.93	26592.47
41073	24.15365	24.36194	24.93267	24.16083	24.4901	24.58153	16809.26	18952.88	26569.96	19693.88	23022	25243.82
41074	24.69549	24.74681	25.05792	24.87153	25.01139	24.76142	16256.05	18273.38	23939.82	19295.98	22628.09	24375.5
41075	24.9241	25.00267	25.28146	25.05677	25.26212	25.02219	15953.2	17815.78	22888.92	18645.92	21752.5	23387.49
41076	24.86538	25.00288	25.34149	24.91497	25.19253	25.05347	15876.72	17633.65	22488.18	18329.76	21271.81	22867.58
41077	24.92691	24.99771	25.3851	25.13188	25.30951	25.12174	16150.57	17554.98	23041.91	18881.7	21592.42	22825.81
41078	24.88847	24.88948	25.26625	25.15708	25.28743	25.06233	17336.89	27136.46	27053.51	19452.08	22467.39	23929.16
41079	25.37455	25.3008	25.47649	25.69896	25.71094	25.28042	16694.75	23874.02	25365.05	19074.72	22361.8	23926.77
41080	26.00427	25.87858	25.87462	26.37201	26.33424	25.72483	15625.38	20291.27	22791.1	18737.51	21736.87	23368.14
41081	26.05306	26.01719	26.08774	26.37024	26.4241	25.93941	15388.98	19644.53	22231.33	18235.74	21158.1	22694.31
41082	25.43934	25.66799	26.03087	25.59184	25.91535	25.85826	15611.49	20648.25	22324.47	18284.28	21052.34	22332.71
41083	25.02302	25.23646	25.67948	25.16875	25.43917	25.45399	16428.88	23224.14	23790.46	19686.92	22922.64	24295.92
41084	25.46264	25.47212	25.70441	25.72521	25.78108	25.48844	16700.87	23844.91	24727.11	19578.48	23327.71	25076.98
41085	25.61847	25.66285	25.8617	25.89632	25.99368	25.6842	16467.73	23034.89	24482.86	19172.96	22561.94	24429.88
41086	25.60531	25.73399	25.96677	25.77927	25.99965	25.78486	16226.23	21594.53	23666.68	18705.12	21959.26	23765.03
41087	25.21024	25.39132	25.77104	25.33163	25.57705	25.53712	16230.69	22177.06	24728.81	18246.09	21374.73	23059.71
41088	25.47382	25.53674	25.77451	25.71243	25.79736	25.55708	15983.35	21259.89	23445.56	17810.07	20794.3	22465
41089	25.1717	25.38021	25.79	25.29194	25.56563	25.56656	15825.97	19734.68	21527.85	19144.45	22174.84	23900.11
41090	24.88667	25.0925	25.54319	24.99955	25.24573	25.2841	15962.62	20303.05	22262.5	18913.89	22252.7	24126.8
41091	24.76944	25.00194	25.45688	24.82007	25.11656	25.18979	15920.8	20064.94	21950.04	18663.13	21964.32	23632.71
41092	24.9317	24.99375	25.38368	25.07139	25.20163	25.10795	16166.62	21273.37	22903.22	19709.79	23482.67	25077.78
41093	24.9334	25.05962	25.44392	24.9884	25.19601	25.14962	16636.26	22528.36	24264.36	20575.68	24833.67	26701.76
41094	24.99514	25.11882	25.45833	25.02573	25.24181	25.14483	16589.72	22050.63	24089.77	20295.9	24133.42	26387.64
41095	24.55465	24.8516	25.35882	24.49948	24.88962	25.01566	16660.52	22177.96	24230.16	21161.83	25457.32	27450.14
41096	24.0616	24.31028	24.96243	24.0541	24.39733	24.59462	16747.96	22753.07	24714.79	20518.77	25345.45	27728.13
41097	24.60389	24.66521	24.99007	24.71622	24.87674	24.68837	16809.01	23060.44	24978.8	20433.15	25061	27094.78
41098	24.69552	24.8417	25.16774	24.71045	24.9708	24.85458	17164.65	23809.37	25775.04	21146.96	26270.28	28312.44
41099	24.68417	24.79139	25.15583	24.71597	24.93792	24.80569	17486.08	24324.29	26274.57	21390.75	25889.24	28193.74
41100	24.89462	24.96865	25.26226	24.93462	25.1474	24.92747	17370	23807.58	25749.18	20695.51	25026.88	27164.87
41101	24.87205	24.98309	25.3142	24.88868	25.13993	24.97139	17322.65	23773.45	25624.6	20944.26	25412.81	27316.57
41102	25.15292	25.17444	25.40073	25.34913	25.46358	25.09712	17271.78	23617.88	25564.08	20877.02	25258.1	27363.72
41103	25.04868	25.15969	25.47802	25.15368	25.3858	25.17944	17337.42	23937.63	25948.73	21073.61	25562.07	27846.95

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
41104	24.80486	24.98382	25.39601	24.93785	25.20809	25.08122	17122.4	23524.1	25737.3	20934.07	25203.87	27514.7
41105	24.52253	24.75215	25.26361	24.53788	24.91563	24.94017	17433.87	25257.62	26952.63	22309.86	27080.98	28838.16
41106	24.74212	24.80781	25.16663	24.75538	24.9809	24.81347	17418	25393.25	27258.41	21936.14	26727.31	28758.19
41107	25.38253	25.30198	25.42809	25.58809	25.64483	25.13392	18456.67	27756.78	30344.02	22747.77	27213.34	29053.55
41108	25.23431	25.33465	25.58667	25.31135	25.5641	25.3033	18527.06	28732.69	31504.5	27864.85	32453.18	32419.97
41109	24.61969	24.87875	25.42344	24.61205	25.01385	25.06309	17486.08	29418.45	31251.22	26666.02	30569.5	31693.63
41110	24.69486	24.82063	25.22622	24.71153	24.97569	24.84326	17691.76	31535.32	44511.25	26626.16	30601.94	31806.48
41111	24.43247	24.65045	25.13785	24.4051	24.75354	24.74229	17743.69	29257.32		25251.4	29545.41	30936.36
41112	24.40125	24.54156	25.00677	24.46281	24.77469	24.67809	17703.34	28972.93		26032.73	30183.86	31997.45
41113	24.88003	24.83875	25.07656	25.07524	25.17538	24.79563	17715.74	28237.36		25725.37	30131.45	31819.28
41114	24.73948	24.92188	25.25649	24.76934	25.11583	24.98125	17827.41	31057.89		28356.71	32412.81	34129.5
41115	24.76444	24.84351	25.16611	24.81125	25.04601	24.83635	18262.45	30661.54		26507.81	31184.73	32889.81
41116	25.35455	25.25931	25.36833	25.56747	25.62222	25.09722	17939.67			24356.2	28834.36	30682.45
41117	25.18306	25.32431	25.58833	25.21514	25.54337	25.32868	17905.65			29502.66	32968.91	34078.39
41118	25.13139	25.18521	25.4759	25.2017	25.42521	25.15656	18586.99			26306.49	30588.38	32313.31
41119	24.3942	24.71351	25.27736	24.34351	24.81128	24.94035	18529.87			30762.66	35018.61	36619.95
41120	24.48118	24.62094	25.03097	24.49743	24.7892	24.67632	18472.32			25365.97	29902.72	32154.57
41121	24.4017	24.61247	25.01872	24.44455	24.7858	24.70583	18455.86			25686.79	29889.92	31582.52
41122	24.65434	24.70444	25.0026	24.86403	25.03188	24.73205	18598.9			25708.19	30199.05	31934.19
41123	24.80906	24.91802	25.20024	24.89066	25.17403	24.95615	18874.23			26841.7	31028.52	32552.24
41124	25.00899	25.04337	25.25576	25.18087	25.37698	25.00646	19145.91			25484.01	29971.41	31905.33
41125	24.79274	24.91382	25.25021	24.91583	25.18201	25.00493	18066.12			24465.54	28784.99	30560.6
41126	25.38646	25.35052	25.45913	25.62194	25.75715	25.25125	17639.36			23445.96	27549.31	29192
41127	25.22292	25.29264	25.52087	25.44747	25.66205	25.33698	17125.04			22387.75	26297.58	27926.27
41128	25.40677	25.44469	25.61486	25.58733	25.80038	25.4476	16909.46			22439.51	26102.95	27432.56
41129	25.37486	25.45861	25.68295	25.53764	25.77556	25.49674	16755.01			22461.64	25995.4	27300.83
41130	25.13906	25.2749	25.5959	25.22181	25.51566	25.36705	17104.99			23666.24	27577.74	28914.98
41131	25.0249	25.19101	25.54281	25.0833	25.39035	25.29003	17058.19			25290.5	28858.7	30043.45
41132	25.10354	25.14003	25.44007	25.20378	25.40726	25.16212	17449.95			23738.47	27735.3	29148.06
41133	25.21889	25.32281	25.5867	25.29653	25.56552	25.33618	17300.83			22814.13	26512.1	27728.13
41134	25.40431	25.4299	25.63378	25.53851	25.73681	25.37788	17202.31			22577.98	26267.6	27525.01
41135	24.93212	25.14056	25.57674	25.02837	25.35316	25.30267	17059.12			23385.26	26844.64	28075.46

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
41136	24.67663	24.89618	25.36427	24.81153	25.16181	25.09299	17142.61			23912.8	27477.52	28791.65
41137	24.48274	24.50288	25.04299	24.70309	24.98028	24.90594	17828.82			24395.95	27812.23	29066.57
41138	24.77632	24.88302	25.21448	24.8766	25.17247	25.0117	17803.58			25393.27	28922.47	30055.93
41139	24.88885	24.96674	25.25507	25.00243	25.25358	25.00663	17700.31			24388.37	28242.13	29768.82
41140	24.76413	24.91302	25.25993	24.93396	25.22188	25.02378	17346.87			23013.18	26696.88	28167.8
41141	24.72392	24.86358	25.21469	24.86691	25.15083	24.98917	17014.14			21979.91	25413.06	26785.24
41142	24.83326	24.94264	25.2383	24.9934	25.23403	25.02375	16827.81			22089.14	25205.58	26254.32
41143	24.72389	24.90715	25.27104	24.83153	25.1449	25.04406	16993.68			24000.55	27195.44	28132.54
41144	24.62955	24.75392	25.14743	24.71851	25.00316	24.87031	21547.37			23846.5	27549.64	28802.14
41145	24.99889	25.01698	25.25104	25.1658	25.35594	24.98059	20905.59			22879.24	26856.93	28299.42
41146	25.11469	25.20573	25.48038	25.36333	25.62128	25.26174	20633.68			23346.78	26716.17	28049.5
41147	24.82073	24.91993	25.36205	24.99667	25.25868	25.07208	20611.24			22974.61	26547.71	27845.97
41148	25.33128	25.29576	25.49073	25.53181	25.67278	25.23066	21517.68			23720.14	27637.53	28996.25
41149	25.32622	25.42608	25.67663	25.43785	25.73024	25.4242	20727.44			23403.78	27071.12	28453.83
41150	25.3208	25.39094	25.64406	25.4175	25.67705	25.37014	20545.02			23203.5	26867.13	28132.54
41151	24.91052	25.1151	25.55264	25.00736	25.38264	25.28497	21237.25			24278.84	27747.99	29195.26
41152	24.72566	24.90313	25.34097	24.79983	25.15142	25.04413	20858.17			24269.11	28034.88	29528.7
41153	25.07774	25.09694	25.37247	25.24229	25.43601	25.09108	20577.55			23650.83	27540.2	29087.51
41154	25.32302	25.3551	25.56354	25.51149	25.7151	25.32823	19842.86			22700.76	26393.02	27862.47
41155	24.9941	25.20125	25.56299	25.1166	25.47243	25.3249	20044.34			23606.88	27177.6	28341.2
41156	24.95733	25.05944	25.41267	25.08743	25.3584	25.15458	20765.93			24704.54	28508.41	29801.81
41157	25.16538	25.23608	25.4999	25.33288	25.56826	25.25924	20944.83			24081.12	28062.12	29589.24
41158	25.25399	25.27528	25.5433	25.41316	25.58896	25.29806	21140.1			24371.92	28117.78	29472.17
41159	25.12917	25.26566	25.60819	25.25427	25.55809	25.37493	22253.43			24916.41	28446.34	29844.56
41160	25.13385	25.22924	25.54569	25.26226	25.50844	25.27865	21813.45			25195.38	29140.33	30944.06
41161	25.15576	25.25108	25.55135	25.31139	25.54531	25.3042	21499.05			23406.87	27091.63	29071.45
41162	25.1299	25.25851	25.57066	25.22757	25.50562	25.32549	21937.57			24676.51	28565.48	30459.58
41163	24.4176	24.75483	25.34667	24.4417	24.91111	25.06431	23918.38			26509.61	30285.43	32104.76
41164	24.49698	24.59497	25.17226	24.67212	24.86611	24.73649	22245.6			25138.83	29288.03	31481.5
41165	24.77726	24.88372	25.29663	24.92288	25.14681	24.97889	21636.14			24158.41	28182.28	30402.29
41166	24.82465	24.92854	25.33271	24.91066	25.11951	24.99802	21307.93		49592.5	23547.42	27182.86	29092.91
41167	25.08299	25.10229	25.42347	25.19649	25.30663	25.09073	22194.13			25154.59	28592.76	30174.74

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
41168	25.30073	25.32469	25.57087	25.46226	25.54017	25.28594	22484.87			25371.27	28937.01	30733.67
41169	25.17118	25.26517	25.58691	25.24347	25.38851	25.2933	22533.11			25685.67	29227.37	31097.93
41170	25.27115	25.34997	26.10271	25.36212	25.47177	25.33542	22679.26	43748.75	43373.75	25673.01	29520.14	31672.09
41171	25.15851	25.21941	26.74049	25.33382	25.40031	25.30115						
41172	25.28892	25.2824	26.86569	25.57663	25.55413	25.38267						
41173	25.05823	25.17326	26.75257	25.24431	25.35438	25.37938						
41174	24.83635	24.95462	26.54573	24.93847	25.0559	25.16538						
41175	25.01583	25.05226	26.51639	25.12201	25.15861	25.15531						
41176	24.23372	24.49313	26.19441	24.26545	24.54601	24.91451						
41177	24.15111	24.20389	25.8651	24.26354	24.29708	24.46569						
41178	24.77132	24.73073	26.18597	24.93726	24.89292	24.78625						
41179	24.95958	24.97455	26.41292	25.09813	25.11431	25.01524						
41180	24.8158	24.85434	26.41205	24.9224	24.95271	24.95955						
41181	24.86389	24.90177	26.46653	24.98073	25.01444	24.9959						
41182	24.85208	24.91302	26.51188	24.96726	25.02903	25.01917						
41183	24.75174	24.80056	26.47205	24.8317	24.89219	24.91969						
41184	25.11181	25.02385	26.61483	25.2376	25.17944	25.0141						
41185	25.05212	25.16226	26.81698	25.11024	25.25368	25.21899						
41186	24.26913	24.49212	26.43604	24.22632	24.4701	24.74194						
41187	24.06622	24.30476	26.24795	24.01993	24.28316	24.52778						
41188	24.02281	24.12681	26.07778	24.06688	24.1849	24.28979						
41189	24.39403	24.41941	26.25899	24.53587	24.59608	24.49778						
41190	24.1426	24.33024	26.27569	24.15458	24.39323	24.51962						
41191	24.38944	24.4034	26.28514	24.48472	24.55351	24.46691						
41192	24.23635	24.35253	26.31642	24.22372	24.41236	24.47792						
41193	24.60354	24.55743	26.42108	24.72358	24.73688	24.55108						
41194	24.95844	24.88441	26.68979	25.12694	25.1249	24.83677						
41195	24.91087	24.91646	26.79021	25.06035	25.13743	24.94503						
41196	24.70938	24.82788	26.7558	24.77774	24.96573	24.93417						
41197	24.42646	24.55215	26.53674	24.44174	24.64969	24.68479						
41198	24.30372	24.41115	26.40174	24.35333	24.54139	24.54799						
41199	24.46281	24.52118	26.45122	24.63149	24.76128	24.62993						

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
41200	24.44809	24.5109	26.45253	24.57903	24.74674	24.64889						
41201	24.58476	24.62875	26.51455	24.70649	24.87198	24.71122						
41202	24.53851	24.61337	26.54569	24.71038	24.87326	24.74097						
41203	24.73698	24.68146	26.61476	24.91632	25.00271	24.75552						
41204	25.02899	24.96361	26.80944	25.21625	25.29903	24.95861						
41205	25.28309	25.19642	26.98528	25.53253	25.58795	25.16719						
41206	24.87163	25.01014	26.92229	25.01326	25.29865	25.16441						
41207	24.62451	24.74024	26.69076	24.69059	24.96309	24.90288						
41208	24.63302	24.70181	26.61795	24.7491	24.95073	24.82385						
41209	24.88156	24.9024	26.71146	24.98194	25.17302	24.93986						
41210	24.72316	24.8099	26.68028	24.84691	25.08299	24.91458						
41211	23.90444	24.26031	26.35545	23.88556	24.39708	24.62191						
41212	23.61299	23.86594	25.93552	23.55906	23.95788	24.12986						
41213	23.16983	23.44635	25.60872	23.22125	23.65688	23.89111						
41214	23.44802	23.52931	25.47455	23.51299	23.77736	23.74875						
41215	23.71344	23.7491	25.56753	23.77819	24.00142	23.85208						
41216	23.75927	23.87066	25.65236	23.7349	24.04632	23.94326						
41217	24.02694	24.01063	25.71663	24.1159	24.26979	23.99674						
41218	24.24007	24.22128	25.88372	24.38833	24.54264	24.21396						
41219	24.49865	24.48632	26.0683	24.72017	24.87587	24.47563						
41220	23.95257	24.12094	25.90566	24.06406	24.43476	24.37417						
41221	23.71917	23.91427	25.66326	23.7733	24.16274	24.14556						
41222	22.7826	23.03535	24.88878	22.98403	23.50639	23.72958						
41223	22.8758	22.85865	24.51125	23.24653	23.47271	23.39295						
41224	23.71642	23.60333	25.01035	24.04781	24.19323	23.78858						
41225	23.8583	23.82792	25.31455	24.06563	24.30049	23.9883						
41226	24.02736	24.03253	25.53094	24.14618	24.42576	24.13017						
41227	23.95865	24.01455	25.56052	23.98559	24.3041	24.08965						
41228	23.65583	23.79955	25.42778	23.69177	24.09042	23.96549						
41229	23.09115	23.34774	25.0991	22.99615	23.5101	23.62826						
41230	23.25431	23.30156	24.87122	23.40924	23.73865	23.59521						
41231	23.25569	23.33521	24.87806	23.39378	23.75854	23.61771						

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
41232	22.91226	23.1216	24.76701	22.9124	23.40392	23.4534						
41233	22.78212	22.98045	24.61708	22.78295	23.23944	23.26368						
41234	22.95229	22.985	24.48549	23.03451	23.36552	23.21875						
41235	22.89295	23.00882	24.50705	22.91899	23.33115	23.23184						
41236	22.65712	22.85132	24.39844	22.58385	23.0901	23.10295						
41237	22.09576	22.41927	24.09521	21.89309	22.50708	22.74559						
41238	21.95354	22.19889	23.92198	21.80559	22.33128	22.47507						
41239	22.59149	22.56323	24.86583	22.66	22.89722	22.61365						
41240	23.5817	23.38531	26.73535	23.80024	23.82809	23.14587						
41241	24.03142	23.96653	30.52344	24.13618	24.34813	23.71924						
41242	23.37514	23.50413	31.68021	23.40688	23.84264	23.62875						
41243	23.49549	23.50014	31.98521	23.55427	23.85549	23.5175						
41244	23.65528	23.67962	31.82569	23.67708	24.02573	23.65111						
41245	23.34517	23.45139	30.89448	23.32611	23.75941	23.55771						
41246	23.47552	23.50906	30.74219	23.53361	23.87153	23.52972						
41247	23.38528	23.43872	30.31979	23.49188	23.81865	23.51194						
41248	23.72903	23.71378	29.87319	23.94642	24.22448	23.7401						
41249	23.64243	23.71774	29.32507	23.6567	24.08809	23.79896						
41250	23.30858	23.44233	28.73243	23.29743	23.74903	23.59201						
41251	23.34104	23.4533	28.12479	23.27073	23.73771	23.52802						
41252	23.13424	23.23177	27.50948	23.11295	23.51597	23.32104						
41253	24.02344	23.85042	27.54816	24.36938	24.43566	23.7192						
41254	24.7309	24.49844	27.60601	25.09872	25.16441	24.31111						
41255	24.62465	24.60358	27.26715	24.77736	25.08264	24.5291						
41256	24.32625	24.39403	26.74236	24.36875	24.78135	24.41549						
41257	23.62906	23.87556	26.23198	23.46715	24.09628	24.06722						
41258	23.34302	23.49747	25.83951	23.2966	23.78194	23.69719						
41259	23.52431	23.60861	25.65281	23.54396	23.93646	23.65663						
41260	23.50844	23.59556	25.35038	23.51326	23.91618	23.65503						
41261	23.72962	23.75115	25.2808	23.83927	24.14799	23.75913						
41262	23.87861	23.90757	25.36295	23.97531	24.31549	23.92434						
41263	23.74208	23.83438	25.34649	23.74368	24.17639	23.9158						

MS_LocalTime	ST_2_Node	ST_8_Node	ST16_Node	ST_2_Node	ST_8_Node	ST16_Node	CO2_2_No	CO2_8_No	CO216_No	CO2_2_No	CO2_8_No	CO216_No
local time	deg C	deg C	deg C	deg C	deg C	deg C	ppm	ppm	ppm	ppm	ppm	ppm
41264	23.28017	23.4083	25.07295	23.2549	23.77688	23.68601						
41265	23.25563	23.33635	24.90326	23.34153	23.76938	23.55868						
41266	22.84378	23.01382	24.71681	22.83038	23.38667	23.37267						
41267	22.79476	22.835	24.46118	22.9366	23.32583	23.16559						
41268	23.26382	23.23587	24.6167	23.37601	23.69799	23.33587						
41269	23.9309	23.74375	24.91028	24.26691	24.36816	23.67125						
41270	24.17559	24.11997	25.14451	24.28396	24.58312	24.03531						
41271	24.13736	24.15653	25.25076	24.13257	24.49125	24.05858						
41272	24.43483	24.3509	25.39851	24.53128	24.75694	24.1634						
41273	24.03993	24.16236	25.35878	24.05896	24.54139	24.21309						
41274	23.83979	23.89799	25.20458	23.88125	24.26708	23.9659						
41275	23.82535	23.91958	25.14045	23.82309	24.26896	23.97049						
41276	23.56521	23.67906	24.94472	23.60642	24.03524	23.79031						
41277	23.58101	23.6733	24.85712	23.61441	24.05684	23.77872						
41278	23.64906	23.70438	24.82757	23.71066	24.10944	23.77156						
41279	23.73545	23.76646	24.88472	23.82653	24.1859	23.81736						
41280	23.75212	23.80545	24.79715	23.90622	24.28368	23.88701						
41281	23.78056	23.8184	24.72417	23.99715	24.33948	23.92559						
41282	24.14181	24.08313	24.88122	24.45417	24.68806	24.10934						
41283	24.22247	24.18941	25.01552	24.45424	24.75326	24.24267						
41284	24.34198	24.36424	25.24438	24.39135	24.80667	24.37135						
41285	23.96875	24.05663	25.05253	24.08122	24.47299	24.14847						
41286	24.01045	24.08403	24.95694	24.11944	24.5466	24.17153						
41287	23.64545	23.81733	24.77115	23.71788	24.21927	23.9959						
41288	23.79701	23.85802	24.71462	23.90611	24.31243	23.96288						
41289	23.55462	23.71205	24.61038	23.5892	24.11632	23.87264						
41290	23.3651	23.50313	24.45969	23.33962	23.85354	23.67854						
41291	23.5851	23.64677	24.50274	23.64694	24.07094	23.73052						
41292	23.39646	23.5541	24.41493	23.32986	23.88326	23.68601						
41293	23.25747	23.38701	24.30458	23.24045	23.71906	23.50597						
41294	23.34722	23.42163	24.32677	23.39736	23.80205	23.4951						
41295	23.69608	23.69823	24.47271	23.85747	24.18201	23.69118						

MS_LocalTime	ST_2_Node deg C	ST_8_Node deg C	ST16_Node deg C	ST_2_Node deg C	ST_8_Node deg C	ST16_Node deg C	CO2_2_No ppm	CO2_8_No ppm	CO216_No ppm	CO2_2_No ppm	CO2_8_No ppm	CO216_No ppm
41552												
41553						-273.133						
41554												
41555												
41556												
41557												
41558												
41559												
41560												
41561												
41562												
41563												
41564												
41565	24.86039	24.92881	25.22333	25.04748	25.09286	22.47559	6281.563	6248.75	6198.75	6192.5	10178.96	6264.375
41566	24.74736	24.85361	25.34583	24.87913	24.91479	24.93559						
41567	24.67615	24.75955	25.28455	24.78663	24.80514	24.85517						
41568	24.62083	24.7466	25.2874	24.66993	24.75531	24.85163						
41569	24.54201	24.64441	25.20757	24.58292	24.63528	24.73569						
41570	24.39726	24.47788	25.06632	24.44396	24.46694	24.57913						
41571	24.62861	24.67399	25.15295	24.70184	24.69677	24.69694	16319.45	14470.74	15672.98	16770.89		13877.16
41572	24.75	24.80552	25.22531	24.8049	24.76917	24.7451	221.6696	186.9835	171.0122	273.4438		7.332386
41573	24.75094	24.84219	25.30538	24.78774	24.80139	24.81201						
41574	24.7149	24.78354	25.27479	24.7874	24.78663	24.7851						
41575	24.87639	24.87045	25.31396	24.9799	24.91215	24.85635						

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40304	3215.083	7615.756	7349.974	4.866451	-6.48594	5.965775	27.16922	81.10648	30.51833	1007.171	53.0817	-92.8367
40305	3715.809	6715.949	6723.257	3.771892	-8.63586	5.171797	25.07764	86.32319	0.889	1007.486	46.27651	-117.974
40306	5876.344	7999	7999	2.512526	-11.6225	3.885388	26.7476	81.06503	1.439333	1007.507	31.37244	-155.408
40307	6951.66	7999	7999	1.261998	-12.9729	1.652956	27.24722	80.30122	15.07067	1008.483	15.68659	-170.329
40308	7204.149	7533.507	7532.628	0.011843	-11.1975	0.297067	25.56479	86.97399	17.22967	1008.003	0.165852	-143.482
40309	7999	7999	7999	-0.00791	-10.9378	-0.0003	25.27542	89.00337	20.53167	1007.344	-0.08245	-139.377
40310	7999	7999	7999	1.29544	-13.5223	0.004263	26.5116	84.15156	0.592667	1005.941	16.16114	-176.595
40311	7999	7999	7999	4.096181	-13.4272	0.002513	26.26576	85.60271	6.265333	1006.583	51.16559	-176.596
40312	7998.563	7999	7998.392	3.207035	-11.1154	-0.00195	24.90979	90.73924	24.04533	1007.733	40.11224	-141.198
40313	7999	7999	7999	4.000726	-12.6486	-0.001	25.14035	89.55441	0.762	1007.104	50.0418	-166.71
40314	7999	7999	7999	5.448021	-17.2162	0.008533	26.85302	83.20545	0	1006.698	68.03728	-317.062
40315	7999	7999	7999	5.497795	-17.4086	0.005791	27.04951	85.25816	3.175	1006.063	68.61597	-320.708
40316	7999	7999	7999	4.217333	-15.6114	0.000153	26.40819	88.39177	8.509	1006.021	52.66099	-287.586
40317	7999	7999	7999	5.430479	-16.2743	0.00309	26.93698	86.24806	11.72633	1005.087	67.14531	-299.806
40318	7999	7999	7999	3.834519	-14.4845	-0.00219	25.54743	91.26181	9.228667	1005.559	47.93459	-266.813
40319	7999	7999	7999	4.082315	-17.1126	0.007778	27.57656	83.15368	4.487333	1005.441	51.02894	-315.252
40320	7999	7999	7999	4.387141	-17.1836	0.002936	26.95656	84.55976	0.211667	1004.601	54.83927	-316.55
40321	7999	7999	7999	4.098609	-15.7219	-0.00013	26.02073	87.16236	57.14933	1003.913	50.21688	-289.609
40322	7999	7999	7999	2.852017	-14.7593	-0.00108	25.60194	88.64201	4.995333	1003.931	35.65021	-271.866
40323	7999	7999	7999	0.078432	-15.8392	0.00342	26.70181	85.36719	15.66333	1004.146	0.980395	-291.777
40324	7997.299	7997.819	7997.135	0.072902	-14.8928	-0.00128	25.46517	89.50795	2.667	1005.726	0.916834	-274.333
40325	7999	7999	7999	0.766119	-16.3634	0.001467	26.50656	84.93226	1.439333	1006.684	9.576484	-301.425
40326	7999	7999	7999	1.880394	-18.0929	0.008791	27.55295	80.38615	0.211667	1007.226	23.50493	-333.308
40327	7999	7999	7999	3.410876	-18.226	0.003698	27.17625	80.7916	0	1007.497	42.63595	-335.746
40328	7999	7999	7999	4.874641	-14.9992	0.007942	27.72382	77.66219	0.592667	1008.253	60.93302	-290.407
40329	7982.188	7999	7986.688	5.975852	-12.8458	0.050193	27.70031	80.25292	2.243667	1009.347	74.69815	-265.296
40330	7270.865	7999	7603.594	5.675709	-11.6772	1.776806	26.68472	82.75972	1.481667	1008.507	70.94636	-239.577
40331	7520.924	7999	7782.25	6.175972	-13.6113	1.120792	28.09198	77.84368	1.735667	1006.396	77.19965	-265.41
40332	6885.882	7999	7008.625	5.094612	-9.6628	2.619169	26.13625	85.32684	11.34533	1006.441	63.68265	-203.907
40333	7716.444	7999	6885.83	3.809912	-11.8117	0.696443	26.93681	83.26424	0.254	1007.747	47.6239	-228.551
40334	7999	7999	7575.792	4.125575	-12.2329	0.152407	27.76566	81.29726	2.836333	1007.892	51.56969	-233.677
40335	7998.313	7999	7598.497	3.123577	-10.9216	0.109166	25.67003	89.32872	33.69733	1007.597	38.67489	-205.45

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40336	7999	7999	7278.885	3.055977	-12.5754	0.240526	27.08865	82.28753	0.211667	1007.701	38.19971	-235.595
40337	6780.146	7999	7356.076	4.098786	-9.8788	2.492116	26.06851	84.13059	0	1008.753	51.23483	-200.713
40338	6106.833	7999	7129.417	5.170923	-8.83965	3.856649	25.93417	83.23951	0	1008.979	64.63653	-189.835
40339	5928.715	7799.743	7059.472	4.740828	-7.61662	3.01208	24.18938	90.40698	27.938	1008.785	59.26035	-165.104
40340	6868.868	7930.285	6800.097	3.391295	-9.71803	1.725173	25.38191	85.83812	25.82167	1008.396	42.33371	-189.412
40341	7904.764	7998.198	6869.101	2.096423	-10.781	0.415942	25.76396	83.85972	10.287	1009	26.20788	-200.364
40342	7999	7999	7989.104	0.474624	-4.49378	-0.00166	23.3467	93.44757	81.494	1008.222	5.647244	-82.7166
40343	7999	7999	7999	0	-4.88667	0.004002	25.69177	85.98271	0.508	1006.934	0	-90.0141
40344	7999	7999	7999	0	-6.43487	0.003191	26.15938	83.82597	2.370667	1006.969	0	-118.563
40345	7999	7999	7998.722	0	-6.86281	-0.00262	24.69847	88.84524	3.175	1008.42	0	-126.377
40346	7998.573	7999	7837.826	0.001707	-7.03628	0.031948	24.10712	89.80191	25.356	1008.535	0.025429	-129.55
40347	7998.573	7997.993	7438.156	0.00021	-7.84734	0.136854	25.07563	86.27483	19.04833	1007.993	0.010502	-144.527
40348	7779.938	7780.774	6933.337	0.001752	-7.20151	0.174498	24.39396	88.39597	22.26733	1008.563	0.028469	-132.62
40349	7999	7999	7408.149	0	-7.74736	0.134716	25.13344	84.40424	21.717	1006.705	0	-142.684
40350	7959.552	7456.149	7459.604	-0.00045	-7.10831	-0.63606	25.99	82.63944	4.233333	1007.215	0.007585	-130.951
40351	7999	7852.066	7999	0	-7.55061	-0.14467	26.54115	81.71615	25.574	1007.403	0	-139.116
40352	7999	7447.563	7921.431	0	-8.7215	-0.72054	27.37691	80.95049	0.211667	1006.823	0	-160.714
40353	7999	7999	7999	0	-10.2848	0.008402	28.40684	76.85288	0	1004.997	0	-189.542
40354	7988.451	7987.684	7985.031	-0.00106	-9.66317	0.004311	27.02531	81.91562	19.09233	1004.611	0.003646	-178.155
40355	7999	7181.108	7412.003	0	-9.23138	-1.11584	25.87149	86.11969	3.471333	1005.306	0	-170.038
40356	7999	7937.5	7900.778	0	-9.36159	-0.0798	26.1824	85.07417	0.508	1005.698	0	-172.446
40357	6748.451	7126.014	7999	0	-8.7927	0.09309	25.62767	85.14597	2.54	1005.757	0	-164.824
40358	5601.205	5285.313	7997.806	-0.00058	-9.288	-1.38001	26.87427	81.42358	1.989667	1006.854	0.003526	-171.142
40359	6150.257	6199.323	7999	0	-8.23719	-0.46221	26.83517	81.71802	0.254	1007.115	0	-152.085
40360	6634.229	6414.288	7999	0	-6.20952	-0.89665	25.50861	87.24281	2.286	1007.399	0	-120.811
40361	6316.427	6508.667	7998.413	0.011614	-8.37243	-0.12884	25.04965	86.51	2.836333	1006.542	0.149229	-154.676
40362	6032.715	6569.219	7999	0.039869	-9.24961	0.313299	26.65094	81.31833	11.09133	1006.354	0.665415	-171.396
40363	7029.646	5187.424	7999	0.003441	-9.89391	-3.69892	26.75497	83.64076	1.227667	1007.67	0.043016	-182.295
40364	7952.549	5555.056	7999	0	-9.21679	-4.54206	26.49795	83.84257	0	1007.281	0	-169.79
40365	7536.767	6042.49	7998.399	0.003613	-8.87144	-3.47382	27.0967	80.69031	8.085667	1006.222	0.049578	-165.934
40366	7314.247	4703.559	7999	-0.00158	-8.94592	-4.1312	25.46715	85.34382	5.672667	1006.497	-0.03012	-164.766
40367	7912.809	4896.861	7999	-0.00579	-6.42128	-4.93676	26.02517	83.33313	0	1006.934	-0.0536	-118.262

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40368	7307.691	6280.611	7555.597	0.355582	-3.39292	-2.00445	26.8541	81.37479	0	1006.427	20.70506	-62.3882
40369	6951.236	7088.906	6906	0.526584	-0.1115	0.188562	25.61378	87.04451	45.54667	1006.431	31.48303	-1.84874
40370	6951.149	7089.198	6906	0.23745	-0.12063	0.225155	25.8926	85.0441	66.67267	1006.333	17.45982	-2.016
40371	6950.385	7089.069	6906	0.079327	-0.11133	0.21033	24.66552	89.11122	3.132667	1007.101	9.283684	-1.80674
40372	6950.177	7088.969	6906	0.001032	-0.10872	0.184086	24.29576	88.98642	39.282	1007.455	4.941478	-1.74125
40373	6950.573	7088.868	6906	-0.29731	-0.11673	0.215512	24.71865	86.76941	0.254	1007.899	-9.34375	-1.87876
40374	6950.872	7088.931	6905.997	0.043703	-0.10305	0.163765	24.93872	87.47597	26.674	1007.806	6.618295	-1.68519
40375	6951.392	7089.073	6906	-0.38116	-0.11793	0.224384	24.81094	88.20674	0.931333	1007.729	-13.5416	-1.94719
40376	6950.427	7088.08	6905	-0.20435	-0.12222	0.218738	25.77212	84.17903	65.19033	1008.514	-5.00036	-2.04191
40377	6951.146	7088.622	6905.5	0.002488	-0.11454	0.206946	25.82181	84.89722	1.481667	1008.444	5.276853	-1.93213
40378	6951.757	7089.313	6905.997	-0.16124	-0.12329	0.24008	26.63288	81.89865	85.30233	1007.66	-2.5491	-2.10174
40379	6949.42	7086.427	6903.49	-0.10019	-0.11546	0.20128	26.82837	81.92503	46.86667	1007.576	-0.07475	-1.98293
40380	6952.031	7089.226	6905.993	-0.22126	-0.12175	0.232998	26.74201	81.06531	0.465667	1007.517	-5.50544	-2.06113
40381	6952.278	7089.67	6906	-0.2919	-0.13678	0.282075	27.8516	77.54	0.254	1007.167	-8.45829	-2.38639
40382	6951.337	7089.323	6905.493	-0.06077	-0.14571	0.29994	27.71892	77.86191	0	1007.219	3.486148	-2.51512
40383	6952.087	7089.986	6906	0.166151	-0.15329	0.320316	27.98611	78.04733	0	1006.986	15.09484	-2.67673
40384	6949.563	7086.642	6903.493	0.058109	-0.13208	0.278896	25.79278	87.59389	2.794	1006.587	9.030777	-2.20626
40385	6952.243	7089.285	6905.993	0.212567	-0.13503	0.250922	26.50035	83.31872	10.07533	1006.399	16.49187	-2.27304
40386	6952.014	7089.045	6906	0.088439	-0.12917	0.223418	25.13646	88.90233	0.635	1007.035	10.21197	-2.11659
40387	6951.931	7089.063	6906	0.064976	-0.13649	0.260321	25.90785	85.51976	0	1008.351	9.393487	-2.2821
40388	6951.972	7089.146	6906	0.182382	-0.13808	0.266674	25.81986	84.67437	21.63033	1008.76	15.32251	-2.29822
40389	6951.965	7088.99	6906	0.334765	-0.11659	0.195097	26.2116	84.17528	8.297333	1007.306	21.91823	-1.95946
40390	6952.035	7088.955	6906	-0.42313	-0.11027	0.176755	26.2074	85.79347	15.621	1005.833	-16.414	-1.87336
40391	6951.854	7089	6906	-0.52016	-0.11703	0.223113	25.11316	87.56788	2.201333	1005.247	-20.5096	-1.93334
40392	6951.684	7089.017	6906	-0.40002	-0.12374	0.224169	25.88424	84.12382	24.84967	1005.767	-14.521	-2.05725
40393	6951.743	7088.958	6906	-0.40017	-0.1193	0.216945	25.98292	86.66972	0.211667	1007.167	-14.5539	-2.01537
40394	6951.851	7088.885	6905.986	-0.4954	-0.12533	0.231377	26.02385	86.39458	23.959	1005.885	-19.2435	-2.12785
40395	6949.688	7086.559	6903.993	-0.43182	-0.12267	0.220136	26.18462	85.07378	0	1005.563	-16.07	-2.07477
40396	6951.507	7088.75	6906	-0.43827	-0.12961	0.243541	26.80281	80.86847	38.187	1006.382	-16.2895	-2.19864
40397	6951.319	7088.503	6906	-0.28087	-0.11295	0.190685	25.96917	84.73358	22.392	1007.108	-9.02326	-1.89025
40398	6951.201	7088.444	6906	-0.52594	-0.11689	0.227175	26.07438	84.43851	0.719667	1006.927	-20.782	-1.97027
40399	6951.035	7088.469	6905.997	-0.56805	-0.12346	0.252898	26.11639	85.61851	0.211667	1006.663	-22.5421	-2.06688

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40400	6951.188	7088.726	6905.997	-0.50272	-0.13644	0.289259	27.30962	80.56191	0	1006.514	-18.7276	-2.34945
40401	6950.365	7088.764	6905.983	-0.35945	-0.12833	0.271294	25.63514	87.24722	3.81	1007.188	-11.7473	-2.14298
40402	6950.733	7088.583	6905.979	-0.28195	-0.13203	0.29383	26.53767	82.7667	0	1007.288	-7.74396	-2.21308
40403	6949.092	7087.672	6904.832	0.055647	-0.13009	0.270648	24.95282	88.85718	1.100667	1007.489	9.158609	-2.14413
40404									0			
40405									0			
40406									0			
40407									0			
40408									0			
40409									0			
40410									0			
40411									0			
40412									0			
40413									0			
40414									0			
40415									0			
40416	15616.59	32892.58	40217.33	10.57735	-33.6219	22.61902	27.45126	77.89634	63.878	1006.183	152.0824	-712.57
40417	17729.45	25895.12	36737.24	11.86683	-18.2888	4.416581	25.38625	85.52431	26.035	1006.319	211.4586	-481.845
40418	18163.98	30312.81	29975.24	9.425164	-16.702	4.132992	25.31326	86.01472	96.274	1005.646	183.949	-454.761
40419	19166.84	27958.16	44263.63	16.67353	-12.3349	3.902621	26.22205	83.95483	2.921	1006.358	284.3022	-457.93
40420	19113.33	25821.84	40472.68	19.27878	-11.6789	5.222617	27.3383	80.25889	0	1007.34	317.5376	-497.706
40421	18483.92	26804.07	40507.68	16.54402	-11.0405	6.518084	26.89288	81.46778	38.098	1006.146	275.2729	-457.362
40422	17310.24	25509.82	37108.5	8.483356	-12.1548	5.572024	25.70139	83.16983	17.653	1005.406	149.0013	-424.611
40423	17902.15	24473.47	37666.25	14.40562	-14.0337	3.906669	25.24462	85.78094	6.307667	1007.417	249.6868	-454.735
40424	18045.7	24324.03	38261.64	15.57121	-13.0469	3.467039	24.64667	89.59542	0.296333	1009.764	245.3832	-432.131
40425	18673.07	25122.08	43152.71	17.48491	-14.338	3.778413	26.13531	82.04257	0.211667	1008.764	281.9927	-512.895
40426	18266.52	25525.37	43299.48	15.86421	-14.4992	5.406733	25.85319	83.66503	0.211667	1006.844	256.9901	-550.197
40427	17419.5	25790.6	42807.79	13.68054	-12.8941	7.140241	24.90701	87.59118	2.582333	1008.122	220.7169	-511.524
40428	18269.49	27560.96	44207.69	10.43699	-13.166	5.071786	25.30024	84.36802	46.82133	1008.913	166.5504	-467.851
40429	18168.3	24296.86	40410.95	11.90669	-11.7397	3.052613	26.21128	81.81306	9.057333	1008.167	212.1178	-434.645
40430	18210.33	23967.99	39825.33	14.45285	-7.62147	2.887371	26.80493	78.82479	0	1006.903	234.3406	-386.809
40431	18109.16	24917.68	40139.55	13.10526	-5.8939	4.261565	26.84101	80.14792	3.894667	1006.108	206.2002	-291.371

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40432	18094.49	24472.89	40331.19	13.7369	-3.76569	4.119396	26.8516	79.14056	0	1005.608	216.2771	-340.662
40433	18289.42	25689.84	39668.5	10.3439	-1.39527	6.147245	25.98174	80.98938	15.07067	1005.566	121.9345	-263.194
40434	18350.52	24472.45	36018.55	11.25024	0.218012	4.509018	26.05764	81.49868	3.344333	1005.146	140.8808	-320.449
40435	18222.89	25036.36	38569.99	12.76052		5.460066	26.1209	83.0108	3.852333	1005.392	155.8319	
40436	17947.19	24416.56	37340.88	12.87937	2.559368	5.230487	26.99378	80.4783	1.481667	1005.451	159.1878	-257.742
40437	18059.45	24497.66	40094.9	12.71483		4.922317	26.34538	82.79417	0.762	1005.309	162.0236	
40438	17834.62	25083.61	38093.13	9.863822	-5.11965	5.019689	25.47986	85.86521	21.41867	1004.774	125.4705	-307.654
40439	17155.39	27159.75	34660.82	10.65529	1.163805	4.140056	25.45493	83.56052	76.03033	1005.222	147.7163	-241.711
40440	17373.12	25607.86	38266.71	10.27363	0.004459	4.463318	25.25938	83.89014	10.668	1006.417	158.4945	-251.959
40441	17717.89	25106.56	39813.58	12.10402	-9.10977	3.919224	25.68115	82.07597	17.73767	1005.663	158.765	-320.133
40442	17758.52	24680.95	40002.69	12.64611	-4.55092	3.120884	24.75076	85.56024	17.99167	1005.576	184.658	-270.63
40443	18344.59	25806.84	36888.53	13.14468	4.167346	4.160693	26.12406	79.99656	19.89667	1005.559	216.6653	-132.7
40444	17932.76	28723.59	37460.21	13.44063	-4.41187	4.194021	25.33094	85.64813	85.38367	1005.524	198.6232	-288.903
40445	18357.96	28815.7	45196.67	18.463		5.050665	25.42681	85.82628	2.497667	1004.295	283.196	
40446	19057.13	26816.68	41346.38	20.06477		5.000504	24.88493	90.62934	0.423333	1004.569	288.6653	
40447	18356.13	25768.87	40242.17	16.37293	-15.0857	5.345923	24.45934	89.05656	3.429	1005.097	131.344	-394.5
40448	17864.07	25297.27	38604.19	17.49733	-8.06642	5.339086	24.93007	85.70441	7.704667	1005.594	148.4133	-287.308
40449	17868.95	25229.03	35486.66	18.65455	-6.08233	5.321662	25.85323	83.66538	7.958667	1002.892	132.3832	-279.593
40450	17643.26	23847.31	35395.06	20.1163	-7.39171	4.009143	26.38337	83.97962	2.201333	1003.472	183.245	-273.387
40451	18825.4	24390.81	40010.81	22.94255		2.73489	25.9416	85.28781	7.913	1006.083	307.8535	
40452	18813.11	27851	42434.42	22.33015	-5.49381	4.563991	26.62503	80.21083	76.03067	1006.104	316.9758	-249.43
40453	18137.7	25385.72	41561.04	20.35172	-8.80292	3.483505	25.00385	86.53365	3.81	1006.396	303.154	-328.112
40454	17814.18	25063.68	41397.63	20.59135	-11.695	3.719148	24.71233	84.88809	0	1007.712	292.9612	-342.382
40455	19120.91	25640.11	43487.15	20.83486	-11.212	3.085653	24.4899	85.97399	0	1008.465	264.4087	-345.2
40456	18388.11	27596.59	43382.76	13.61105		4.361626	24.57066	86.35	20.91267	1008.646	154.495	
40457	19315.81	25919.12	43512.97	23.31197		3.276243	25.73733	82.12872	0	1007.316	290.2732	
40458	19731.16	25816.69	41795.43	22.73274	-11.2276	3.437392	26.32878	77.65753	1.100667	1007.622	277.7778	-363.076
40459	19457.95	25914.75	41545.79	21.20535	-11.8465	4.55308	25.73924	81.73413	0	1008.58	253.1063	-407.139
40460	19202.59	26029.13	43602.48	18.87999	-19.4668	4.398649	25.2892	82.87431	2.878667	1008.785	224.5715	-488.13
40461	18896.58	25997.51	43091.23	20.1817	-23.224	5.867482	26.29976	78.58576	0.254	1007.132	241.6533	-597.466
40462	18336.74	25665.13	42346.62	20.95591	-25.9412	7.55132	27.50538	75.74583	0	1005.688	269.1155	-658.752
40463	17305.69	25513.07	41184.84	18.31281	-22.1452	8.41903	26.71274	83.2149	14.05467	1005.92	235.5946	-556.675

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40464	17125.89	23109.73	36132.31	10.95894	-19.8143	2.60674	25.49295	88.49681	18.542	1006.813	127.3297	-485.087
40465	17883.49	22509.87	38425.9	11.0155	-14.3901	1.303749	24.38215	88.77042	14.986	1008.26	109.2254	-382.334
40466	17889.81	22487.91	39619.27	13.85631	1.234679	0.999229	24.06719	89.7892	10.96433	1008.347	143.4311	-179.633
40467	17795.92	23000.66	38276.63	15.63445	-4.82912	1.690553	24.54854	85.85191	13.037	1009.007	175.4182	-266.515
40468	18456.63	25279.82	40502.97	9.889267	-5.22831	1.530654	22.75903	91.59444	24.257	1009.49	99.87473	-222.38
40469	18688.49	23945	39566.93	19.71579		1.925795	25.27174	81.81066	0	1007.569	224.1643	
40470	19337.93	25158.8	42589.39	21.14276		2.845408	25.96545	82.93472	0	1007.354	237.0622	
40471	19043.42	28706.78	43793.08	16.95269	-9.63545	4.353406	26.44979	80.71215	78.312	1007.434	182.1999	-316.874
40472	19116.91	26236.69	46332.63	14.59863	-11.4784	1.821787	24.9666	86.41031	2.709333	1007.34	120.3093	-313.647
40473	18711.88	25925.05	48840.42	17.43976		1.564085	25.48503	82.15403	6.604	1007.198	164.8645	
40474	19285.07	25129.79	46327.63	18.50387		1.591423	25.22444	80.06688	0.508	1006.889	211.3209	
40475	19176.25	26018.15	45149.67	14.71263	-2.4775	3.075603	25.30858	84.88056	8.89	1006.535	156.9675	-273.858
40476	18455.66	25187	45475.36	19.95436		2.865876	26.28059	82.19208	0.254	1005.472	227.118	
40477	19049.73	25524.25	45101.12	18.07976	-1.30854	2.992771	26.05997	81.47083	8.043333	1005.67	220.6506	-183.109
40478	18622.07	25127.73	44584.02	21.04314	-5.98645	3.291094	26.69938	79.29427	0	1006.913	270.094	-314.293
40479	19039.31	25972.51	45716.32	23.06493	-2.41568	3.391964	25.24326	87.08955	4.360333	1007.319	292.4032	-247.727
40480	18692.8	25414	45373.91	19.50511	-1.65341	3.154264	24.71278	86.82038	1.397	1007.212	251.3299	-245.169
40481	17528.17	26790.98	43392.55	8.955051	-3.03086	3.244082	24.24188	89.4034	29.003	1007.545	86.96618	-268.824
40482	17575.08	24847.48	44066.3	18.55813	0.765599	2.335576	25.22837	85.83587	24.08967	1007.521	237.125	-199.296
40483	17832.24	24393.86	43088.72	19.19808	2.392033	2.237423	26.06045	82.4058	0	1008.212	237.2874	-239.389
40484	19064.43	25800.66	45741.68	16.81652	-4.35428	-0.09052	25.57146	84.47719	38.9	1006.902	197.4754	-357.392
40485	17962.25	23351.45	44872.96	12.65234	-4.45632	0.100065	25.00958	87.0258	10.07533	1004.716	109.937	-302.904
40486	17968.15	22792.37	44145.49	16.5249	-26.4564	-0.49326	26.24438	82.575	1.397	1004.175	192.6561	-627.537
40487	18534.19	25400	41990.94	3.364147	-4.73845	2.442823	22.40191	92.10521	45.50833	1008.608	17.16339	-208.293
40488	18135.49	22738.95	45925.68	15.1762	-15.0345	-0.81124	22.89774	86.96295	0.296333	1011.007	183.0137	-367.331
40489	18945.83	23889.95	47944.84	18.10428		-0.0877	23.1175	83.27931	0.296333	1011.336	228.6717	
40490	19077.23	23844.05	46712.92	18.45251	-12.2681	0.225131	23.37389	79.15615	0.296333	1009.491	239.0236	-377.728
40491	19220.93	23429.54	43116.67	16.36026	-17.2938	0.576458	23.07747	80.80118	0	1007.72	208.4053	-465.727
40492	18685.18	23368.99	41461.18	16.697	-19.2256	1.664087	24.10014	82.32865	0	1007.602	207.8287	-499.065
40493	18264.69	23375.72	40251.68	9.908209	-23.7637	2.569864	23.71962	88.52882	2.878667	1009.209	-126.016	-544.207
40494	18512.61	23308.35	41684.48	10.04475	-26.2201	1.88392	24.55302	85.34969	1.27	1009.638	-167.079	-601.273
40495	18132.58	23535.61	42817.81	9.635744	-21.3055	2.114012	22.81073	89.62448	2.497667	1009.942	-128.38	-488.323

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40496	18339.15	23076.63	42885.25	9.906056	-23.5266	1.297618	24.40833	80.14517	0	1009.455	-168.193	-556
40497	17792.89	22658.18	41201.12	8.248744	-21.6774	2.03307	24.49448	78.53684	0	1007.97	-177.819	-521.386
40498	17446.55	22448.54	38225.53	8.139483	-20.2474	3.382934	25.35691	78.40819	0	1007.062	-176.947	-501.952
40499	17272.17	21699	36657.6	7.676085	-17.6709	2.788032	25.71715	79.61448	0	1007.978	-170.993	-464.048
40500	16975.48	20980.02	34579.59	6.77113	-14.0845	2.639869	25.63778	79.09017	0	1008.14	-149.105	-399.098
40501	16660.87	20435.9	32404.35	6.996656	-11.2792	3.016376	26.07406	79.17538	1.651	1007.184	-128.657	-350.1
40502	15873.96	17762.87	32342.86	8.940294	-13.0209	-0.98656	23.76698	89.96646	20.74333	1008.526	-46.8169	-318.105
40503	16653.23	19134.46	41050.08	-1.60835	-12.9928	-1.22518	22.5141	93.53993	51.26967	1009.436	-235.145	-292.191
40504	17379.03	18909.72	40622.76	2.811721	-3.04013	-2.52346	24.02955	87.96226	13.462	1008.125	-215.162	-130.877
40505	17590.54	19003.22	42064.52	5.376649	-3.41848	-2.70402	22.84271	92.22569	6.477	1006.812	-172.39	-140.891
40506	18210.47	20171.23	40922.47	7.584987	-3.4106	-2.56671	24.35549	86.0659	2.032	1005.401	-168.435	-177.923
40507	18076.92	21249.15	41288.19	5.276668	-3.29574	-1.96884	24.31076	88.29125	27.174	1006.438	-201.161	-165.851
40508	18110.56	20414.08	41442.7	6.150057	-4.79243	-2.30908	24.68257	86.9892	1.185333	1006.568	-216.988	-217.576
40509	17634.6	22821.28	44059.41	-0.02951	-0.48992	-0.54124	23.57889	91.65451	58.67567	1007.602	-270.345	-148.469
40510	19154.22	22286.51	47320.18	8.663638	-5.77796	-2.36536	25.01101	84.83729	2.836333	1007.257	-219.258	-266.192
40511	18382.5	20241.56	41334.04	7.361615	-15.1101	-2.46936	24.31385	89.24313	12.74233	1006.877	-170.068	-371.676
40512	18486.15	21072.97	43359.43	-0.21919	8.04196	-1.46774	23.37174	91.91667	45.88933	1005.91	-275.087	30.24479
40513	19233.81	34448.6		-4.26167	-0.52071		22.42028	93.87361	185.5543	1007.699	-162.541	-71.7354
40514	18257.89	19277.11	20021.38	2.17381	-1.63264	0.269371	21.80882	92.92604	24.17233	1008.853	-54.9691	-109.943
40515	18550.75	18877.09	19643.65	11.55968	-6.45425	0.000561	23.13316	86.49108	0	1009.137	52.25356	-267.969
40516	19677.1	19887.29	25873.4	12.27305	-8.52506	-1.29281	22.88875	87.17708	0.254	1009.448	-9.8866	-307.114
40517	19823.86	19718.79	27182.43	12.6787	-8.24395	-2.42932	24.04792	79.04615	0	1008.782	-50.5033	-315.456
40518	18609.41	17546.58	34919.48	3.612167	-3.11616	-3.64401	22.27125	90.49833	60.41367	1010.481	-175.252	-162.984
40519	19190.9	16446.25	30444.38	6.52194	-3.67204	-5.09809	21.74747	85.47313	2.751667	1011.552	-119.058	-178.232
40520	19849.35	18179.85	35223.64	10.13928	-5.71448	-5.58112	22.07472	89.16462	0.296333	1009.739	-103.083	-227.463
40521	19303.44	17926.39	36828.93	7.21735	-3.98946	-5.10163	22.94514	86.5024	11.26067	1010.501	-164.714	-206.153
40522	19668.34	16821.83	35989.36	6.850423	-4.91814	-5.57336	21.25799	89.28896	4.826	1010.695	-105.887	-202.682
40523	20283.46	16334.11	36392.19	7.348058	-5.75363	-7.86752	22.43597	83.01427	4.741333	1009.719	-139.173	-232.686
40524	19522.43	16524.33	36797.1	5.104635	-2.46649	-6.5075	23.16142	87.00361	7.112	1008.485	-158.117	-190.867
40525	19719.1	16999.8	35946.99	7.387101	-3.71266	-6.06387	22.09056	88.91948	7.281333	1009.522	-98.6598	-196.79
40526	19219.87	17105.94	35241.29	6.7224	-4.63529	-5.66586	21.19222	83.9449	0.254	1010.947	-114.591	-202.708
40527	18947.62	17845.14	36435.27	7.008097	-6.06034	-5.33604	21.38233	81.39486	0.465667	1009.819	-136.317	-232.152

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40528	18299.18	18457.55	39021.88	7.518983	-3.50927	-3.86149	21.93167	89.17514	7.62	1008.835	-117.097	-168.735
40529	18657.91	17949.33	38048.99	7.049131		-4.9458	23.13389	85.63132	0.550333	1008.624	-150.362	
40530	19193.01	18268.68	38422.82	8.955558	-6.34996	-6.48444	24.23319	81.00969	0	1007.043	-179.714	-304.017
40531	19158.05	18662.48	38061.37	8.422926	-5.65563	-6.05609	23.30052	85.43104	0	1007.661	-160.929	-244.583
40532	18220.95	18818.23	36359.93	4.645784	-3.01973	-2.80314	21.60809	89.9725	8.551333	1009.751	-162.73	-165.726
40533	18792.33	18664.17	36856.27	7.658459	-5.18227	-4.76621	23.48962	79.01198	0.296333	1010.249	-162.637	-235.887
40534	18228.25	18585.69	37448.39	6.127395	-2.99297	-3.12053	21.41531	88.90319	7.450667	1011.424	-140.385	-166.242
40535	18582.84	18347.95	39620.32	7.000179	-7.86392	-4.88499	22.46698	84.71455	1.227667	1010.462	-154.527	-257.499
40536	18850.84	17569.21	38761.96	2.668023	-4.05411	-3.9766	20.98986	92.02465	15.45167	1009.222	-165.051	-162.848
40537	19466.02	16810.35	39458.24	4.207982	2.40153	-4.32918	20.76615	92.71007	27.38967	1009.022	-125.84	-70.9165
40538	19369.64	16644.12	38298.28	6.264207	0.269966	-4.66612	20.87705	90.67569	10.83733	1011.548	-74.0202	-93.5307
40539	19592.81	16862.67	39070.6	2.517192	-1.34362	-4.08296	20.04104	92.49896	19.47333	1012.886	-117.754	-118.527
40540	19928.56	16999.17	38934.61	-0.86833		-4.03682	20.24656	92.00302	19.685	1010.863	-169.413	
40541	20063	17269.88	45343.19	0.04693		-5.8106	20.68274	92.50556	17.06033	1007.93	-195.778	
40542	20290.3	17584.86	42653.05	-0.29186		-6.22155	23.81017	87.89618	10.541	1006.565	-197.911	
40543	20339.93	18010.15	40091.57	2.434531		-7.00508	24.67181	85.68399	2.286	1006.967	-186.904	
40544	20429.11	18298.79	36121.22	5.112103		-6.65897	25.23066	83.32726	3.683	1007.304	-169.95	
40545	19826.15	18532.6	38453.4	-0.07262	2.044318	-5.32956	24.22149	86.23993	27.647	1008.206	-204.971	-155.425
40546	19505.91	18076.39	34996.57	-1.13272	-3.37304	-3.83051	22.52542	88.68365	8.339667	1008.814	-209.825	-204.086
40547	20311.09	18144.95	36505.07	3.881007	-3.78671	-6.57867	23.83215	81.80566	0	1008.543	-190.66	-192.643
40548	19458.34	18658.49	36963.24	2.092685	0.620661	-3.89049	22.22153	91.01271	24.13	1009.21	-180.933	-148.705
40549	19966.58	18259.52	37109.88	1.312621		-5.51625	23.74531	84.80104	0.296333	1007.874	-203.331	
40550	20174.85	18828.24	38982.72	3.983653	-6.80783	-5.57705	22.66035	88.42743	1.354667	1007.801	-175.714	-273.857
40551	20112.11	19477.66	39001.21	5.30957		-5.24139	23.39559	85.12448	0	1006.888	-183.263	
40552	20237.28	20216.59	39224.89	5.868398	-7.00585	-5.41696	24.6642	79.15712	0	1006.748	-224.789	-310.466
40553	19977.93	20535.88	40390.25	5.531538	-3.50989	-4.48956	23.35851	87.49087	2.286	1007.213	-195.302	-220.669
40554	19584.55	20300.03	39597.43	2.947583	-1.52576	-3.72988	24.29497	86.77257	11.09133	1007.697	-215.815	-173.703
40555	19431.53	18961.75	38715.79	-7.22899	2.570252	-3.47927	23.59882	91.19139	61.72367	1008.092	-331.091	-102.513
40556	19131.1	18376.96	43235.63	-4.44826	2.488923	-5.24736	22.81722	91.90451	59.51867	1008.745	-278.646	-109.68
40557	19304.86	19066.78					22.47049	93.46285	65.61267	1008.45		
40558	19729.66	20133.26					22.81861	92.32118	89.31767	1008.089		
40559	20116.32	19874.19	34963.84	-1.91634	-3.69922	-5.40935	24.69344	84.34611	17.78	1006.779	-217.423	-260.738

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40560	20868.78	18776.61	29333.19	1.759432	-3.92684	-4.77353	23.44844	89.20167	0.635	1007.002	-172.655	-244.401
40561	21304.16	19127.23	29917.43	3.436644	-5.30785	-6.13354	25.35253	81.42139	1.481667	1007.1	-218.664	-282.069
40562	21016.62	19612.8	32329.27	5.211511	-4.43866	-6.25616	25.89483	78.83115	0	1007.96	-231.977	-293.599
40563	20360.83	19841.4	36564.9	5.139452	-4.77572	-6.14228	24.97844	80.31184	0.254	1007.284	-233.318	-243.228
40564	19391.23	20135.52	38602.81	4.775003	-1.87634	-4.93509	24.96594	79.60698	0	1005.972	-226.707	-180.686
40565	18147.6	19926.66	36904.46	4.605578	-0.27758	-2.67888	24.46889	80.49809	0	1006.035	-187.741	-140.586
40566	17079.92	19467.04	35477.37	4.830361	1.092921	-1.2777	24.08934	74.51229	0	1007.071	-151.767	-113.472
40567	16461.67	19060.6	33237.57	4.141348	0.888086	-0.18513	23.56997	78.86688	0	1007.649	-129.517	-101.934
40568	16183.58	18950.2	31701.77	4.192402	1.950882	0.672485	24.05694	80.63722	1.778	1006.863	-118.912	-86.2051
40569	16055.1	18761.71	30081.43	4.494603	1.633396	1.144115	24.45733	81.15014	0.254	1007.353	-106.798	-88.3553
40570	15895.16	18592.4	28859.75	4.408381	1.756103	1.521265	23.40552	83.83368	2.582333	1008.438	-89.1249	-77.1133
40571	15829.65	18380.69	28041.77	4.312677	2.035199	1.472343	23.91163	80.51948	4.868333	1009.232	-81.2036	-69.7799
40572	16007.85	17954.29	30133.86	3.771483	1.906372	-0.49021	24.21524	84.57531	9.059333	1010.497	-106.567	-60.9065
40573	16370.44	17725.97	31529.96	3.729285	2.665102	-1.99945	24.08674	79.87757	0	1010.58	-117.266	-52.1606
40574	16205.29	17982.7	31127.91	3.992731	2.472652	-1.31542	23.70188	78.45913	0	1009.366	-104.39	-56.5018
40575	16014.74	18229.52	30541.18	4.159032	2.096045	-0.20621	23.9542	84.31688	0.254	1008.506	-101.368	-64.1198
40576	15963.91	18228.32	29487.79	4.033878	5.093853	0.255323	24.85913	81.32802	0	1008.481	-105.177	-23.8933
40577	16005.22	18329.25	28412.81	4.523151	2.733296	0.887907	24.41521	84.73569	3.894667	1008.675	-84.1274	-44.2897
40578	15963.7	16302.11	30314.83	2.230021	2.812284	-2.93909	24.20111	84.55615	8.212667	1008.188	-129.68	-36.2821
40579	16202.28	16461.54	32082.19	0.574689	1.273828	-2.25364	22.16924	91.08458	18.796	1007.622	-137.221	-41.3003
40580	16635.88	16809.39	30705.56	2.489731	1.06049	-3.29361	23.55503	81.81948	0	1007.924	-119.681	-58.3871
40581	16771.16	17622.22	30667.91	3.4188	1.829672	-2.78814	24.73451	77.5626	0	1008.711	-119.594	-55.8403
40582	16710.79	17801.99	30598.36	3.338164	1.293385	-2.41248	23.8851	83.58208	0	1009.685	-113.16	-60.3464
40583	16574.4	17881.63	31583.75	4.036844	1.82962	-2.21189	24.72851	81.6626	4.402667	1007.979	-108.746	-57.3049
40584	16844.18	18093.86	31103.57	4.145087	2.967069	-2.30674	24.83979	80.49986	0	1007.196	-112.513	-41.9776
40585	16796.66	18230.58	30097.08	4.587075	3.336628	-1.72158	25.19642	77.2884	2.328333	1008.638	-95.2078	-39.3494
40586	16593.89	18496.94	30669.59	5.345885	3.496892	-0.79834	25.33819	78.44323	5.630333	1009.898	-86.1929	-47.0071
40587	16553.94	16863.85	32122.25	0.903563	2.32358	-2.69184	23.58056	87.91601	26.83933	1011.616	-141.894	-28.5016
40588	17118.09	16105.9	37226.72	-1.3531	1.148877	-3.85895	23.34698	89.01208	50.506	1010.362	-198.254	-30.0418
40589	17840.7	17063.85	39423.34	-1.05845	0.65093	-4.16739	22.85688	90.8651	32.42733	1010.361	-200.597	-44.9485
40590	18827.74	18174.01	38400.01	2.039655	1.954923	-5.85684	25.2884	77.85486	9.482667	1009.958	-183.13	-52.8023
40591	18468.08	21689.19	37483.34	4.020286	1.597656	0.681122	23.62097	85.22993	3.556	1010.196	-127.207	-53.9628

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40592	17959.18	19430.79	37386.77	4.512404	2.119117	-2.74412	24.41125	83.60906	0.889	1010.2	-130.913	-53.6593
40593	17471	19148.47	35673.99	4.653004	3.215275	-2.38008	24.93208	77.89431	3.429	1008.778	-129.092	-45.072
40594	17547.77	16602.71	37065.37	-0.56629	1.610035	-4.81272	23.85705	85.29031	14.30867	1008.485	-203.431	-43.3596
40595	18316.31	17060.64	35953.5	3.817719	4.431945	-7.22466	24.68951	77.40781	0.296333	1007.997	-137.797	-27.4811
40596	17956.39	17316.66	35193.85	4.479055	4.269979	-6.80633	24.75517	74.09684	0	1008.153	-106.73	-31.8912
40597	17492.19	17589.52	33545.95	4.269943	3.320431	-5.17167	24.28566	77.74399	0.296333	1008.482	-98.6288	-42.357
40598	17051.13	17586.26	31839.79	4.319699	2.335081	-4.12446	24.30278	81.45632	0	1008.809	-90.1362	-56.7037
40599	16598.01	17490.53	30118.54	4.345237	2.683932	-3.09108	25.09434	81.78413	4.402667	1008.118	-86.8903	-53.5666
40600	17146.24	15174.64	32330.16	-0.756	1.589802	-5.46731	25.36549	85.4733	25.742	1007.347	-175.629	-35.6418
40601	18844.04	15233.18	39251.57	-3.53037	0.973844	-6.12869	23.5351	92.41146	55.83767	1007.819	-219.084	-21.9658
40602	20687.36	15454.16	42509.71	-6.39198	0.849322	-7.39736	23.72667	91.20427	86.10367	1008.547	-295.036	-19.8011
40603	23271.75	16667.67	44593.69	-2.20543	1.549271	-12.3059	24.95233	84.10476	63.49767	1009.271	-254.457	-56.5474
40604	21433.35	17622.06	42451.88	4.211343	1.388368	-11.8502	24.34986	79.59455	2.836333	1009.592	-91.5551	-79.8038
40605	18944.78	17742.81	37771.21	4.673121	2.789865	-7.59323	24.58562	75.40493	2.709333	1008.975	-97.274	-58.6967
40606	18119.43	17931.3	36132	4.944453	1.4549	-5.21154	23.38611	82.90431	1.354667	1008.875	-80.6406	-63.8223
40607	18116.64	17835.64	34952.09	4.775741	3.063697	-5.90606	24.23177	77.17882	0	1008.388	-97.7449	-48.9697
40608	17754.18	17618.93	33225.95	4.493653	3.420036	-5.60273	24.05503	77.15632	0	1008.417	-93.1642	-42.5918
40609	17063.11	17545.76	31366.59	4.355895	3.407881	-4.08286	24.21733	75.85684	0	1007.423	-86.2217	-44.0748
40610	16511.67	17376.81	29508.95	4.083921	2.287092	-2.77658	23.9641	86.41441	3.598333	1008.926	-76.7053	-54.3153
40611	17063.09	18036.61	30172.69	5.539213	3.026967	-2.7105	25.08927	79.70569	0	1010	-67.3647	-41.2861
40612	16757.28	18046.27	29666.94	4.828541	4.093773	-2.02803	24.66122	75.78319	0	1010.391	-75.3463	-21.1307
40613	16368.92	17521.19	27859.75	4.178936	4.016178	-1.81864	24.18365	76.7308	4.487333	1011.254	-69.7971	-20.187
40614	16738.17	16196.76	29508.3	3.393727	2.142523	-4.1296	23.95552	82.90868	4.826	1011.364	-77.3856	-28.8854
40615	16971.79	16849.47	30230.95	4.447699	3.27975	-4.87526	25.25503	75.41205	0	1010.638	-84.5022	-26.0387
40616	17077.79	16552.29	31069.06	4.112567	3.077769	-4.72401	25.03233	76.19875	5.037667	1009.539	-80.3719	-20.798
40617	17384.86	17079.48	30763.29	4.044307	3.921046	-5.0864	24.43271	77.64604	0	1010.067	-80.9314	-11.8666
40618	17003.99	17232.69	29630.26	4.15906	4.408212	-4.23012	24.70458	76.0184	0.889	1010.566	-75.8415	-7.65491
40619	16973.21	16736.27	29274.5	2.252666	2.171702	-2.81883	23.05201	86.83385	21.75933	1010.838	-75.3498	-17.7235
40620	17310.64	15956.27	31165.85	2.676837	2.381717	-5.37465	24.52122	78.78337	5.842	1010.223	-91.7055	-22.5322
40621	16912.77	16384.35	32605.63	2.452236	1.625794	-3.80817	23.01733	84.94028	4.614333	1010.225	-88.4279	-25.6511
40622	17198.46	16666.5	33437.41	1.994701	1.023066	-4.02541	22.8191	86.60406	4.402667	1010.088	-103.993	-33.1441
40623	17291.4	16904.79	34017.63	2.109912	1.743827	-4.2973	23.06128	85.5976	9.990667	1009.875	-104.414	-25.6111

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40624	17196.25	16149.43	34677.03	2.152511	1.780793	-5.37469	23.18382	82.62146	0.508	1009.016	-110.534	-29.7978
40625	17364.16	17017.3	33717.28	3.429629	2.467874	-5.44164	23.95663	78.85045	0	1007.417	-98.8749	-30.2478
40626	17369.26	17308.29	32836.75	3.828244	3.607488	-5.60667	24.76462	77.24889	0	1007.239	-96.4	-21.5419
40627	17229.12	17476.82	31505.69	3.826592	3.63062	-5.16146	25.56618	76.87778	0	1006.88	-97.4911	-26.4004
40628	16932.75	17481.07	29899.68	3.79423	4.692323	-4.40452	26.6866	75.69247	0	1005.578	-98.2956	-17.0602
40629	16584.09	17333.24	28175.72	3.534349	4.643772	-3.36828	26.66823	78.55899	0	1005.324	-90.9037	-17.2685
40630	16233.28	17202.33	26620.06	3.808749	4.572929	-2.24755	27.0091	77.96899	0	1005.922	-80.3193	-18.9214
40631	16177.18	17275.72	25624.21	3.646977	4.470073	-1.33324	26.58538	82.03139	1.016	1007.428	-69.3843	-9.61258
40632	16011.42	17151.06	25219.63	3.78147	5.065969	-1.14496	27.06826	76.32101	0	1007.505	-72.7445	-5.48816
40633	15767.16	16982.41	24058.91	3.844997	4.881307	-0.37357	26.78087	77.11698	0	1006.049	-63.9105	-10.3131
40634	15574.17	16886.5	22951.7	3.836482	5.574214	0.516928	26.60899	75.78851	0	1005.803	-55.209	1.171705
40635	15297	16781.12	21891.52	3.741522	5.510819	1.651291	25.72194	74.34677	0	1007.08	-45.6214	5.5995
40636	15164.36	16746.97	21046.35	3.244218	4.356056	2.218323	24.2899	84.61302	1.27	1008.125	-37.9871	0.313488
40637	15002.82	16668.78	20608.69	3.871602	5.533884	3.050287	26.35135	75.88844	0	1007.344	-37.5398	10.73431
40638	14934.29	16611.46	20165.63	3.300577	3.915977	2.830059	24.49417	86.02851	10.795	1008.017	-30.4367	1.101618
40639	15076.81	17791.26	21525.12	4.194255	3.983663	5.561634	25.86233	80.01288	1.27	1009.071	-22.7354	7.354154
40640	14941.38	17496.62	22458.32	2.587963	1.92067	2.954307	23.46701	88.32281	13.081	1009.008	-32.6788	-8.43515
40641	15139.52	16158.44	23008.94	1.448037	1.799509	0.093547	24.03944	87.8484	52.87267	1008.363	-59.4112	-10.2257
40642	15467.92	15590.73	24867.16	0.731731	1.927595	-1.99111	24.04045	88.01701	23.19867	1009.266	-71.8251	-9.85802
40643	15405.55	16176.26	25356.88	1.628593	1.821682	-1.42966	24.11792	85.90417	5.291667	1009.924	-62.7345	-21.322
40644	15583.83	16622.25	25324.43	2.516854	2.983917	-1.19463	25.51497	78.8217	2.709333	1008.967	-59.6988	-13.7365
40645	15484.45	16711.51	24790.3	2.998621	3.319582	-0.66714	25.66042	76.35007	0	1009.028	-55.0285	-8.63422
40646	15343.32	16564.11	24025.02	2.797055	4.165076	-0.45377	24.97615	72.68507	0	1008.936	-52.8851	2.036485
40647	15109.77	16400.43	23037.55	2.725085	4.112245	0.095209	25.02872	70.87313	0	1007.813	-50.1634	2.070458
40648	14952.69	16310.88	22066.12	2.665954	3.730759	0.752126	24.90399	76.99128	0	1007.135	-45.3697	-4.51454
40649	14907.99	16249.99	21275.02	2.853561	4.31511	1.152771	25.63892	76.5091	0	1007.494	-42.9113	1.514901
40650	14859.57	16206.77	20627.14	2.718616	4.196144	1.448951	24.79799	80.91819	0	1008.143	-37.0671	4.015841
40651	14860.24	16161.37	20075.99	2.82638	4.189851	1.664279	25.01101	79.3724	0	1008.544	-33.2479	4.546302
40652	14802.15	16262.1	19699.31	3.139023	5.079606	2.533278	25.6934	76.08201	0.211667	1008.901	-29.8088	16.52429
40653	14702.25	16080.43	19288.14	2.944774	4.968267	2.414457	24.95069	78.00826	0	1008.66	-27.4121	19.08269
40654	14609.73	15971.08	18931.39	3.046692	5.057225	2.622911	25.50882	76.6599	0	1008.002	-27.117	18.69939
40655	14463.27	15854.88	18574.89	3.130892	5.543132	3.006388	25.94858	73.73076	0	1007.751	-25.8063	25.65218

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40656	14418.65	15762.66	18290.36	3.002634	5.121995	2.881612	25.40535	77.54219	0	1008.191	-24.7297	21.47216
40657	14303.11	15660.51	18034.63	3.083903	5.544282	3.115215	25.69639	76.17146	0	1007.983	-23.7753	28.23435
40658	14237.88	15585.46	17781.52	3.258612	5.904896	3.483661	26.61635	72.78927	0	1006.78	-23.3263	30.58524
40659	14213.49	15527.91	17576.9	3.297045	5.760385	3.574969	26.82396	75.74906	0.465667	1005.873	-22.3207	27.71034
40660	14388.7	15674.99	17602.6	2.92029	4.727368	3.267625	26.38906	85.01455	7.704667	1006.768	-28.7364	19.75717
40661	14647.8	16011.91	18083.78	2.800722	4.588022	3.438324	26.4759	83.31733	6.434667	1007.776	-37.6313	21.72291
40662	14541.38	15914.05	17977.58	3.150311	4.829469	3.659557	26.74861	80.10132	0.254	1006.859	-34.2509	23.34706
40663	14283.39	15680.99	17670.26	3.386564	5.617541	3.883114	26.74983	75.39604	0.211667	1005.731	-27.7325	32.22839
40664	14403.03	15658.16	17543.55	2.571305	3.986355	2.807712	24.58524	83.26785	7.62	1005.592	-24.5387	17.88469
40665	14485.27	15772.24	17662.05	2.796294	3.808113	3.158062	25.64618	80.90903	4.868333	1005.785	-27.4467	12.66449
40666	14429.73	15715.81	17568.78	3.060087	4.44397	3.380322	26.34753	77.86104	12.99633	1006.767	-27.5868	18.48251
40667	14371.6	15035.18	18350.91	1.26704	2.735622	0.064034	25.62344	86.32576	23.75133	1007.767	-42.7443	-0.55467
40668	14762.32	14641.34	21115.64	0.249649	1.004487	-1.05586	23.5825	93.11319	115.9493	1007.869	-59.8833	-0.29967
40669	15221.73	14772.14	21046.66	1.091651	1.963586	-1.87496	23.81476	90.58649	28.87533	1007.822	-52.9982	-7.00116
40670	15205.73	15302.03	20432.64	2.410498	3.479216	-1.81982	26.37486	81.28934	1.143	1006.171	-51.4014	-7.93241
40671	15236.67	15068.86	21719.06	1.241157	1.705258	-1.72174	24.92677	90.19208	56.39133	1006.32	-56.9277	-4.57097
40672	15615.03	15640.9	22440.88	1.93863	1.955078	-1.99403	25.11392	89.20142	7.662333	1005.146	-38.3429	-20.4104
40673	15527.74	15491.55	23137.76	1.390935	1.926918	-2.01076	25.39653	88.21205	26.71233	1004.5	-55.4598	-10.7564
40674	15675.77	15915.71	22982.56	2.309867	2.487918	-1.97737	25.56184	88.50323	3.640667	1005.913	-47.319	-12.8977
40675	15447.68	16005.63	22232.63	2.840499	2.630143	-1.35269	25.9367	83.64201	1.481667	1006.766	-43.8836	-17.3919
40676	15167.78	16003.76	21490.68	3.084185	3.060591	-0.5056	26.78976	79.28514	0	1005.72	-43.7584	-13.3093
40677	14958.13	15875.23	20857.31	3.140631	3.691493	-0.05925	26.66253	79.90573	2.667	1005.299	-39.7001	-2.60854
40678	14840.44	15830.21	20268.14	3.363304	3.664809	0.461319	27.22559	79.74757	0.254	1005.873	-36.4014	-4.64719
40679	14691.81	15711.53	19752.08	3.348908	4.530532	0.831722	27.27365	74.85656	0	1006.499	-34.9341	10.6862
40680	14636.13	15637.41	19203.07	3.256277	4.429147	1.111214	26.61205	75.66059	0	1005.867	-29.7119	10.19597
40681	14733.83	15649.73	18756.52	3.39107	4.493667	1.151321	27.08691	77.50149	0	1006.533	-26.2666	9.700035
40682	14648.62	15654.42	18364.61	3.385276	5.110828	1.789117	26.99771	75.3209	0	1007.76	-22.7143	20.98524
40683	14496.36	15592.85	18004.93	3.310481	5.142194	2.348191	26.80174	77.48313	0	1007.033	-21.3972	23.07584
40684	14385.51	15593.98	17731.07	3.394631	5.185773	3.060057	26.97694	78.26858	0	1006.835	-19.0111	24.16496
40685	14572.74	15791.62	17763.03	3.17162	4.644352	2.742545	25.66146	83.14906	7.916333	1007.763	-13.9022	24.61076
40686	14574.68	16097.93	18126.81	3.611904	4.996054	3.856231	26.07556	76.08948	0	1007.332	-11.7654	26.81943
40687	14609.61	15853.69	17872.25	3.939562	5.408075	3.279036	27.21868	73.18396	0	1006.678	-13.7681	28.88279

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40688	14388.98	15629.56	17526.54	3.711921	5.601546	3.443169	27.23292	74.99531	0	1006.408	-15.7775	31.75405
40689	14271.64	15504.31	17287.42	3.602458	5.642193	3.517416	27.16236	76.46344	0.254	1006.723	-15.3663	33.36361
40690	14184.22	15407.85	17080.01	3.564252	5.720436	3.659396	27.35344	74.24896	0	1005.935	-14.9846	35.23047
40691	14130.85	15135.71	17155.5	2.399087	4.013961	2.415696	25.82472	82.29146	30.73633	1005.137	-21.746	20.34972
40692	14217.21	15122.5	18342.12	2.137544	2.836826	0.740665	26.04573	82.54625	8.89	1004.441	-29.1546	1.04848
40693	14424.95	15391.26	19445.85	2.143479	2.558006	0.426058	26.32993	83.55389	14.732	1004.776	-33.8345	-3.00748
40694	14489.07	15540.69	20485.23	1.977097	2.198189	0.384222	26.24781	85.25243	31.11033	1005.441	-41.2912	-7.1885
40695	14644.62	15577.55	21120.23	1.609331	1.798466	-0.00593	25.4701	86.42375	35.68933	1005.801	-49.2265	-10.9407
40696	14897.04	15816.94	21582.29	1.789352	2.117554	-0.05238	25.74517	84.87726	70.19033	1006.195	-55.43	-9.22969
40697	15156.14	15802.61	21258.21	2.541272	3.308639	-0.53294	26.55861	78.96736	0.804333	1006.686	-56.1726	-15.0952
40698	15053.19	15869.19	21031.38	2.554226	2.502557	-0.11042	26.52122	81.03583	4.191	1006.689	-52.4565	-18.7123
40699	15137.76	15739.36	21977.67	2.155478	1.743418	-0.72209	25.79115	81.75618	12.53067	1006.181	-52.6475	-14.245
40700	15329.99	15982.76	22401.1	2.337796	5.027113	-0.94842	25.89583	83.01385	4.656667	1005.736	-50.9838	35.88531
40701	15307.65	16284.94	22248.45	2.990489	8.932329	-0.33095	27.15306	77.66941	0.211667	1005.754	-51.8287	92.4762
40702	15170.39	16277.07	21573.47	3.321846	9.185874	0.278193	27.66344	78.4716	0	1006.252	-49.781	96.77213
40703	15048.85	16185.02	20948.66	3.678468	10.21618	0.770073	28.64917	77.89368	0	1005.956	-49.5167	107.9093
40704	14882.91	16008.96	20262.1	3.668155	9.17047	1.126349	28.38722	77.0508	0	1005.454	-44.9424	94.50379
40705	14756.41	15838.7	19536.69	3.743488	9.729619	1.376934	27.82868	78.13785	0	1004.301	-37.8466	100.936
40706	14757.96	15375.5	20284.08	2.470335	7.912183	-0.5561	26.01819	87.60326	23.963	1004.918	-24.38	86.10328
40707	15161.32	15604.14	21677.08	2.977423	8.841535	-1.24493	26.74663	85.04767	12.27667	1005.652	-21.7625	98.34472
40708	15166.19	16085.01	21716.78	3.742044	9.369849	-0.33455	26.49774	83.18844	5.715	1006.029	-17.3442	102.5099
40709	15392.71	15955.67	22007.77	2.512158	6.244044	-0.61959	24.41323	89.98823	20.02567	1006.297	-23.6438	65.41789
40710	15548.22	15421.19	21255.82	1.311121	5.501984	-1.63695	24.53913	87.23684	81.57633	1006.792	-39.993	55.4089
40711	15944.58	15901.94	22591.51	3.693832	8.655879	-2.43256	26.3376	80.89625	0	1006.716	-26.055	81.0165
40712	15667.86	16323.86	22351.83	3.890524	8.191237	-1.14789	26.28618	82.84292	1.143	1007.73	-20.193	80.74008
40713	15379.29	16191.19	21566.32	3.851943	8.724322	-0.52635	26.40208	82.76257	0	1007.199	-19.2841	86.2378
40714	15316.21	15814.84	20877.03	2.849208	6.801734	-0.52006	26.35431	83.14257	96.232	1005.967	-23.6222	69.08796
40715	16327.89	15956.12	23279.27	3.029446	7.944052	-3.29958	26.84493	81.85872	2.243667	1005.72	-24.6477	80.04505
40716	15755.09	16295.21	22293.38	3.55124	7.648856	-1.35246	25.54927	85.9066	2.286	1006.697	-15.2116	76.98645
40717	15728.38	16466.25	21981.69	3.733589	7.879929	-0.70598	25.8951	86.23743	4.572	1005.676	-10.9641	83.13732
40718	15912.56	16420.33	21557.04	3.145257	7.130306	-0.7276	25.94184	85.17337	61.76233	1005.026	-14.1995	76.94908
40719	16378.5	16010.39	23172.69	2.936532	8.309711	-2.98799	26.03497	84.46705	0.211667	1005.719	-24.2292	87.45647

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40720	16580	16174.67	24364.69	2.462061	8.045549	-3.14826	25.51854	86.51726	9.948333	1006.751	-31.0702	86.93418
40721	16089.17	16562.71	23657.76	3.580683	8.795448	-1.91917	26.44604	81.01722	0	1006.02	-20.3509	89.13221
40722	15995.2	16722.02	22968.74	3.683815	8.323437	-1.12652	26.24642	85.79701	1.862667	1005.871	-17.9199	85.20788
40723	16299.22	16479.32	23961.26	3.152633	7.693068	-2.3718	25.82639	85.85208	11.38767	1005.681	-20.8358	83.62791
40724	16118.49	16786.76	24374.68	3.79597	9.028614	-1.69097	26.46962	83.49007	0.211667	1005.029	-19.7427	93.30874
40725	16084.23	16203.98	23274.33	2.799962	7.186979	-1.66198	24.8317	87.13312	18.122	1005.54	-19.5096	76.00139
40726	16367.02	16350.89	23712.28	3.223479	7.918682	-2.4606	25.12958	84.7209	1.651	1006.295	-18.1379	81.21664
40727	16103.88	16796.41	23133.32	3.70727	8.014709	-1.08779	25.41455	85.96438	3.556	1005.233	-13.649	85.16782
40728	16175.24	16581.8	23451.7	2.603192	8.51375	-1.3791	26.40556	82.22	14.31067	1005.512	-45.2567	92.4898
40729	16462.91	16214.94	25384.09	2.506555	9.570103	-3.82012	27.13528	79.39764	0	1005.974	-69.5107	103.0284
40730	16099.1	16682.68	24194.71	3.079004	9.233209	-2.02052	26.86719	80.43028	0	1006.03	-62.6037	96.9737
40731	15988.16	16657.46	23244.54	3.562773	9.446059	-1.53972	27.22847	81.43632	0	1005.178	-51.2089	98.13879
40732	15789.6	16457.32	22297.58	3.501772	8.982762	-1.21055	26.58125	83.94878	0	1004.744	-44.394	92.58206
40733	15677.88	16321.08	21558.54	3.461098	9.063838	-1.02713	26.82465	82.37441	0	1005.179	-42.4131	92.85035
40734	15937.48	15788.88	24273.19	2.113785	7.666023	-2.83056	26.52198	85.40333	20.53167	1005.313	-48.5091	85.08246
40735	16107.19	16528.48	25923.38	2.282132	7.134485	-1.87299	25.91719	85.98722	17.018	1006.282	-51.7268	80.00194
40736	16552.52	16459.86	27406.74	2.940112	8.272998	-3.37287	25.59198	84.36132	0	1008.037	-46.3908	89.10665
40737	16806.58	16219.14	25809.28	0.21824	5.14004	-2.73097	23.67052	91.16354	109.6043	1008.242	-77.967	56.80364
40738	17264.74	17222.05	27772.08	2.998957	6.838461	-3.43286	24.86337	85.18674	5.715	1006.473	-45.6111	68.21228
40739	17863.28	17143.54	29863.33	1.241453	5.243134	-3.20414	23.94049	90.93368	28.234	1005.436	-60.8311	59.9326
40740	19392.14	16861.83	30192.23	1.598301	6.05689	-6.43681	24.71608	88.53941	37.207	1005.268	-61.4399	63.4593
40741	18253.52	17213.77	29824.49	3.411236	7.810763	-5.99129	26.12514	83.15667	0	1006.937	-49.0641	77.42177
40742	18673.44	16743.16	30848.14	1.379179	6.23473	-6.20345	25.71396	83.10184	21.59	1007.617	-68.9972	66.42033
40743	17708.43	17246.19	28635.03	3.464978	8.408977	-5.10368	26.52365	79.46424	0	1007.199	-47.6878	86.5543
40744	16927.69	17239.49	26514.92	3.857296	8.244243	-3.27267	26.75038	81.43875	0.508	1007.054	-43.8954	84.17905
40745	17799.56	16561.52	27742.63	1.820391	7.273154	-5.27019	26.72142	84.22399	14.986	1006.459	-66.505	78.81421
40746	18578.56	16718.4	28366.68	2.381247	5.651291	-5.06888	24.29688	92.61285	8.593667	1006.332	-50.8289	58.57243
40747	19226.54	16672.6	30626.68	2.757591	7.013114	-6.98343	25.0783	88.26399	4.953	1007.541	-54.7178	76.41234
40748	18448.2	17270.82	29904.89	3.475462	6.814839	-5.18872	24.85208	88.56962	5.08	1007.099	-40.892	73.79703
40749	19771.45	16998.54	31192.22	2.476533	7.401203	-7.4197	25.95573	87.1208	16.891	1006.097	-59.9852	81.59285
40750	19016.95	17207.28	30587.51	2.969455	6.72033	-5.80213	25.28736	88.10063	16.764	1005.102	-43.4485	71.65725
40751	18497.39	17684.51	30164.01	4.463406	8.568616	-5.56199	26.50552	83.4783	0	1005.359	-35.4531	88.72376

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40752	17547.12	17917.22	29340	4.024598	7.527128	-3.19021	25.76733	86.55351	5.588	1006.152	-37.4049	79.15017
40753	19453.48	17008.28	31829.37	3.40372	6.479574	-7.5874	24.23969	89.9384	1.989667	1006.336	-36.9511	70.95855
40754	19165.48	17605.59	32209.14	3.21817	6.706595	-5.5854	24.61948	87.27542	10.668	1005.928	-45.2747	73.22976
40755	20616.92	18235.45	33216.41	3.540877	7.720994	-6.92951	24.89292	87.01903	4.699	1006.52	-40.6107	84.64016
40756	19103.29	19902.31	32842.61	4.386338	8.566612	-2.74735	26.10931	83.85826	0	1006.809	-41.4075	90.06889
40757	17609.35	19514.78	30816.35	4.700322	8.465664	-0.4715	25.71958	85.39674	0.254	1006.027	-36.2057	86.5666
40758	17185.84	19073.36	28969.89	4.522218	7.550825	0.048325	25.12462	86.37885	1.862667	1005.911	-29.8945	77.10855
40759	16969.74	18703.68	27521.21	4.802755	9.451867	0.151999	27.1549	77.16698	0	1006.204	-33.4909	97.78997
40760	16645.04	17807.25	25610.25	4.549159	8.79668	-0.77472	26.53524	82.28726	2.455333	1006.986	-31.6031	88.36743
40761	16613.18	17676.68	24430.51	4.536575	8.304161	-0.53287	26.53514	83.09997	2.497667	1006.964	-22.7958	91.36378
40762	16452.21	17590.88	23619.72	4.70874	8.455868	0.115936	26.64288	83.28976	6.858	1006.749	-23.5407	88.63535
40763	16977.46	18358.91	24053	5.073604	8.875631	0.766222	27.08434	82.41715	0	1007.008	-20.4128	96.71469
40764	16169.98	17717.88	22628.64	4.941521	9.675973	1.616254	27.5275	80.38035	0	1006.836	-26.8159	101.8257
40765	16235.36	17576.92	21469.43	4.511418	8.141233	1.434155	25.61413	90.49208	3.725333	1006.676	-19.9254	89.08654
40766	16809.56	18180.46	22063.92	4.449365	7.231294	1.254603	25.45278	87.85767	3.048	1006.106	-18.5041	81.76683
40767	16218.16	17978.69	22716.85	3.711135	6.646127	1.353342	24.94538	88.00365	10.07533	1006.47	-23.2682	75.4035
40768	15423.58	16850.86	23968.93	3.541501	5.785623	0.359175	24.63958	88.0817	3.598333	1006.159	-26.6396	58.58139
40769	15304.32	17038.09	24306.23	4.289241	5.064943	0.588776	24.74865	87.80726	4.487333	1006.363	-19.2573	39.55272
40770	15528.4	17449.57	24218.79	4.253062	4.359821	1.072668	24.81288	87.00764	42.084	1006.63	-26.1061	34.70904
40771	16307.43	17030.18	28646.32	4.852742	5.60529	-1.83102	24.48799	88.39788	0	1007.571	-17.3832	54.61453
40772	15946.86	17812.35	27317.98	5.953539	6.643756	0.159434	25.89094	84.04465	0.677333	1007.627	-12.6644	62.27046
40773	15837.07	17668.1	25420.82	6.307191	8.20349	0.790841	27.19576	77.35326	0.211667	1006.049	-13.9075	76.94312
40774	15977.05	17217.7	24030.72	6.052903	6.762682	-0.18009	26.92243	78.27462	0	1004.849	-12.3287	54.67119
40775	15835.56	16899.86	22368.51	5.644526	6.953569	0.088213	26.22826	82.49493	1.312333	1005.55	-12.3409	56.60415
40776	15575.49	16683.26	21033.77	5.359643	6.565948	0.743924	26.1009	84.04906	0	1006.775	-9.59532	54.16409
40777	15566.02	16805.29	20521.24	5.988638	7.518181	1.544652	27.33594	80.83688	1.735667	1006.795	-2.05329	68.51775
40778	15175.67	16347.04	20389.38	4.753515	6.209925	1.384422	26.27236	83.84149	22.606	1005.848	-13.5078	54.5636
40779	14934.86	15904.29	23401.31	5.32551	5.919199	-0.65333	25.93278	82.54389	0	1005.543	-1.5827	53.8385
40780	15065.54	16372.86	21730.01	5.862752	6.048842	0.596046	25.25753	87.13521	6.858	1006.594	6.543895	55.21415
40781	15329.56	16457.52	21859.45	6.200945	6.309163	0.381958	26.51295	81.66719	3.979333	1008.531	2.963651	58.15033
40782	15049.91	16293.12	24408.27	6.405501	6.620527	-0.30713	27.07969	79.25528	0.592667	1007.194	-0.6201	60.65923
40783	15119.59	16639.33	23616.81	5.228373	5.348943	0.542538	24.93476	89.5084	13.462	1005.743	-9.07257	48.90806

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40784	15167.55	16690.22	25999.62	5.929793	5.852631	-0.20444	25.32563	87.17073	0	1005.849	-6.10213	51.25828
40785	15187.79	16906.97	23511.73	5.832472	5.929932	0.92493	26.02226	86.62285	6.434667	1005.384	-12.271	52.07639
40786	15340.25	16986.26	23874.93	6.846276	6.592601	0.739872	26.7551	84.51472	0	1006.088	-5.84671	57.53831
40787	15126.66	16704.65	24287.34	6.006929	5.560666	0.559252	25.59948	89.72434	10.08	1006.599	-10.0885	45.44095
40788	15332.72	16698.52	25542.23	5.441808	4.965652	-0.24854	25.31385	86.83066	37.37567	1007.273	-19.3594	42.85654
40789	15987.56	16878.42	28661.73	6.726253	5.192814	-1.61176	25.15622	87.48424	8.805333	1007.376	-3.22213	46.10356
40790	16334.77	17257.95	30910.97	7.894271	5.690363	-2.13657	25.91788	85.32698	3.471333	1006.633	0.102557	49.25659
40791	16017.45	17953.42	27050.01	7.56846	6.12381	0.504929	25.81181	82.77438	0.254	1006.373	-6.11419	50.56302
40792	15702.09	17585.67	24579.28	7.527184	7.0433	1.168475	27.0776	80.4241	0	1006.596	-10.7025	57.29954
40793	15692.99	16964.48	25091.99	5.665835	5.5021	-0.21892	25.73767	87.63344	11.259	1007.51	-16.6627	45.05367
40794	15819.74	17466.71	27330.24	6.263027	5.205637	-0.24337	25.02378	90.43865	1.820333	1008.185	-7.93654	43.85846
40795	15799.51	17740.44	25124.85	7.268414	6.752371	1.131939	27.08361	80.95354	0.254	1007.03	-9.51057	57.25771
40796	15769.36	17362.02	23769.87	7.098986	6.208706	0.81378	26.22635	85.26215	1.989667	1006.856	-3.51184	52.58716
40797	16080.18	17663.77	23643.82	6.184012	5.284513	0.686305	24.54406	91.99354	3.979333	1007.181	-6.35414	46.42564
40798	16029.03	18078.73	24163.73	6.767783	6.316033	1.650019	25.96931	87.88177	7.408333	1008.47	-9.76819	53.17982
40799	15882.89	17291.5	22992.6	6.950073	6.738389	0.64365	26.74969	83.75903	0.846667	1007.408	-11.9885	55.78041
40800	15814.93	16974.49	22052.49	6.584794	7.028879	0.51886	27.06941	82.21997	0	1006.209	-15.9591	55.70205
40801	15529.29	16801.96	20759.25	5.666187	6.52908	1.329489	26.1716	83.78951	2.370667	1007.101	-18.5384	50.64886
40802	15428.81	16685.86	20121.74	5.037156	5.898509	1.562192	26.23	83.37563	3.937	1007.268	-16.9843	47.1814
40803	15753.21	17060.82	20369.07	5.213093	6.021533	1.705942	25.04497	88.95424	0	1007.249	-15.0376	55.63834
40804	15372.68	16753.82	19928.74	5.397046	5.7962	2.117617	25.74382	85.25753	0.254	1007.455	-17.0747	44.337
40805	15015.09	16194.55	19386.23	4.548817	4.953309	1.520729	25.92097	87.17944	9.988333	1007.596	-18.6537	37.78501
40806	14948.26	16182.85	19879.54	5.372488	5.761093	1.073886	26.48299	81.00469	0	1006.594	-2.39438	49.19889
40807	15071.13	16176.65	19748.42	5.294353	6.66906	0.988344	26.52958	78.03312	0	1007.014	-6.14866	56.4629
40808	15102.59	16145.71	19389.33	5.160161	7.08612	1.173691	26.57507	80.86219	0	1007.562	-6.48432	61.28668
40809	15118.09	16257.55	19139.66	4.771224	6.257688	1.571483	26.00038	86.25865	4.318	1007.426	-3.6067	56.05909
40810	15170.94	16548.1	20369.94	4.590322	5.741286	1.16027	26.92913	84.76979	8.932333	1005.82	-12.3003	54.63208
40811	15159.77	16569.05	20617.28	4.723749	6.472152	1.2361	25.78503	88.32587	4.910667	1006.245	-25.5174	66.23159
40812	15321.44	16698.01	20504.45	4.94953	6.274359	1.305994	25.38587	89.21823	1.016	1007.001	-26.3098	60.32668
40813	15352.74	16518.65	20014.68	5.513729	7.535429	1.270535	27.35337	80.11646	0.296333	1007.145	-28.1144	70.71466
40814	15202.35	16428.52	19441.1	5.407168	8.062997	1.952883	28.13236	78.53372	0	1005.908	-34.0386	72.44378
40815	15008.69	16384.6	19052.28	5.039115	7.564812	2.761679	27.76698	79.25205	0	1004.981	-32.6371	63.57496

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40816	14845.82	16266.6	18678.12	4.48606	7.213367	3.021918	26.53674	82.76576	0	1005.109	-29.4972	60.77638
40817	14690.41	16143.94	18397.37	4.175663	6.903467	3.297204	26.0583	81.65264	0.846667	1006.098	-24.3832	58.73684
40818	14638.81	15754.64	18389.97	2.791638	5.165007	2.016839	25.32524	85.45184	47.53167	1006.682	-25.394	47.7392
40819	14459.58	15220.7	18522.23	2.179593	4.422735	0.21508	25.10927	87.26434	7.196667	1007.217	-35.6325	42.05729
40820	14663.09	15786.92	18712.71	3.417722	5.857002	1.174431	25.96104	85.78306	0.296333	1007.036	-32.8333	53.28017
40821	14734.31	15897.44	18636.3	3.524578	6.185831	1.437249	25.83868	85.81135	0	1006.5	-35.3211	54.4492
40822	14654.18	15772.06	18850.94	2.430517	4.88147	0.832386	25.04451	87.12729	9.059333	1006.083	-39.666	43.40164
40823	14744.58	16015.44	19174.91	3.453409	6.325724	1.411411	26.38451	81.44611	0	1005.443	-38.8415	53.99655
40824	14948.03	15923.53	18916.61	3.438074	6.240086	0.926681	26.11576	83.26833	0	1004.835	-39.3355	52.63336
40825	14820.15	15696.34	19051.96	2.343444	5.293156	0.550101	25.61535	84.33774	46.78	1004.688	-46.5555	47.61144
40826	14471.38	15284.03	21197.23	2.217429	4.928692	-0.34518	25.63521	86.28615	14.984	1005.32	-43.8871	43.92284
40827	14607.19	15755.74	21287.2	2.18113	4.326928	0.205489	25.47	86.58597	27.60133	1006.045	-54.0152	38.70779
40828	14804.99	15727.43	24137.52	2.399057	4.794764	-0.72174	25.36722	85.89986	36.15267	1006.626	-62.3045	42.2005
40829	15053.67	16446.08	24878.74	3.783818	6.259247	-0.20444	25.48431	85.68337	1.27	1004.942	-55.9871	51.60378
40830	14878.62	16582.43	23293.14	3.835293	5.503925	0.83909	25.29365	86.0525	13.12133	1004.683	-41.5678	43.78998
40831	15072.49	16374.68	25279.21	4.197781	5.864292	-0.37561	25.5917	84.20118	1.016	1005.819	-42.9142	49.63078
40832	14972.84	16752.27	22940.88	4.151699	5.0397	1.081135	24.33521	88.6241	6.053667	1007.39	-35.7032	42.20307
40833	15076.58	16662.18	24708.61	4.485682	5.691331	0.214782	25.01542	85.88816	0.254	1006.787	-34.5296	47.38414
40834	15038.13	16869.08	23834.35	4.423187	5.855618	0.944545	24.69806	87.25983	0	1006.998	-33.5212	47.02722
40835	15054.35	16376.14	21578.49	2.683805	4.812652	0.62863	24.94601	85.15507	74.294	1008.872	-55.1463	40.90335
40836	15211.69	15899.27	23066.39	3.26865	3.579383	-0.7437	23.48757	89.75799	31.37367	1010.31	-37.4691	32.54667
40837	15822.42	16312.48	26550.32	3.732843	3.557797	-1.66353	23.41851	89.55444	2.286	1008.865	-46.119	27.96149
40838	15707.15	16978.54	27544.97	4.911559	4.696378	-0.90258	23.98865	86.43406	3.302	1006.382	-19.1863	36.14871
40839	15693.54	17038.71	26508.28	5.01468	5.027035	-0.60332	24.70993	85.35979	8.001	1006.95	-19.3807	40.66718
40840	15795.45	16765.34	26150.66	5.537249	6.007962	-1.06623	25.08271	83.58094	0.211667	1008.376	-22.7085	47.81979
40841	15450.27	17288.63	25609.57	5.762302	7.327556	0.537425	25.97271	78.68677	0	1007.272	-28.6345	60.57587
40842	15316.24	17030.3	24122.87	5.510147	7.116897	0.770735	26.04132	79.72823	0	1004.892	-32.3361	58.17387
40843	15118.62	16130.09	22326.67	3.555254	4.245971	-0.29782	25.50542	84.6891	26.33133	1004.082	-43.6493	36.54638
40844	15773.6	16018.11	24354.77	3.690933	4.217393	-1.40748	24.92111	89.41226	33.14867	1005.044	-55.5967	34.76653
40845	16476	15911.64	27170.66	2.269054	3.088021	-2.5208	23.54962	93.63889	73.40733	1006.074	-83.2293	28.09198
40846	17219.9	17483.06	32161.08	5.903054	4.684916	-2.98669	24.32035	88.44542	8.255	1006.789	-29.2104	31.69826
40847	16777.27	17550.79	28354.93	3.991566	3.652076	-1.50813	23.78646	90.36156	20.193	1006.203	-52.6938	27.35391

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40848	16944.68	16844.67	28348.87	4.656782	4.026297	-2.35486	24.12924	89.40587	34.62533	1006.583	-48.5465	28.66387
40849	17585.22	17558.73	31656.74	5.71897	5.47952	-3.26834	25.09733	87.52858	8.128	1007.399	-47.5908	38.96524
40850	17888.59	17189.67	31329.36	5.204442	3.9506	-3.33421	24.40184	90.70424	38.23233	1007.707	-41.2716	28.94929
40851	17551.76	18284.06	30680.72	6.499012	6.265797	-2.2784	24.22059	88.03354	1.100667	1006.959	-19.1144	37.90729
40852	16769.29	18096.36	28014.48	6.66751	7.055712	-0.90183	25.00233	83.16854	0	1006.646	-10.426	49.05184
40853	16080.85	17666.38	26280.22	6.563187	6.65729	-0.09303	25.01566	85.49146	2.836333	1007.571	-18.6962	44.76615
40854	16077.36	16755.8	25041.63	5.57838	4.168711	-1.02629	24.5376	87.65212	12.48833	1007.715	-19.5745	28.1514
40855	16166.25	17021.31	26772.19	7.260086	6.15857	-1.55209	25.35583	78.52844	0	1007.422	3.613944	42.53302
40856	15803.25	17161.13	25664.94	6.716484	5.832132	-0.43737	24.78653	82.89507	12.40367	1007.08	11.21921	45.91928
40857	16508.49	16408.1	23374.7	5.995863	3.538074	-1.7573	24.07472	87.23271	75.902	1008.355	-0.71246	31.86178
40858	16716.58	17130.81	28003.31	7.36359	5.675525	-2.54825	24.96757	81.49927	0.508	1009.438	-8.66582	40.96573
40859	16255.35	17218	27133.84	6.795238	4.824405	-1.27433	24.12663	86.94628	60.079	1009.386	-0.32136	36.4344
40860	17142.72	16099.68	28492.78	2.647557	2.390477	-2.83777	22.94955	91.0558	53.34	1008.48	-71.1724	24.66501
40861	18771.12	16151.34	30791.83	4.846132	3.522703	-4.67484	22.99563	92.61424	19.21933	1007.285	-38.8648	22.90963
40862	18346.64	17467.76	30433.1	6.849592	6.314791	-4.60104	24.47097	88.15753	1.227667	1006.166	-33.8752	38.1064
40863	18708.59	17423.33	29469.89	5.978506	5.908914	-4.51398	24.90611	88.87514	6.688667	1006.09	-42.5367	43.0946
40864	18729.98	17359	30610.84	6.06499	6.266083	-4.56755	25.04104	87.6508	13.50433	1006.876	-45.2626	43.65556
40865	19817.41	16525.94	30857.26	5.029334	4.409505	-5.68483	23.51979	90.22715	12.446	1007.881	-55.7166	27.35485
40866	19080.18	17549.93	31209.47	6.318525	6.617502	-5.42374	24.3375	85.46788	1.524	1007.999	-60.9164	42.13718
40867	18609.68	18165.25	31283.47	7.203629	7.494079	-4.08755	25.1584	86.30899	6.519333	1007.961	-43.9129	51.71642
40868	19041.68	17494.53	27949.27	6.313741	5.17168	-3.25352	23.51319	93.29479	37.719	1008.665	-27.7636	39.55126
40869	19593.32	17531.41	32158.15	6.883904	7.233449	-5.60289	23.77646	89.94472	2.582333	1009.037	-39.1452	60.08888
40870	20868.68	17209.54	33150.01	6.394858	5.791816	-6.07861	23.69115	91.10514	16.764	1009.751	-33.5744	52.01261
40871	22906.09	17384.7	34422.14	5.229269	4.312134	-6.27836	23.07076	92.20937	48.34267	1009.994	-51.3947	45.00239
40872	24566.4	19468.06	39845.65	5.038817	4.80272	-7.0401	23.45997	92.34444	59.055	1008.277	-66.7704	51.3472
40873	25090.28	20490.69	38394.37	2.858594	-0.25356	-7.53167	24.12472	89.76903	22.18267	1006.785	-93.2635	-58.6154
40874	25505.04	19187.66	34260.48	2.991358	1.745883	-10.2962	24.92045	88.11934	16.93333	1005.489	-97.2232	-35.5111
40875	26069.28	19749.67	32456.03	2.255479	1.029425	-9.15599	24.04069	89.62826	11.26067	1007.19	-108.364	-48.4595
40876	25080.07	19814	33011.55	2.977482	2.091672	-8.77995	23.07097	86.17441	1.27	1009.708	-89.2506	-32.5971
40877	22638.91	19942.4	33745.28	3.850376	3.149057	-6.69676	22.70188	85.9133	2.243667	1010.149	-78.614	-17.1972
40878	21760.06	19981.69	32816.35	3.801657	3.177072	-5.33246	22.10243	88.18917	2.201333	1010.925	-67.737	-10.9148
40879	21662.85	19917.65	32129.61	4.234882	4.596711	-5.9075	23.18608	85.83354	1.016	1010.825	-69.6063	3.892997

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40880	20620.12	19661.99	31123.1	3.013911	3.926304	-3.89564	22.58451	90.73917	7.239	1009.699	-69.0205	3.270313
40881	21854.61	19016.46	32491.26	3.135419	4.766452	-6.87961	24.61181	86.17434	1.608667	1006.81	-86.8175	5.993138
40882	21907.28	19312.48	31740.07	4.091363	3.21354	-5.69921	24.02767	89.96406	13.54667	1006.49	-68.3228	-6.1224
40883	22787.19	19116.63	32203.29	4.342037	4.822507	-7.8051	23.89385	86.43729	0.211667	1007.517	-79.0233	3.847813
40884	21217.02	19366.04	31959.25	4.805447	5.151984	-6.10821	23.52781	85.90913	0	1008.81	-68.5041	8.824841
40885	20408.37	19399.4	31274.47	4.888317	4.467519	-4.79063	23.1449	87.17104	3.386667	1008.918	-54.7042	8.145922
40886	19820.34	19380.48	30850.64	5.566426	4.852508	-4.25349	24.06135	83.74361	0.211667	1008.263	-55.1407	8.394609
40887	19688.83	19524.04	28776.79	3.643332	3.069987	-2.35414	22.86927	90.27729	28.956	1008.094	-53.2528	5.641018
40888	21181.69	19822.95	26338.52	2.20097	1.983708	-1.78363	23.1926	93.04549	114.9	1007.572	-71.627	10.12426
40889	21957.78	20313.25	37794	1.461017	2.624468	-3.1974	22.30073	93.82847	116.3297	1008.619	-81.1066	34.72248
40890	21626.01	21024.33	30424.7	-12.7736	1.584164	-1.25667	22.28285	94.50972	153.792	1008.156	-312.701	28.6766
40891	23047.44	18577.79	32459.36	-5.01558	1.679453	-5.9541	23.01753	92.93819	18.49967	1007.878	-215.89	-28.8972
40892	24739.02	17980.72	32416.72	-5.30185	1.86897	-7.97442	22.85229	91.98715	23.79133	1007.859	-226.182	-23.8255
40893	25531.74	19211.27	32493.87	1.318346	2.319991	-10.5712	23.77365	86.9924	2.243667	1008.328	-131.39	-34.6918
40894	25202.38	20288.32	30726.47	-5.32516	2.930709	-6.36429	22.24649	93.43611	53.29933	1009.402	-197.331	-3.30631
40895	26425.29	19424.61	32541.28	-1.84727	2.138542	-11.1833	24.11837	83.83229	1.100667	1009.708	-167.118	-35.468
40896	24754.5	20128.73	34793.24	0.826466	2.362724	-9.3252	22.77778	86.36854	1.185333	1009.101	-132.856	-26.5389
40897	22868.92	20276.34	33825.25	1.700601	3.127373	-7.05809	23.19413	86.45021	1.608667	1007.193	-121.335	-13.9554
40898	21447.44	20300.74	33052.46	1.885167	4.153917	-5.75575	24.61455	82.39687	2.709333	1005.912	-136.373	-8.75541
40899	21787.37	20651.03	30958.37	-1.05051	2.236165	-3.51311	22.74715	93.39063	15.91733	1006.268	-144.309	-10.5757
40900	23861.81	19756.1	29846.29	-6.40496	3.380021	-5.73867	24.27361	89.83069	29.29467	1007.028	-248.281	-4.6326
40901	27047.69	19331.28	34131.15	-4.75585	3.478105	-11.5756	25.06962	85.94142	6.096	1007.781	-252.665	-13.8364
40902	25779.13	20007	37701.44	-0.45281	3.604777	-11.1571	24.03802	86.24122	6.985	1008.487	-180.333	-11.8368
40903	24973.92	20305.04	38434.84	-0.06851	4.289163	-10.1188	24.36288	85.4558	1.100667	1008.899	-179.756	-5.84242
40904	22805.11	19952.23	36489.42	2.57757	6.170317	-9.00327	24.66701	79.70983	0	1009.58	-141.774	19.69944
40905	21258.66	19822.38	34604.33	1.272953	4.737798	-6.04178	23.20274	89.97455	4.699	1010.237	-144.679	14.67946
40906	21615.17	20264.05	34547.36	0.527107	5.892868	-6.26872	24.57205	82.85326	0.211667	1009.208	-170.604	24.9122
40907	19962.48	19673.47	32683.65	0.18483	7.645763	-4.85131	24.86986	82.73247	0	1008.765	-178.951	47.29109
40908	20021.38	19891.08	31807.67	-5.13248	5.931211	-3.23463	24.05674	89.36094	12.954	1008.715	-247.18	40.61879
40909	20359.57	18964.2	33422.25	-3.59593	6.289065	-6.15536	24.80538	82.03448	4.275667	1008.718	-239.233	32.99474
40910	20669.81	19644.75	34096.3	-2.84054	5.718379	-5.35516	24.64684	84.10618	1.058333	1010.255	-225.489	28.15042
40911	20746.43	19123.63	30529.74	-4.90199	3.920929	-4.04014	23.45514	88.96427	15.79033	1012.448	-234.056	17.31032

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40912	21570.33	18744.87	30902.56	-5.92598	2.394237	-3.73535	21.04896	92.93854	41.40033	1013.142	-218.245	13.54494
40913	23182.83	18685.11	34033.47	-5.40063	2.463892	-6.03653	20.92035	90.28823	7.450667	1012.821	-229.809	-0.6933
40914	24546.49	18721.17	36496.8	-4.47191	2.812795	-7.55663	20.91573	91.62639	7.366	1010.716	-216.75	6.8349
40915	24475.11	19812.52	36530.65	-3.80762	5.713504	-10.0279	24.09892	84.68851	0.254	1009.502	-261.158	27.98389
40916	22586.61	20441.32	35639.81	-2.84479	6.538785	-7.66032	24.55924	81.24302	0	1009.321	-255.378	34.95051
40917	20436.67	19977.68	33180.39	-1.89263	6.816261	-4.71945	23.90663	83.46458	0	1008.905	-226.535	43.21615
40918	19298.52	19153.38	30721.51	-1.0999	7.246473	-4.05086	24.06358	81.00649	0	1008.322	-206.548	50.67553
40919	18330.28	18679	28380.15	0.18765	7.096282	-2.60099	23.60986	80.52844	0	1006.971	-166.952	50.81387
40920	17604.71	18306.64	26532.93	1.045272	7.278612	-1.65522	24.31976	80.34156	0	1006.48	-146.459	49.45812
40921	17135.98	17983.84	24966.15	1.437349	5.774361	-0.92851	23.84708	83.7851	0.465667	1008.534	-121.991	26.46685
40922	16802.88	17719.93	23942.72	1.56707	4.687166	-0.49676	22.63049	88.6801	3.81	1010.753	-97.5339	15.8649
40923	18149.85	18301.76	26240.88	-0.76811	4.420665	-1.65776	23.89583	86.79253	16.80633	1011.599	-123.409	30.70625
40924	17906.61	17288.5	26176.59	-3.10866	5.107621	-2.92681	24.91309	81.83229	9.398	1010.924	-186.913	30.40355
40925	18481.37	17239.1	28815.04	-1.7489	3.673895	-4.09321	23.60521	84.46326	3.048	1010.229	-161.194	12.55011
40926	18430.26	17839.47	28458.39	0.672811	4.498895	-3.93475	24.31226	79.49604	0	1008.942	-142.757	13.18915
40927	18194.5	18132.56	28059.84	0.843036	3.834047	-2.57161	22.75674	85.87903	2.963333	1009.104	-120.652	13.40203
40928	18437.56	18275.66	28145.82	1.003693	3.943133	-2.65919	22.30244	83.43981	0	1008.595	-114.617	16.20286
40929									0			
40930									0			
40931									0			
40932									0			
40933									0			
40934									0			
40935									0			
40936									0			
40937									0			
40938									0			
40939									0			
40940									0			
40941									0			
40942									0			
40943									0			

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40944										0		
40945										0		
40946										0		
40947										0		
40948										0		
40949										0		
40950										0		
40951										0		
40952										0		
40953										0		
40954										0		
40955										0		
40956										0		
40957										0		
40958										0		
40959										0		
40960										0		
40961										0		
40962										0		
40963										0		
40964										0		
40965										0		
40966										0		
40967										0		
40968										0		
40969										0		
40970										0		
40971										0		
40972										0		
40973										0		
40974										0		
40975										0		

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
40976										0		
40977										0		
40978										0		
40979										0		
40980										0		
40981										0		
40982										0		
40983										0		
40984										0		
40985										0		
40986										0		
40987										0		
40988										0		
40989										0		
40990										0		
40991										0		
40992										0		
40993										0		
40994										0		
40995										0		
40996										0		
40997										0		
40998										0		
40999										0		
41000										0		
41001										0		
41002										0		
41003										0		
41004										0		
41005										0		
41006										0		
41007										0		

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41008										0		
41009										0		
41010										0		
41011										0		
41012										0		
41013										0		
41014										0		
41015										0		
41016										0		
41017										0		
41018										0		
41019										0		
41020										0		
41021										0		
41022										0		
41023										0		
41024										0		
41025										0		
41026										0		
41027										0		
41028										0		
41029										0		
41030										0		
41031										0		
41032										0		
41033										0		
41034										0		
41035										0		
41036										0		
41037										0		
41038										0		
41039										0		

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41040										0		
41041										0		
41042	14854.32	15513.88	17558.33	1.596581	4.150885	0.850989	25.58441	88.33902	13.923	1005.853	-45.9054	29.96481
41043	14987.65	15169.04	18430.81	0.720491	3.754972	-0.66373	26.08115	85.62788	49.35433	1005.165	-57.2007	27.70419
41044	15264.96	15366.62	18827.94	0.752601	3.661265	-0.71491	25.39424	86.53556	97.33233	1006.102	-64.1255	24.18208
41045	15855.75	15561.05	19436.07	1.518616	4.182412	-1.78063	26.43563	82.72719	0	1006.534	-77.1863	23.38097
41046	15335.74	15877.74	19453.75	2.374298	4.907537	-0.27755	26.71351	81.6059	0	1005.76	-61.6014	30.40391
41047	15129.85	15806.41	19096.51	2.836172	5.41072	0.15947	27.33094	79.78226	0	1004.987	-52.0522	33.94107
41048	14964.18	15612.87	18552.83	2.84487	5.145939	0.272122	26.88288	82.48639	2.794	1004.514	-46.1468	30.62028
41049	14949.1	15530.62	18501.34	1.785573	4.170236	0.264498	25.87757	84.94358	14.18167	1005.443	-57.9023	24.76101
41050	15461.51	15521.46	19587.81	1.170347	3.563469	-1.11301	25.70729	85.77003	3.090333	1006.519	-62.9814	23.14986
41051	15388.46	15897.81	19625.08	1.940556	4.270041	-0.38982	26.01778	84.60792	0.254	1006.68	-59.4541	27.33851
41052	15290.62	15838.3	19724.97	1.725153	4.402308	-0.12803	26.95035	80.65208	10.20233	1005.855	-66.9989	28.43149
41053	16527.55	15359.85	20257.16	-0.45248	3.63421	-2.66268	25.78556	88.21118	57.52967	1006.461	-95.514	26.26317
41054	17166.94	15873.35	21387.22	0.552019	4.591261	-3.52531	26.46851	85.62552	23.70667	1006.877	-93.3348	29.66014
41055	16653.83	16351.38	21726.08	0.932174	4.266276	-2.07242	25.38347	85.19451	4.106333	1006.484	-82.5951	24.67948
41056	16322.69	16399.68	21371.36	0.974518	4.643339	-1.46077	25.89056	83.2234	7.239	1005.703	-77.1911	29.04921
41057	17025.92	16052.54	22012.03	1.021913	5.016891	-3.23317	26.80993	85.1909	3.767667	1005.424	-84.3763	36.5424
41058	16276.43	16462	21367.33	1.209021	4.837913	-1.10194	27.1142	82.49212	102.79	1005.458	-84.5435	30.07446
41059	17614.15	16404.16	24652.84	1.539338	2.75976	-4.20866	26.34434	84.57698	0.211667	1005.515	-61.209	6.960373
41060	16850.06	16539.51	22124.73	0.776553	4.145274	-1.74016	25.89295	84.26108	56.816	1006.007	-74.101	25.28597
41061	17438.18	16568.72	22910.95	2.027868	4.518019	-3.44639	27.08417	80.25806	0	1007.244	-63.2996	21.49416
41062	16389.05	16818.92	21476.3	2.629256	5.086192	-0.9526	26.88528	82.4799	0.804333	1007.856	-59.7117	29.23058
41063	16031.09	16669	20803.77	2.366439	5.309514	-0.33242	26.47333	83.12462	0	1007.322	-79.7096	31.1729
41064	15805.65	16442.91	20235.06	2.277375	5.6307	-0.19646	25.67785	87.04198	0.592667	1006.344	-77.0262	39.48467
41065	15667.08	16302.93	19855.11	2.6666	7.199302	-0.08309	27.23892	81.71049	0	1005.148	-73.5037	61.06907
41066	15397.7	16111.9	19381.8	2.650933	7.276846	0.26613	26.85389	83.74167	0	1005.87	-66.5417	63.207
41067	15362.22	15977.72	19015.37	2.671701	6.273722	0.104717	26.53615	85.89049	3.175	1005.806	-58.4781	54.04115
41068	15671.88	16175.55	19048.13	1.505011	4.849798	-0.09929	26.08097	88.63354	8.89	1004.947	-75.3802	44.38003
41069	16063.71	16501.05	20066.35	0.907919	4.639372	-0.3463	24.59941	90.16625	4.360333	1004.983	-76.5691	45.02504
41070	16003.65	16558.68	20539.78	1.704212	5.711197	-0.36152	26.16184	84.93097	5.588	1005.521	-74.5612	51.96998
41071	16596.78	15950.68	20871.32	-0.07105	3.718796	-1.67167	24.45635	92.30451	63.54033	1006.768	-91.4395	38.21549

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41072	19162.79	15622.53	23704.98	-1.07295	2.952297	-4.58033	23.04962	93.35278	28.45133	1006.478	-107.473	24.8755
41073	17802.98	16421.44	22263.47	1.52196	5.107864	-3.77784	24.38333	87.06253	0	1006.904	-90.6167	38.22433
41074	16447.56	16390.51	21513.65	2.44871	6.491741	-2.07898	26.20934	81.33778	0.254	1007.255	-68.798	55.16504
41075	15766.92	16026.78	20526.54	2.399334	6.28389	-1.27163	25.69927	84.87521	0	1007.477	-62.5719	53.29191
41076	15579.53	15924.49	20046.03	2.204343	5.951474	-0.9658	24.91892	88.14931	0	1006.916	-60.5839	50.02941
41077	15591.07	15782.5	20612.66	1.556688	5.651555	-1.04072	26.11677	83.90611	86.31733	1005.87	-69.9882	50.52385
41078	17010.52	15629.29	31554.71	23.38669	5.095952	-7.36317	26.32382	83.29503	1.693333	1005.475	304.358	45.49391
41079	16315.11	16181.25	25966.9	18.3438	6.898841	-4.1993	27.55354	80.34667	0	1006.481	202.046	61.68304
41080	15878.49	16084.44	23862.76	12.48706	6.958718	-3.13793	28.12476	79.82403	0.296333	1006.737	102.3164	57.52196
41081	15530.14	15844.64	22824.17	11.83228	7.257678	-2.65919	27.78083	78.58264	0.296333	1006.074	91.15356	61.61662
41082	15405.39	15456.11	22102.55	11.69405	5.673516	-2.10548	25.90479	82.1159	18.335	1005.682	114.3887	49.74537
41083	16213.58	15224.36	23380.2	14.09303	5.344168	-3.64641	26.12083	80.69003	20.53167	1007.84	167.362	50.07974
41084	16589.34	15617.59	24280.33	17.6542	7.201924	-4.63981	27.50944	78.43899	0.296333	1008.692	204.9683	64.44091
41085	15917.74	15927.49	24083.8	17.50857	7.186071	-3.33659	27.32375	78.35538	0	1006.63	190.7337	59.25998
41086	15597.15	15882.41	23513.09	13.93489	6.915609	-2.64084	26.27	82.15243	0	1006.506	134.1794	56.44814
41087	15424.13	15808.3	22736.74	15.9499	6.948349	-2.21255	25.94253	82.10361	2.116667	1008.398	148.6864	58.22504
41088	15373.49	15757.31	22220.89	15.70103	7.482582	-2.30104	27.24715	77.30906	0.211667	1009.212	147.4043	60.48087
41089	15848.15	15213.06	23348.71	7.736237	4.581309	-3.11461	25.54792	83.04882	13.12333	1008.278	70.71475	36.79161
41090	15799.81	15720.47	24190.49	9.924058	6.067267	-3.17328	25.66587	81.6317	0	1007.85	91.33412	49.00876
41091	15601.14	15768.45	23564.23	9.205705	6.135841	-2.53506	24.65125	86.79792	14.94367	1008.068	83.76131	53.13835
41092	16346.12	15223.99	24645.16	10.00372	5.730062	-4.08768	25.96719	84.86236	20.574	1007.474	101.8327	52.6232
41093	17198.24	15218.64	25884.08	10.88113	5.915298	-5.18906	25.24042	88.55108	3.471333	1007.24	112.3919	54.19386
41094	16610.7	15817.23	25294.57	11.15129	6.143678	-4.39528	25.14059	88.57906	3.048	1006.35	108.5953	49.25104
41095	16881.64	15744.62	25926.61	8.907677	5.101979	-3.72389	23.6201	91.2009	8.974667	1006.796	86.96714	45.85811
41096	17434.3	15208.58	26852.85	9.974835	5.692985	-5.08124	24.00274	88.59878	20.23533	1006.513	101.2536	48.89773
41097	17370.08	15666.62	27120.33	12.18646	6.788198	-5.58434	25.44188	86.36448	7.958667	1006.48	124.4482	60.9397
41098	18635.12	15186.14	27898.28	11.21839	6.203304	-6.58917	24.58941	89.94632	17.486	1006.39	115.7686	58.36736
41099	18328.29	15692.12	28422.69	13.21374	6.409776	-7.14192	25.1975	87.81913	1.312333	1006.65	137.3516	55.15325
41100	17350.93	16130.18	27290.17	13.58813	7.067472	-5.67377	25.33472	88.43576	0.973667	1006.293	139.7909	62.07636
41101	17446.7	15891.58	26992.45	12.31065	6.494645	-5.17812	25.0575	89.03719	4.106333	1006.776	127.7269	60.10218
41102	17403.33	16061.54	27085	13.49655	6.937213	-5.542	26.81399	82.12306	14.986	1006.47	137.8746	59.64924
41103	18037.51	15680.59	27394.7	13.25178	6.69251	-6.53182	25.7776	85.23462	0	1007.54	135.6716	57.25941

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41104	17840.41	15587.4	27620.13	12.92622	6.293811	-6.52492	25.99639	79.87639	8.847667	1008.5	128.3409	51.3571
41105	18414.09	15466.19	28690.35	12.72611	5.419621	-6.12621	24.05792	91.43021	19.76967	1008.772	138.7008	51.46241
41106	18800.94	15810.37	28980.3	14.93234	6.426134	-7.26718	25.08177	90.74264	5.672667	1007.431	161.3615	59.4396
41107	18160.34	16348.04	28589.24	22.33048	8.074125	-7.53017	27.28792	80.47681	0	1006.702	232.3341	75.06262
41108	17508.43	16690.83	26876.29	22.49462	8.490776	-5.09598	25.54351	87.99247	1.651	1006.884	235.6561	107.1807
41109	18933.5	15994.12	27912.43	18.57224	4.54845	-5.32597	23.89132	92.52118	23.876	1008.114	190.8471	48.18351
41110	22727.01	15310.92	30514.81	16.05635	4.527962	-9.99496	25.02163	89.31438	20.27767	1007.175	59.64916	46.81017
41111	23369.33	15884.59	31477.59		5.499091	-12.0247	24.53069	88.74649	6.646333	1007.009		55.95569
41112	21715.69	16149.21	31291.94		5.169586	-9.91788	24.59597	89.55503	36.496	1007.962		49.06182
41113	21466.2	16400.39	31187.55		6.403438	-10.9656	26.13219	86.14771	6.731	1008.738		62.0007
41114	22689.01	15869.21	32191.39		4.227133	-9.7764	24.1459	92.41319	33.56833	1009.091		39.67066
41115	23855.09	16634.26	32881.02		6.448306	-13.7954	25.53823	87.07101	4.783667	1008.079		63.28544
41116	20684.64	18198.2	31024.25		8.002646	-9.2435	27.30337	81.86604	2.667	1006.595		74.59399
41117	22556.11	40809.73	37201.33		3.532447	19.0117	24.66552	93.23056	65.45067	1007.018		36.03572
41118	26539.11	45613.57	39364.31		5.45704	26.26075	25.78854	86.99712	11.72633	1008.156		51.71277
41119	27372.99	36955.35	35777.18		4.322385	8.94732	23.49375	91.94028	35.73167	1009.117		41.97194
41120	23195.96	30901.2	30525.99		6.668169	11.84883	25.13837	85.49778	0.211667	1009.103		58.55877
41121	21413.17	28370.49	27940.56		5.594734	9.868455	24.58122	86.76313	7.747	1009.19		53.39053
41122	21100.29	28970.97	28949.05		7.112416	13.47654	26.20733	82.03045	0	1008.817		68.29201
41123	21557.76	29630.48	29533.87		5.621965	10.40135	25.05247	89.02844	9.609667	1008.345		55.14163
41124	20663.25	28847.71	29154.67		7.613557	14.39214	26.36319	81.30882	0	1007.561		70.27537
41125	19264.78	27645.56	28193.3		7.786837	15.83689	25.68701	83.69608	0	1007.199		73.74868
41126	18464.3	26597.24	27325.68		8.8788	18.36337	27.38618	77.4959	0	1007.527		84.32742
41127	17507.7	25033.99	25942.45		8.934407	18.01858	27.01726	77.86799	2.582333	1006.566		84.14378
41128	17185.79	23967.53	24787.29		8.300905	16.63255	26.7609	80.71906	0	1005.795		81.50603
41129	17034.05	23895.09	24362.32		7.202099	13.97385	26.30826	83.51639	25.019	1006.088		70.20559
41130	18027.17	26110.19	26209.29		6.616807	13.74037	25.75181	85.29597	0	1005.465		66.20821
41131	18562.38	27636.94	27397.02		5.040825	11.62979	25.13781	88.10698	11.51467	1006.912		50.59964
41132	19675.78	28200.9	28077.8		6.692029	14.23384	26.55385	82.38212	0	1007.288		66.45337
41133	18189.02	27520.78	28076.58		6.504338	16.71591	25.35299	89.03632	0.508	1007.51		65.64941
41134	17812.19	26662.12	27275.8		7.372945	18.84149	27.06715	78.59406	2.963333	1007.738		73.63826
41135	18171.81	27335.97	27469.45		5.16033	12.91368	25.03156	86.54351	15.83267	1007.46		51.08822

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41136	18590.38	28333.75	28237.43	5.241273	14.31754	25.14316	84.37024	63.97433	1007.667		51.40405	
41137	20500.19	30922.9	30490.07	4.995802	14.43213	25.43885	86.9792	1.016	1008.93		49.45337	
41138	19879.66	30566.13	30494.63	4.76721	14.26002	24.51299	91.93194	6.942667	1008.896		48.37111	
41139	19503.05	29911.08	30298.16	6.439821	17.8508	25.8766	81.65813	0	1008.552		61.61535	
41140	18241.76	27581.54	28411.4	6.921862	18.12629	25.74222	80.23615	0	1009.521		66.35908	
41141	17569.75	26053.81	26893.15	6.864217	17.70582	25.50493	82.59639	0	1008.803		65.66325	
41142	17372.29	25116.46	25759.95	6.217775	16.05102	25.62278	84.50438	6.688667	1007.891		62.02963	
41143	18218.05	26774.61	26936.85	4.70789	12.62027	24.64566	88.61132	11.59767	1008.363		49.21729	
41144	26979.03	39058.54	35236.05	5.574897	18.82307	25.30285	85.71826	1.27	1007.262		56.01854	
41145	25565.87	32183.91	31999.84	7.453842	13.07578	26.88767	77.16997	0	1005.375		73.12811	
41146	19474.25	24104.28	25618.95	6.377938	8.905116	26.55038	79.87128	55.20433	1004.473		62.15221	
41147	19723.35	24495.09	25490.35	5.612052	7.324099	26.28132	81.6216	4.106333	1005.64		55.46327	
41148	22279.05	28469.95	29612.14	7.058468	11.31964	27.40806	79.10243	0	1006.47		69.742	
41149	21656.4	27978.9	29376.9	6.435272	11.39561	25.4408	89.26785	0.550333	1006.559		62.49151	
41150	20593.63	26821.07	28415.53	6.681846	11.82509	25.7349	87.38313	2.963333	1005.966		66.52248	
41151	21609.07	26238.06	27166.23	4.73964	6.767223	24.66281	90.02094	25.91033	1007.103		45.54861	
41152	21253.35	27102.82	28326.59	5.426828	8.460959	24.80705	88.21587	1.058333	1008.487		52.04768	
41153	20896.07	27044.62	28510.25	7.087507	11.54771	26.84448	79.84795	0	1008.253		67.64902	
41154	20926.25	26818.41	28096.51	7.320687	12.02143	26.4326	83.09559	0	1008.529		69.8267	
41155	21554.19	26758.92	27566.78	5.669162	8.968106	24.74646	88.71795	7.112	1009.702		57.39431	
41156	22233.11	27890.57	28654.89	6.101902	9.950092	25.93747	84.81938	2.116667	1009.105		61.1049	
41157	21633.26	27543.24	28581	6.883242	11.0282	26.16715	81.52274	0	1008.202		66.24411	
41158	22407.84	27891.11	28743	6.240303	8.653378	26.71816	81.95385	7.493	1007.757		61.57983	
41159	26674.16	35491.48	33820.51	4.93013	12.87547	25.43347	87.86559	28.87433	1007.361		47.28842	
41160		30617.28	31511.23	6.325075		25.85892	83.71229	0	1006.843		56.76885	
41161		25460.18	27755.69	6.289546		25.75861	84.97069	5.334	1008.514		52.45561	
41162		27072.56	29064.18	6.193653		25.51545	86.74667	0	1008.788		54.39338	
41163		27386.54	29479.52	4.152992		23.39052	92.35931	28.19733	1008.684		36.77849	
41164		24359.45	27729.06	6.591034		26.33201	79.0566	0	1007.312		56.55994	
41165		25043.59	27908.8	6.696011		25.3784	86.12062	1.354667	1006.686		55.40308	
41166	37054.31	24881.42	27219.27	6.233897	-41.4517	25.19757	87.63524	2.836333	1007.475		52.91681	
41167	19591.72	25694.16	27619.44	5.609673	-24.3416	25.94389	86.58153	3.048	1007.999		50.91138	

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41168		26005.12	28176.59		5.799753		26.15944	84.75274	3.132667	1008.204		50.54245
41169		26057.39	27992.71		5.232417		25.60618	88.07958	7.535333	1008.511		44.31974
41170	43467.5	25616.27	28125.83	78.02144	5.963155	-46.922	25.94986	83.99875	0	1008.758	982.1844	49.26674
41171							26.51174	79.70503	0	1008.106		
41172							27.13521	76.96219	0.254	1006.192		
41173							25.44809	84.20833	1.227667	1005.262		
41174							25.41337	84.96792	12.35667	1006.458		
41175							25.51281	86.42139	0.254	1007.765		
41176							23.21719	92.19097	41.82933	1007.592		
41177							25.60181	82.59361	0	1007.244		
41178							25.86892	84.87958	0	1007.118		
41179							25.60625	84.63316	7.154333	1007.321		
41180							25.82701	83.15372	0.211667	1006.724		
41181							25.7291	84.10653	11.00667	1005.975		
41182							25.71208	85.10358	39.414	1005.741		
41183							25.57615	85.08503	2.836333	1005.639		
41184							26.58031	84.52403	0.508	1006.976		
41185							24.64156	89.56587	9.821333	1008.02		
41186							23.96462	88.92288	5.037667	1008.975		
41187							23.15719	91.39253	8.720667	1007.599		
41188							25.14882	81.87264	0.296333	1005.724		
41189							25.80378	80.75486	0	1005.826		
41190							23.6442	89.91253	4.572	1007.653		
41191							25.40236	84.67663	3.090333	1007.777		
41192							24.05559	91.03056	1.439333	1008.166		
41193							25.99094	83.64535	0.211667	1008.221		
41194							26.31201	84.02194	0	1007.487		
41195							25.98229	83.12809	0	1006.68		
41196							24.71722	88.02094	10.32933	1007.142		
41197							24.71847	86.68076	3.513667	1006.487		
41198							25.30569	83.02757	0.296333	1006.206		
41199							26.17847	78.57861	20.193	1006.37		

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41200							25.64347	83.44413	2.921	1006.222		
41201							25.55045	84.15951	4.868333	1005.64		
41202							26.02451	82.75413	74.62567	1004.884		
41203							26.05101	85.09493	1.862667	1004.696		
41204							26.39142	83.01688	0.296333	1003.512		
41205							27.13705	78.52264	0	1001.853		
41206							25.13733	85.10997	4.783667	1002.432		
41207							25.0508	87.28337	0.762	1004.157		
41208							25.92149	83.36597	18.887	1005.409		
41209							25.63319	86.79514	1.947333	1005.973		
41210							25.61583	82.42226	0.296333	1007.269		
41211							22.55722	92.68924	12.86933	1008.965		
41212							23.73427	86.54038	11.51467	1009.857		
41213							22.65066	91.50903	25.69633	1010.385		
41214							23.6076	89.63056	13.92767	1008.961		
41215							24.00729	90.70764	8.043333	1007.883		
41216							23.48101	91.2309	1.185333	1008.011		
41217							24.99549	87.24427	1.016	1007.338		
41218							25.80924	82.2576	0	1006.626		
41219							25.99434	80.9908	8.678333	1007.033		
41220							24.07733	88.87615	14.68967	1008.182		
41221							23.30354	92.09896	44.196	1008.972		
41222							22.19535	93.54514	110.574	1008.458		
41223							24.39552	86.87962	16.891	1007.774		
41224							24.98698	86.42674	5.291667	1007.39		
41225							24.66951	87.45792	0.211667	1007.707		
41226							24.1417	91.85503	49.788	1007.995		
41227							23.93115	91.04625	20.65867	1009.022		
41228							24.21563	84.22174	9.482667	1009.264		
41229							23.19253	86.49382	46.85633	1008.772		
41230							23.54813	91.22708	68.74833	1009.711		
41231							23.99632	85.15712	17.18333	1010.998		

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41232							22.91833	87.31733	7.323667	1009.538		
41233							22.57351	91.52187	76.796	1007.974		
41234							22.87767	93.24132	44.914	1008.917		
41235							22.5274	92.12882	9.228667	1010.317		
41236							22.03615	91.22743	7.450667	1010.68		
41237							21.81441	86.76813	3.979333	1010.851		
41238							21.58281	91.3434	15.70567	1010.274		
41239							23.1374	91.87462	51.35033	1008.774		
41240							25.3999	88.4524	10.414	1007.876		
41241							24.45955	91.57288	55.37867	1009.49		
41242							23.28851	91.51983	31.41133	1010.359		
41243							23.90108	91.1684	7.535333	1009.554		
41244							23.79042	89.04184	0.254	1009.763		
41245							23.24979	90.68931	14.68967	1010.041		
41246							24.41958	84.76125	0.465667	1009.187		
41247							24.46778	83.75816	0	1009.553		
41248							24.98472	83.44924	1.27	1009.056		
41249							23.68826	88.10087	0.254	1007.68		
41250							23.46413	89.58608	19.26167	1007.034		
41251							22.99215	90.37958	0.973667	1007.463		
41252							23.81823	85.48205	5.588	1007.521		
41253							26.17115	84.19976	1.947333	1005.684		
41254							26.74382	83.57792	10.795	1005.912		
41255							25.38163	86.30934	10.287	1007.997		
41256							24.90333	84.60517	4.614333	1008.892		
41257							23.15917	89.54101	29.377	1009.266		
41258							23.19639	91.20313	11.38767	1008.492		
41259							24.1641	84.73507	0.296333	1007.384		
41260							24.13906	84.98552	0	1006.944		
41261							25.28087	80.40094	3.513667	1007.03		
41262							25.22559	80.45285	0.211667	1007.168		
41263							23.83566	88.99858	30.06133	1007.386		

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41264							22.82024	92.92951	67.05367	1009.011		
41265							23.33069	90.49288	14.52033	1009.319		
41266							22.20899	93.78056	53.42467	1008.753		
41267							23.21417	91.09934	32.42733	1007.86		
41268							23.58531	92.01632	5.969	1006.604		
41269							25.98983	83.96979	1.058333	1005.554		
41270							24.45747	92.44306	44.78867	1005.689		
41271							24.11931	92.68368	52.95667	1005.514		
41272							25.15483	89.75698	12.36133	1006.938		
41273							23.93205	90.61597	40.72467	1009.144		
41274							24.61406	85.68517	0.677333	1008.269		
41275							23.99812	87.05826	3.979333	1007.775		
41276							24.35212	82.7876	0	1007.03		
41277							23.90267	85.90674	0.804333	1008.419		
41278							24.42226	82.8766	0	1008.978		
41279							24.99177	81.81865	2.413	1008.871		
41280							25.0333	79.34153	0	1007.627		
41281							25.12313	79.12799	0	1006.783		
41282							25.9301	79.02733	0	1005.556		
41283							25.75844	80.01691	8.001	1007.046		
41284							24.40986	89.25656	13.716	1008.212		
41285							25.01149	80.57174	0.296333	1007.443		
41286							24.97542	80.12229	0	1007.2		
41287							24.56017	77.86767	0.762	1007.593		
41288							25.05816	79.45944	0.296333	1008.312		
41289							24.42795	78.48531	0	1007.465		
41290							24.04802	82.89069	0	1007.619		
41291							24.35354	84.25403	3.217333	1009.5		
41292							23.21139	87.86069	3.386667	1010.874		
41293							23.91229	83.25191	2.286	1009.868		
41294							24.38056	82.32653	0	1009.088		
41295							25.00566	80.77837	2.074333	1008.781		

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41296							25.31535	80.40326	3.979333	1009.887		
41297							24.69787	79.08862	8.043333	1012.006		
41298										0		
41299										0		
41300										0		
41301										0		
41302										0		
41303										0		
41304										0		
41305										0		
41306										0		
41307										0		
41308										0		
41309										0		
41310										0		
41311										0		
41312										0		
41313										0		
41314										0		
41315										0		
41316										0		
41317										0		
41318										0		
41319										0		
41320										0		
41321										0		
41322										0		
41323										0		
41324										0		
41325										0		
41326										0		
41327										0		

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41328										0		
41329										0		
41330										0		
41331										0		
41332										0		
41333										0		
41334										0		
41335										0		
41336										0		
41337										0		
41338										0		
41339										0		
41340										0		
41341										0		
41342										0		
41343										0		
41344										0		
41345										0		
41346										0		
41347										0		
41348										0		
41349										0		
41350										0		
41351										0		
41352										0		
41353										0		
41354										0		
41355										0		
41356										0		
41357										0		
41358										0		
41359										0		

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41360										0		
41361										0		
41362										0		
41363										0		
41364										0		
41365										0		
41366										0		
41367										0		
41368										0		
41369										0		
41370										0		
41371										0		
41372										0		
41373										0		
41374										0		
41375										0		
41376										0		
41377										0		
41378										0		
41379										0		
41380										0		
41381										0		
41382										0		
41383										0		
41384										0		
41385										0		
41386										0		
41387										0		
41388										0		
41389										0		
41390										0		
41391										0		

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41392										0		
41393										0		
41394										0		
41395										0		
41396										0		
41397										0		
41398										0		
41399										0		
41400										0		
41401										0		
41402										0		
41403										0		
41404										0		
41405										0		
41406										0		
41407										0		
41408										0		
41409										0		
41410										0		
41411										0		
41412										0		
41413										0		
41414										0		
41415										0		
41416										0		
41417										0		
41418										0		
41419										0		
41420										0		
41421										0		
41422										0		
41423										0		

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41424										0		
41425										0		
41426										0		
41427										0		
41428										0		
41429										0		
41430										0		
41431										0		
41432										0		
41433										0		
41434										0		
41435										0		
41436										0		
41437										0		
41438										0		
41439										0		
41440										0		
41441										0		
41442										0		
41443										0		
41444										0		
41445										0		
41446										0		
41447										0		
41448										0		
41449										0		
41450										0		
41451										0		
41452										0		
41453										0		
41454										0		
41455										0		

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41456										0		
41457										0		
41458										0		
41459										0		
41460										0		
41461										0		
41462										0		
41463										0		
41464										0		
41465										0		
41466										0		
41467										0		
41468										0		
41469										0		
41470										0		
41471										0		
41472										0		
41473										0		
41474										0		
41475										0		
41476										0		
41477										0		
41478										0		
41479										0		
41480										0		
41481										0		
41482										0		
41483										0		
41484										0		
41485										0		
41486										0		
41487										0		

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41488										0		
41489										0		
41490										0		
41491										0		
41492										0		
41493										0		
41494										0		
41495										0		
41496										0		
41497										0		
41498										0		
41499										0		
41500										0		
41501										0		
41502										0		
41503										0		
41504										0		
41505										0		
41506										0		
41507										0		
41508										0		
41509										0		
41510										0		
41511										0		
41512										0		
41513										0		
41514										0		
41515										0		
41516										0		
41517										0		
41518										0		
41519										0		

MS_LocalTime	CO2_2_No	CO2_8_No	CO216_No	Flux_Node1	Flux_Node2	Flux_Node3	Air_T	RH	Precip	Pressure	Prod_Node1	Prod_Node2
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41520										0		
41521										0		
41522										0		
41523										0		
41524										0		
41525										0		
41526										0		
41527										0		
41528										0		
41529										0		
41530										0		
41531										0		
41532										0		
41533										0		
41534										0		
41535										0		
41536										0		
41537										0		
41538										0		
41539										0		
41540										0		
41541										0		
41542										0		
41543										0		
41544										0		
41545										0		
41546										0		
41547										0		
41548										0		
41549										0		
41550										0		
41551										0		

MS_LocalTi	CO2_2_No	CO2_8_No	CO216_No	Flux_Node	Flux_Node	Flux_Node	Air_T	RH	Precip	Pressure	Prod_Node	Prod_Node
local time	ppm	ppm	ppm	micro mol	micro mol	micro mol	deg C	%	mm	hPa	micro mol	micro mol
41552										0		
41553							33.15	59.3		0	1003.825	
41554										0		
41555										0		
41556										0		
41557										0		
41558										0		
41559										0		
41560										0		
41561										0		
41562										0		
41563										0		
41564										0		
41565	20775.83	20946.41	25689.57	-0.06338	0.069923	0.295464	26.30181	82.97748		0	1006.217	0.141618 0.378272
41566							25.48184	83.29431	1.312333		1006.559	
41567							25.35403	84.90444	0.254		1006.707	
41568							24.81344	88.47361	61.72233		1007.331	
41569							25.10344	87.0241	50.79933		1006.237	
41570							25.02743	86.78757		0	1005.334	
41571		28642.7	25728.57	-1.99607			24.89944	89.53861	13.97		1006.302	-23.3126
41572		20.74609	101.4063	0.253643			25.5233	87.20372	28.83233		1006.557	3.381135
41573							25.23913	86.57233	22.181		1006.237	
41574							25.8825	84.07899	21.04433		1006.232	
41575							26.14962	85.67017	1.778		1006.599	

MS_LocalTiProd_Node3

local time micro mol m-3 s-1

40304	77.33494
40305	64.64456
40306	48.5418
40307	20.58788
40308	3.737519
40309	0.015416
40310	0.040512
40311	0.001237
40312	0.004284
40313	0.029843
40314	0.05366
40315	-0.00712
40316	-0.02391
40317	-0.00549
40318	-0.01393
40319	0.029748
40320	-0.00564
40321	0.00878
40322	0.035081
40323	0.043603
40324	0.013535
40325	0.045243
40326	0.046609
40327	0.019883
40328	0.034602
40329	0.74084
40330	28.16369
40331	17.04997
40332	46.15681
40333	21.2438
40334	7.352496
40335	5.520115

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

40336	11.88677
40337	39.29235
40338	59.54155
40339	46.82896
40340	33.25436
40341	17.13368
40342	0.114647
40343	0.068174
40344	0.010966
40345	0.021948
40346	1.795525
40347	6.884586
40348	8.763192
40349	6.705046
40350	-8.34487
40351	-2.70849
40352	-12.8245
40353	-0.00263
40354	0.052551
40355	-15.7966
40356	-0.69081
40357	-8.07738
40358	-46.8778
40359	-27.2134
40360	-29.7865
40361	-18.9369
40362	-13.1805
40363	-74.3881
40364	-84.1467
40365	-66.7211
40366	-80.2741
40367	-91.5644

MS_LocalTiProd_Node3

local time micro mol m-3 s-1

40368	-39.0827
40369	3.782625
40370	4.500716
40371	4.251139
40372	3.741239
40373	4.362577
40374	3.292266
40375	4.509435
40376	4.371843
40377	4.119731
40378	4.762684
40379	3.970988
40380	4.623642
40381	5.535124
40382	5.908453
40383	6.287134
40384	5.609433
40385	5.025675
40386	4.526003
40387	5.217975
40388	5.346504
40389	3.882492
40390	3.519575
40391	4.50503
40392	4.498211
40393	4.327696
40394	4.586302
40395	4.385015
40396	4.828254
40397	3.815447
40398	4.532732
40399	5.053779

MS_LocalTiProd_Node3

local time micro mol m-3 s-1

40400 5.70615

40401 5.424326

40402 5.858598

40403 5.443799

40404

40405

40406

40407

40408

40409

40410

40411

40412

40413

40414

40415

40416 142.7717

40417 -54.0495

40418 -5.1961

40419 -108.233

40420 -86.747

40421 -78.3987

40422 -47.0267

40423 -60.5526

40424 -69.3327

40425 -133.432

40426 -116.432

40427 -80.1147

40428 -116.292

40429 -94.5499

40430 -113.241

40431 -102.683

MS_LocalTiProd_Node3

local time micro mol m-3 s-1

40432	-97.9518
40433	-77.2616
40434	-54.1801
40435	-58.9019
40436	-72.6412
40437	-104.847
40438	-78.3548
40439	-58.6258
40440	-43.7829
40441	-51.1061
40442	-69.3373
40443	-53.0108
40444	-48.3031
40445	-82.0915
40446	-64.462
40447	-60.6668
40448	-49.0923
40449	-15.8282
40450	-43.5997
40451	-106.863
40452	-108.363
40453	-85.7729
40454	-91.3858
40455	-124.339
40456	-68.9353
40457	-117.66
40458	-110.369
40459	-103.356
40460	-116.71
40461	-119.483
40462	-122.997
40463	-83.9391

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

40464	-72.8479
40465	-88.5549
40466	-99.438
40467	-93.0286
40468	-81.951
40469	-108.47
40470	-136.145
40471	-138.747
40472	-102.115
40473	-135.308
40474	-154.989
40475	-128.018
40476	-149.008
40477	-154.319
40478	-143.985
40479	-138.003
40480	-129.778
40481	-79.359
40482	-132.181
40483	-131.804
40484	-212.17
40485	-150.683
40486	-183.541
40487	-47.0608
40488	-151.871
40489	-176.44
40490	-178.273
40491	-160.564
40492	-164.786
40493	-130.088
40494	-167.697
40495	-144.744

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

40496	-193.488
40497	-183.59
40498	-156.984
40499	-167.213
40500	-159.647
40501	-146.276
40502	-121.833
40503	-121.576
40504	-177.384
40505	-175.502
40506	-216.945
40507	-204.455
40508	-205.293
40509	-125.458
40510	-236.407
40511	-168.22
40512	-131.564
40513	
40514	-1.66036
40515	-8.13303
40516	-69.8675
40517	-111.022
40518	-148.339
40519	-158.285
40520	-204.543
40521	-199.21
40522	-184.136
40523	-243.586
40524	-215.844
40525	-201.432
40526	-199.439
40527	-216.374

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

40528	-192.424
40529	-212.291
40530	-272.6
40531	-270.607
40532	-155.606
40533	-224.401
40534	-164.313
40535	-228.739
40536	-163.277
40537	-152.408
40538	-159.034
40539	-140.254
40540	-135.417
40541	-209.966
40542	-223.1
40543	-252.423
40544	-232.719
40545	-212.213
40546	-141.394
40547	-234.842
40548	-159.371
40549	-204.306
40550	-220.768
40551	-231.688
40552	-267.079
40553	-250.736
40554	-215.093
40555	-153.776
40556	-214.44
40557	
40558	
40559	-196.653

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

40560	-148.104
40561	-190.562
40562	-227.757
40563	-273.902
40564	-293.149
40565	-250.087
40566	-224.366
40567	-189.234
40568	-170.798
40569	-155.23
40570	-125.925
40571	-125.26
40572	-125.554
40573	-181.501
40574	-182.223
40575	-168.981
40576	-167.517
40577	-140.579
40578	-164.878
40579	-124.378
40580	-178.123
40581	-194.946
40582	-193.643
40583	-189.963
40584	-202.664
40585	-191.999
40586	-163.303
40587	-145.417
40588	-162.099
40589	-181.751
40590	-257.085
40591	-139.706

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

40592	-218.149
40593	-223.424
40594	-201.76
40595	-289.458
40596	-299.224
40597	-263.936
40598	-240.989
40599	-222.365
40600	-194.396
40601	-204.611
40602	-228.45
40603	-351.373
40604	-394.213
40605	-310.587
40606	-248.976
40607	-275.604
40608	-266.606
40609	-237.581
40610	-200.022
40611	-208.001
40612	-196.728
40613	-176.854
40614	-176.542
40615	-233.396
40616	-205.825
40617	-231.475
40618	-226.976
40619	-147.337
40620	-203.031
40621	-167.961
40622	-177.693
40623	-199.547

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

40624	-222.758
40625	-250.808
40626	-271.93
40627	-273.627
40628	-266.379
40629	-236.021
40630	-207.887
40631	-174.38
40632	-177.481
40633	-152.375
40634	-125.312
40635	-89.2069
40636	-58.4073
40637	-53.3436
40638	-37.211
40639	-4.11028
40640	-28.4989
40641	-74.4546
40642	-105.369
40643	-121.37
40644	-139.307
40645	-137.54
40646	-130.956
40647	-118.811
40648	-99.1652
40649	-88.7926
40650	-70.9202
40651	-60.4209
40652	-44.4813
40653	-38.6603
40654	-34.0902
40655	-26.4349

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

40656	-22.5489
40657	-17.855
40658	-12.8511
40659	-9.40033
40660	-7.12654
40661	-8.10862
40662	-7.72202
40663	-4.23882
40664	-6.50545
40665	-5.22843
40666	-4.27096
40667	-48.939
40668	-53.927
40669	-73.8032
40670	-101.856
40671	-82.3338
40672	-100.887
40673	-98.5624
40674	-115.794
40675	-115.034
40676	-106.755
40677	-99.2324
40678	-90.6877
40679	-82.5867
40680	-68.6504
40681	-62.3957
40682	-46.3628
40683	-32.5244
40684	-18.2138
40685	-11.9926
40686	-0.31951
40687	-12.9277

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

40688	-8.77841
40689	-5.29466
40690	-1.45994
40691	-8.93194
40692	-44.986
40693	-53.3812
40694	-56.9056
40695	-58.4221
40696	-71.1028
40697	-86.5665
40698	-78.9585
40699	-86.6938
40700	-95.3142
40701	-106.32
40702	-103.621
40703	-101.13
40704	-90.6427
40705	-76.0569
40706	-76.6456
40707	-94.7169
40708	-96.4143
40709	-74.4437
40710	-81.2152
40711	-127.683
40712	-115.33
40713	-105.589
40714	-86.6874
40715	-144.249
40716	-112.692
40717	-97.7877
40718	-83.6814
40719	-132.571

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

40720	-132.826
40721	-137.153
40722	-122.054
40723	-128.438
40724	-142.704
40725	-109.462
40726	-127.668
40727	-108.725
40728	-110.997
40729	-180.531
40730	-154.025
40731	-144.21
40732	-129.182
40733	-121.992
40734	-133.828
40735	-122.049
40736	-173.717
40737	-115.62
40738	-171.652
40739	-141.463
40740	-201.069
40741	-237.013
40742	-206.101
40743	-222.793
40744	-190.019
40745	-184.872
40746	-169.975
40747	-219.17
40748	-194.061
40749	-228.872
40750	-200.379
40751	-229.597

MS_LocalTiProd_Node3

local time micro mol m-3 s-1

40752	-188.446
40753	-245.895
40754	-212.652
40755	-232.751
40756	-192.451
40757	-161.014
40758	-137.415
40759	-146.583
40760	-145.691
40761	-124.069
40762	-103.092
40763	-80.1685
40764	-69.2852
40765	-47.9307
40766	-38.7771
40767	-32.7888
40768	-62.8033
40769	-69.06
40770	-54.5236
40771	-136.52
40772	-124.145
40773	-114.566
40774	-120.197
40775	-96.4085
40776	-70.8175
40777	-55.7942
40778	-42.0874
40779	-100.912
40780	-67.4614
40781	-68.5809
40782	-105.198
40783	-61.9385

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

40784	-106.471
40785	-67.8688
40786	-77.128
40787	-74.2977
40788	-91.1669
40789	-128.699
40790	-164.45
40791	-106.2
40792	-94.1272
40793	-91.122
40794	-111.877
40795	-92.5989
40796	-84.986
40797	-59.4061
40798	-59.5806
40799	-81.8783
40800	-82.6003
40801	-54.1851
40802	-42.9647
40803	-36.4611
40804	-33.8339
40805	-28.5991
40806	-37.3933
40807	-46.9586
40808	-45.4251
40809	-34.3678
40810	-32.7665
40811	-38.1304
40812	-37.798
40813	-46.3039
40814	-38.46
40815	-25.0441

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

40816	-15.3196
40817	-9.45743
40818	-15.1451
40819	-31.0286
40820	-26.4318
40821	-25.9944
40822	-23.2576
40823	-29.525
40824	-38.681
40825	-36.9895
40826	-57.187
40827	-47.0143
40828	-82.3363
40829	-96.4397
40830	-57.5041
40831	-94.609
40832	-51.0713
40833	-85.2778
40834	-79.6926
40835	-60.2516
40836	-66.8184
40837	-108.729
40838	-110.95
40839	-101.299
40840	-110.134
40841	-107.269
40842	-99.3838
40843	-58.8615
40844	-82.6469
40845	-106.601
40846	-160.222
40847	-113.312

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

40848	-117.098
40849	-172.224
40850	-139.423
40851	-153.949
40852	-133.572
40853	-117.3
40854	-83.5184
40855	-130.624
40856	-105.465
40857	-75.5423
40858	-153.148
40859	-115.158
40860	-105.412
40861	-146.548
40862	-186.329
40863	-162.681
40864	-170.189
40865	-166.846
40866	-199.331
40867	-180.504
40868	-114.364
40869	-190.246
40870	-179.96
40871	-163.822
40872	-202.527
40873	-208.104
40874	-248.376
40875	-209.975
40876	-216.172
40877	-206.799
40878	-180.884
40879	-198.824

MS_LocalTiProd_Node3

local time micro mol m-3 s-1

40880	-150.533
40881	-208.561
40882	-175.583
40883	-216.031
40884	-205.507
40885	-182.418
40886	-185.156
40887	-110.657
40888	-54.3877
40889	-119.219
40890	-50.565
40891	-155.266
40892	-184.17
40893	-244.982
40894	-149.112
40895	-250.24
40896	-246.733
40897	-219.784
40898	-218.927
40899	-129.348
40900	-139.752
40901	-262.103
40902	-292.289
40903	-286.601
40904	-289.402
40905	-224.934
40906	-237.124
40907	-222.266
40908	-157.341
40909	-230.232
40910	-210.606
40911	-137.272

MS_LocalTiProd_Node3

local time micro mol m-3 s-1

40912 -108.736

40913 -161.76

40914 -196.09

40915 -278.405

40916 -260.613

40917 -208.436

40918 -192.078

40919 -154.514

40920 -136.148

40921 -111.875

40922 -90.6997

40923 -85.9976

40924 -115.742

40925 -147.07

40926 -164.686

40927 -125.926

40928 -124.537

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

41040	
41041	
41042	-26.9477
41043	-44.0752
41044	-49.132
41045	-74.945
41046	-63.6136
41047	-61.2715
41048	-55.5008
41049	-46.4367
41050	-62.3834
41051	-60.697
41052	-57.7595
41053	-76.2088
41054	-104.673
41055	-85.8933
41056	-81.4175
41057	-107.415
41058	-78.8142
41059	-146.028
41060	-83.9347
41061	-125.618
41062	-83.1637
41063	-71.6332
41064	-64.6759
41065	-68.4176
41066	-61.3095
41067	-59.7043
41068	-53.3462
41069	-45.7376
41070	-59.2935
41071	-57.3574

MS_LocalTiProd_Node3

local time micro mol m-3 s-1

41072	-106.847
41073	-113.224
41074	-100.673
41075	-84.6646
41076	-75.8466
41077	-75.0499
41078	-288.745
41079	-200.803
41080	-176.872
41081	-164.684
41082	-122.759
41083	-132.907
41084	-172.523
41085	-169.543
41086	-156.43
41087	-145.637
41088	-155.676
41089	-120.436
41090	-154.151
41091	-138.51
41092	-144.145
41093	-163.457
41094	-168.869
41095	-134.435
41096	-156.798
41097	-189.837
41098	-184.356
41099	-218.301
41100	-205.419
41101	-175.768
41102	-197.11
41103	-202.607

MS_LocalTiProd_Node3

local time micro mol m⁻³ s⁻¹

41104	-204.399
41105	-181.678
41106	-213.507
41107	-254.614
41108	-196.888
41109	-156.118
41110	-228.275
41111	-277.854
41112	-248.12
41113	-280.644
41114	-236.314
41115	-327.006
41116	-282.287
41117	261.6956
41118	388.5905
41119	119.3885
41120	151.9878
41121	127.7098
41122	167.8268
41123	130.5783
41124	175.5065
41125	190.2047
41126	216.8927
41127	209.0861
41128	192.662
41129	164.2035
41130	170.0518
41131	146.9714
41132	177.7673
41133	201.5134
41134	225.5128
41135	158.9689

MS_LocalTiProd_Node3

local time micro mol m-3 s-1

41136 178.3659

41137 183.7074

41138 178.6103

41139 218.0758

41140 215.1298

41141 208.8739

41142 190.5009

41143 155.6557

41144 279.0656

41145 161.1888

41146 84.33382

41147 80.95605

41148 125.702

41149 123.5896

41150 125.0287

41151 73.53996

41152 92.26829

41153 123.488

41154 130.5435

41155 101.6809

41156 114.3328

41157 123.4911

41158 98.15969

41159 175.9909

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41166 -532.218

41167 -308.656

MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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41170 -604.42

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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local time micro mol m-3 s-1

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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MS_LocalTiProd_Node3

local time micro mol m-3 s-1

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