

Date and time from 1/1/1900. empty=NaN

[GMT-8hr]	Deg C	%	W/m^2	W/m^2	W/m^2	W/m^2	Deg C	K
41442								
41443	31.51564	25.79864	509.5281	139.5467	-160.964	41.8359	1.126244	274.3
41444	31.07714	22.01397	512.1348	142.34	-168.432	41.13201	1.124561	274.3
41445	30.28481	27.17275	506.634	142.0887	-157.372	42.40187	1.121537	274.3
41446	29.91965	27.19339	473.3429	131.3977	-155.734	40.1883	1.120565	274.3
41447	30.6838	26.20941	508.5621	141.6364	-158.492	43.19811	1.123042	274.3
41448	29.63638	32.157	491.2594	135.6804	-144.181	44.55982	1.119401	274.3
41449	28.71056	34.7431	467.499	131.127	-136.705	41.70897	1.115739	274.3
41450	30.2353	38.06495	489.0796	135.4711	-125.411	48.16353	1.122132	274.3
41451	32.24913	37.86962	486.6163	134.4704	-113.629	45.2522	1.128596	274.3
41452	33.47237	30.90871	484.6718	134.8355	-125.32	42.54383	1.133523	274.3
41453	37.65024	22.42815	468.5293	131.9559	-147.292	35.74856	1.150125	274.3345
41454	37.84383	24.19615	409.7999	113.7796	-135.482	29.07422	1.149948	274.3328
41455	34.86603	34.6447	459.6707	126.9401	-113.405	41.28363	1.138805	274.3094
41456	35.43359	38.32237	432.2977	119.2254	-101.995	39.86802	1.140739	274.3007
41457	34.82314	34.43739	375.532	105.5405	-100.112	26.77524	1.137359	274.3052
41458	36.84052	22.26885	440.3771	123.3349	-121.532	32.47895	1.145927	274.3226
41459	34.18024	35.29244	463.7742	131.1789	-114.502	45.32857	1.137261	274.3052
41460	32.53195	47.71038	391.6209	109.1165	-98.4491	38.40707	1.129108	274.3
41461	33.5446	32.66885	410.0012	116.0837	-109.003	39.39478	1.134091	274.3
41462	35.13122	27.54763	463.6841	131.0568	-132.932	41.11396	1.140735	274.3199
41463	36.397	19.65017	483.0776	137.8443	-152.878	35.63308	1.144505	274.3296
41464	33.26767	49.52199	436.4526	120.3598	-87.1381	48.12307	1.13353	274.3003
41465	31.37084	62.15871	252.0174	68.01456	-53.4247	31.37459	1.124627	274.3
41466	30.09077	59.32756	169.5026	42.01434	-51.0643	15.3807	1.117352	274.3
41467	32.88557	39.05366	433.1472	110.8922	-93.2429	45.66877	1.132439	274.3
41468	33.85958	33.66345	471.2378	122.6648	-112.242	48.24565	1.135362	274.3007
41469	35.13153	28.81334	463.9759	120.3602	-108.524	47.11625	1.140031	274.3
41470	35.80641	23.02829	465.3728	122.0939	-129.483	44.91438	1.143878	274.3206
41471	34.73889	17.32321	467.5199	123.8636	-146.216	34.65085	1.136958	274.3031
41472	32.88446	20.09823	468.0564	130.2111	-153.996	38.60961	1.131404	274.3171
41473	33.56955	19.54089	368.4615	103.6027	-143.17	23.20471	18.03013	291.216
41474	32.22101	53.64711	353.5196	91.12339	-73.2995	35.53558	32.91927	306.0969
41475	31.3999	60.09307	291.4785	74.256	-57.8228	33.85124	32.22307	305.4031
41476	28.68836	74.24997	226.8219	38.07137	-41.9081	1.849622	28.68331	301.8634
41477	30.78195	56.4307	409.2831	94.16283	-80.479	21.69454	31.56819	304.7498
41478	32.82272	42.91209	463.6069	112.5648	-99.3968	38.17072	33.96397	307.1432
41479	34.4315	34.95983	469.1312	114.8958	-109.332	40.85043	35.45411	308.6341
41480	32.99122	43.64373	400.8607	98.44782	-83.6609	37.59316	33.70819	306.8885
41481	33.71791	42.33582	298.1752	71.9455	-75.1534	23.59257	34.107	307.2857
41482	35.07826	31.7024	456.7597	114.3543	-113.041	42.73693	36.20728	309.3895
41483	34.47885	24.36871	479.9318	123.054	-144.348	38.84273	35.23505	308.4157
41484	32.467	22.1315	481.9867	129.1289	-147.194	38.27507	33.2376	306.4171
41485	32.81564	31.23178	472.8728	125.0125	-122.159	41.99758	33.68512	306.8641
41486	32.6369	32.00676	460.8425	122.8746	-126.7	37.37756	33.33613	306.516

41487	32.28233	25.90014	487.9708	132.5805	-159.691	38.14332	33.21105	306.3878
41488	31.05136	29.13328	448.3929	121.584	-145.023	36.30878	31.99589	305.1763
41489	31.16491	29.02401	459.4653	125.308	-146.009	38.47046	32.10268	305.2794
41490	32.18157	28.13755	469.4206	127.3125	-145.368	38.59028	33.23564	306.4185
41491	31.57115	30.39293	416.5924	113.641	-126.046	32.85502	32.32387	305.5052
41492	31.73491	25.84951	461.5153	125.9368	-138.16	38.90579	32.6331	305.8164
41493	31.67519	21.23086	443.6759	119.1054	-154.102	32.23397	32.61258	305.793
41494	32.74432	17.8424	455.1279	124.9048	-162.406	30.84777	33.54972	306.7279
41495	31.32233	19.73767	471.6176	130.8981	-160.255	33.1354	32.12101	305.3021
41496	29.53286	27.01805	473.5699	131.7582	-151.809	34.43927	30.20174	303.3794
41497	30.03237	30.53847	469.0085	130.2322	-145.8	35.39378	30.80976	303.992
41498	31.9308	28.03101	465.1318	129.3962	-149.436	33.87008	32.70826	305.8906
41499	31.56268	31.71258	460.0142	127.3863	-134.762	32.3863	32.10578	305.2829
41500	32.35578	31.16348	449.7594	124.3926	-130.074	36.56652	33.20129	306.3822
41501	34.19213	29.53997	439.4066	120.1125	-118.11	35.73237	35.11648	308.2969
41502	35.83098	23.90662	434.5718	119.1442	-120.977	35.27466	36.67167	309.8523
41503	34.78732	29.36669	434.5061	119.5855	-115.896	39.19409	35.74031	308.9164
41504	35.61523	29.49477	418.5296	114.8744	-102.991	34.35339	36.20314	309.3854
41505	34.71906	33.45627	303.839	83.9498	-98.6749	20.99573	35.11526	308.2927
41506	34.01366	33.45826	411.434	114.4092	-118.388	35.15362	35.10226	308.284
41507	34.76167	31.70902	426.681	118.6781	-119.842	33.71075	35.4139	308.5909
41508	34.68449	38.79321	408.0952	112.7843	-89.8369	38.88282	35.58021	308.7585
41509	33.73118	40.81467	387.2965	109.1323	-87.6283	33.50623	34.28561	307.4652
41510	28.98854	64.20526	289.3005	73.14245	-71.9095	13.47997	29.1278	302.3087
41511	26.27094	76.06899	253.9245	55.5762	-46.4105	13.43595	26.29282	299.4718
41512	26.49589	79.11805	212.9824	38.29342	-37.7787	0.924625	26.24366	299.4233
41513	31.25575	57.91167	424.6817	88.46464	-92.214	-8.08884	32.19139	305.3735
41514	33.48969	46.25585	399.7297	98.28786	-93.2065	-1.4135	34.213	307.3909
41515	30.64247	66.78547	290.1309	77.61429	-58.8203	11.65264	31.13711	304.3143
41516	30.41404	67.76819	246.3812	65.72633	-51.2817	12.49699	30.82544	304.0021
41517	33.54833	51.92927	387.6321	106.0402	-77.8518	21.16792	34.49091	307.6742
41518	33.68749	44.37125	360.5369	100.8377	-95.833	19.15074	34.62544	307.8077
41519	33.95178	40.9299	348.3757	99.00019	-96.4467	19.63748	34.62728	307.8049
41520	34.40606	38.10404	372.7319	105.3089	-99.724	22.12209	35.08383	308.2655
41521	32.21631	45.84669	211.2266	62.77403	-81.8338	7.516767	32.43415	305.615
41522	33.86136	37.76199	369.3758	107.8017	-107.309	18.29137	34.62641	307.8059
41523	34.72812	31.90129	326.5419	96.68218	-109.091	13.07771	35.29247	308.4686
41524	29.67066	61.11878	265.8684	79.40273	-63.9593	21.51515	30.14648	303.3286
41525	31.81993	51.71397	340.5112	90.79366	-88.8467	23.85876	32.49774	305.6801
41526	30.4669	50.94575	376.1742	89.83463	-86.1312	19.62549	31.12021	304.3014
41527	29.35819	54.5976	311.6893	76.16822	-89.4491	22.98487	29.95557	303.1369
41528	30.16185	33.15972	389.4951	97.91735	-126.635	23.96044	30.71491	303.8958
41529	30.81526	32.01324	394.4324	100.1587	-135.671	23.55291	31.40366	304.5854
41530	32.53146	24.01411	392.5487	100.6489	-144.029	19.31774	33.08843	306.2655
41531	33.0831	27.67387	389.2	99.92743	-136.463	20.29169	33.5423	306.7213
41532	33.55686	26.30181	388.1165	99.42758	-134.831	18.33557	33.94906	307.1268
41533	34.31739	23.3524	389.6189	100.4307	-142.772	17.50685	34.83418	308.0153

41534	33.21115	18.90421	399.7789	104.808	-166.742	16.61717	33.77505	306.9533
41535	29.29488	24.28202	398.0401	105.9337	-162.8	22.49955	29.93003	303.1098
41536	28.907	36.89108	389.3401	102.6041	-148.367	20.60223	29.50997	302.6916
41537	28.8584	39.13206	381.3162	99.8384	-136.751	20.45553	29.41578	302.5962
41538	27.84979	36.10843	382.9703	101.0631	-145.776	22.87454	28.59631	301.778
41539	25.5799	33.09554	383.6068	110.7688	-145.63	19.00767	25.79247	298.9718
41540	27.62955	34.17944	383.52	110.4121	-149.797	17.95608	28.21411	301.3927
41541	27.82352	27.1154	376.2749	107.7558	-142.724	15.22042	28.34481	301.5233
41542	27.05672	24.01746	375.6099	108.3176	-150.249	14.82168	27.48129	300.6585
41543	22.10164	38.52443	367.5268	107.3322	-134.762	18.6816	22.36582	295.5467
41544	23.9022	23.79125	383.6618	113.0313	-155.753	6.694125	23.82502	297.0024
41545	24.81704	23.61502	377.8682	111.9034	-156.568	12.24433	25.12436	298.3014
41546	25.34885	22.78042	371.623	109.6707	-151.826	11.17486	25.75843	298.9411
41547	25.64031	24.25491	367.2273	107.9668	-146.646	11.4172	25.9839	299.1645
41548	25.33585	31.63672	355.645	103.81	-135.726	13.55731	25.80495	298.9868
41549	25.52052	43.68592	346.1607	100.2329	-126.742	17.24179	26.22899	299.4073
41550	24.85617	39.6522	345.6515	101.3681	-140.343	16.04188	25.42157	298.6003
41551	25.35199	11.64261	357.5614	107.0266	-165.102	1.195219	25.29906	298.4801
41552	23.98021	15.43058	362.386	109.6879	-167.144	4.457785	24.05094	297.2338
41553	24.90965	19.82315	358.1645	108.711	-164.765	6.441778	25.20415	298.3836
41554	24.25784	21.07334	289.5787	87.38769	-145.906	1.103469	24.51854	297.7
41555	23.96526	27.56895	337.5091	101.5352	-145.152	9.958569	24.52216	297.7038
41556	18.49105	45.62383	154.4985	47.00979	-84.7617	0.639747	18.3284	291.5091
41557	17.15868	47.01192	330.2726	98.94753	-121.008	17.03334	17.68509	290.8634
41558	19.64672	49.35282	326.2198	97.36394	-117.007	12.70877	20.12533	293.3045
41559	21.73401	41.27993	325.8113	97.11579	-124.96	9.614556	22.15791	295.3387
41560	21.49505	43.01014	321.636	95.89136	-126.333	10.39031	21.95296	295.1348
41561	22.57178	33.38812	321.9966	96.72104	-135.052	6.245163	22.84488	296.0258
41562	23.44028	23.01965	322.8945	97.24122	-139.469	2.461215	23.39439	296.577
41563	22.82941	23.90439	326.4322	99.32106	-144.276	2.847889	22.68003	295.861
41564	20.63115	29.52672	320.8299	96.86981	-134.277	5.859635	20.92139	294.1031
41565	23.30547	27.96732	315.4499	94.72555	-140.239	1.840625	23.62965	296.8087
41566	23.21181	24.86	318.0306	95.47542	-139.588	1.273903	23.50021	296.6829
41567	23.58547	24.16118	313.6766	94.50004	-139.997	1.203774	23.87739	297.0624
41568	22.20293	26.71812	310.1949	93.01236	-134.883	1.747097	22.50418	295.6836
41569	23.37592	26.75404	304.4085	91.22703	-132.743	0.371365	23.67488	296.8554
41570	23.34355	31.9639	271.2767	81.45753	-126.81	-0.62661	23.5876	296.7679
41571	21.22909	49.06857	294.7045	88.09741	-124.437	5.229979	21.59425	294.7753
41572	21.7616	42.15711	293.2111	87.40164	-119.975	3.858701	22.09617	295.2794
41573	23.91916	32.70129	256.1575	76.77887	-114.325	-0.51212	24.10098	297.2787
41574	24.80303	26.76007	287.3909	86.0584	-135.6	-2.60681	25.11679	298.2962
41575	21.10143	35.14383	235.4444	72.41139	-112.24	-4.12646	21.0924	294.2718
41576	17.95226	43.18878	243.8867	74.47828	-96.7455	10.88039	18.33293	291.5115
41577	17.88338	45.52899	277.5171	87.38767	-120.693	5.21966	18.03286	291.2111
41578	18.22111	41.21174	277.146	87.30359	-123.914	3.443729	18.58331	291.7631
41579	19.60554	38.69916	274.8313	86.53871	-123.296	0.355323	19.91387	293.0923
41580	20.30885	35.44843	270.9882	85.6461	-123.4	0.062319	20.59206	293.7739

41581	19.55418	40.03014	266.1998	84.19003	-120.692	1.12534	19.82443	293.0028
41582	19.17889	47.55286	246.2746	76.54598	-108.516	3.929059	19.5193	292.699
41583	18.42523	22.04718	270.4706	87.1954	-138.432	-7.55411	18.16537	291.3422
41584	18.34739	22.58115	264.6282	85.38154	-139.666	-6.21083	18.57282	291.7537
41585	20.16934	22.15912	257.8808	82.72902	-130.095	-6.56225	20.37627	293.5551
41586	19.44122	25.2878	252.3555	80.817	-133.147	-4.18322	19.69273	292.8717
41587	17.95226	35.98153	252.4597	79.33266	-134.264	-1.35426	18.31725	291.4937
41588	19.51456	29.67812	195.4781	59.46134	-119.456	-6.51665	19.5278	292.7073
41589	22.91669	27.92136	246.2374	76.91137	-136.613	-8.12635	23.11348	296.2955
41590	23.59056	30.90474	155.6408	47.29919	-103.429	-10.0505	23.73303	296.9146
41591	23.63017	30.0531	239.1883	74.68507	-131.264	-6.44555	23.75066	296.9338
41592	21.25432	35.58983	240.7123	75.45026	-130.193	-3.89556	21.53927	294.7195
41593	19.36753	49.37955	232.9371	72.07535	-110.545	3.037281	19.50213	292.6836
41594	17.20916	54.99035	231.6724	71.64281	-115.896	3.295069	17.58125	290.761
41595	16.51617	56.57436	229.2616	70.85608	-112.625	3.704299	16.89415	290.0753
41596	18.11484	53.61557	228.1726	70.27644	-111.302	1.951615	18.43481	291.6181
41597	18.18449	57.30617	171.9068	52.13505	-87.2542	0.936733	18.30693	291.4833
41598	18.62714	55.94411	197.0485	59.36331	-94.3579	4.204479	18.91704	292.0979
41599	16.74714	73.04091	75.13362	21.89733	-51.5816	-1.48695	16.51854	289.6997
41600	13.61526	70.62261	56.02367	13.56438	-36.1678	-5.79932	13.23415	286.4136
41601	14.22087	64.02129	172.4601	45.92605	-58.1511	4.287219	14.30463	287.485
41602	14.28533	57.44111	224.2384	65.26608	-118.282	-0.67854	14.63551	287.8167
41603	15.00063	60.95923	226.0133	66.23501	-121.207	-1.88339	15.3398	288.5181
41604	15.08596	57.55035	208.8355	60.75017	-105.952	-0.68762	15.30561	288.4864
41605	16.63122	46.5116	176.0992	51.18389	-107.379	-4.87832	16.66376	289.8422
41606	14.97021	50.02111	220.3169	65.0687	-117.803	-1.84649	15.0622	288.2439
41607	16.21833	51.343	158.1039	45.02505	-86.0263	-1.32166	16.357	289.5359
41608	17.16923	53.50317	202.9232	59.92532	-109.905	-2.36812	17.32282	290.5031
41609	18.00213	38.26652	195.3376	57.62543	-126.604	-11.2364	17.58206	290.7631
41610	15.49697	42.3308	176.5769	52.30157	-113.427	-6.97989	15.48171	288.6599
41611	15.59324	50.06359	200.4843	59.11602	-110.894	-3.16284	15.72613	288.9056
41612	14.66675	35.67889	190.2226	60.56932	-120.397	-4.76747	14.46029	287.6429
41613	9.517007	38.65341	171.6336	53.42916	-108.466	-3.49401	9.35215	282.5317
41614	9.091359	46.3299	208.0294	66.65933	-118.43	-2.17235	9.202042	282.3815
41615	11.29082	50.54627	147.464	47.69151	-105.116	-8.84071	11.18032	284.3592
41616	10.21771	43.5346	192.4621	61.575	-112.411	-3.5106	10.29563	283.4767
41617	7.428864	26.16199	217.959	71.43319	-142.59	-11.7381	7.048359	280.2272
41618	7.988362	25.52338	205.5628	65.88086	-132.797	-10.0813	8.050049	281.2324
41619	11.14266	27.92777	194.0533	61.70498	-115.004	-8.4853	11.30036	284.4819
41620	13.25351	39.27369	138.4862	40.72694	-85.6492	-9.06108	12.89961	286.0777
41621	11.72813	55.33202	202.5735	63.67998	-117.554	-6.21256	11.85781	285.0383
41622	15.60082	27.4201	209.553	66.21489	-139.566	-16.0812	15.64232	288.823
41623	15.45882	30.19976	196.1166	61.6445	-124.787	-12.1575	15.63728	288.816
41624	15.93679	35.42275	167.8864	52.72418	-110.482	-12.4958	16.0218	289.2024
41625	16.7477	35.5385	185.5226	56.28507	-103.225	-7.90457	16.89101	290.0718
41626	16.43436	38.33122	116.1513	34.19312	-84.6539	-9.26839	16.22902	289.4094
41627	14.37429	52.20659	196.9133	61.03282	-104.771	-4.08352	14.58561	287.7617

41628	16.22164	37.03282	198.4413	62.26915	-130.388	-12.0952	16.02059	289.1993
41629	13.00271	54.62561	198.3569	62.02402	-115.133	-4.72247	13.17745	286.3544
41630	12.25496	62.70582	199.1247	62.08396	-109.446	-3.77077	12.36884	285.5477
41631	14.30474	51.52355	201.7483	63.03468	-116.172	-7.62755	14.45023	287.6317
41632	16.11003	37.74449	203.7006	63.60303	-119.713	-10.5339	16.14711	289.3293
41633	18.17045	25.54794	210.4032	66.52964	-140.286	-17.7694	17.84895	291.0293
41634	17.07502	17.57348	210.7037	67.13363	-147.811	-19.0904	16.86303	290.0449
41635	14.37874	28.44652	208.8	66.23044	-129.104	-11.2151	14.3826	287.5617
41636	13.93167	31.18314	163.6457	49.53947	-107.678	-9.49208	13.86756	287.0495
41637	15.91413	20.24808	213.6896	68.41432	-142.005	-19.7584	15.38218	288.5641
41638	13.89358	20.57324	212.1528	67.92487	-136.738	-13.5262	13.81692	286.9965
41639	13.25637	27.69066	209.3094	66.53873	-128.634	-10.7353	13.36485	286.5446
41640	14.31733	30.13321	207.97	66.00703	-124.166	-10.1845	14.53601	287.7157
41641	16.01244	36.06718	207.6298	65.27478	-121.95	-12.2449	16.10495	289.2829
41642	15.69561	41.54328	200.4945	62.94645	-110.542	-8.28839	15.72118	288.9007
41643	14.28575	51.85038	170.1549	52.08338	-101.369	-5.62476	14.29021	287.4662
41644	15.20425	32.22467	214.7666	68.20424	-134.878	-12.6724	15.36548	288.546
41645	14.32537	23.78659	220.946	70.8777	-139.036	-13.9844	14.2524	287.4321
41646	12.94147	32.30446	140.8319	44.30044	-89.753	-7.4934	12.87147	286.0505
41647	13.00746	32.87599	199.4349	63.12872	-117.864	-6.85139	13.16525	286.3443
41648	13.52343	32.72422	205.9084	64.87763	-114.169	-6.78947	13.67145	286.8498
41649	14.09963	37.99411	208.2953	65.23341	-112.176	-6.17213	14.33526	287.5146
41650	14.35213	42.04707	213.4698	66.79603	-107.59	-4.85895	14.50578	287.6868
41651	16.14906	37.27742	180.8045	56.60637	-109.689	-9.70671	16.11699	289.2969
41652	17.08404	22.53746	224.0809	71.0101	-139.115	-15.177	17.07972	290.2537
41653	20.08042	17.52808	227.5469	72.26936	-144.105	-20.7895	19.67352	292.8533
41654	19.59878	20.12268	226.4813	72.03201	-141.747	-16.4404	19.65892	292.8387
41655	20.09739	16.9021	232.061	73.88531	-147.484	-20.6904	19.82125	293.001
41656	19.66122	17.95722	230.5491	73.69191	-148.23	-17.3953	19.75986	292.9401
41657	17.32634	21.67345	218.3979	69.3206	-134.613	-14.5615	17.40557	290.5861
41658	15.91035	25.54899	166.4428	51.31799	-111.563	-12.2308	15.7201	288.8983
41659	16.21574	24.03878	229.0075	71.97915	-127.911	-10.3994	16.29938	289.4777
41660	17.86118	23.24094	126.0693	37.52455	-89.7541	-14.5357	17.55585	290.7348
41661	19.40348	19.66523	235.6311	73.88322	-126.268	-10.0972	19.58129	292.762
41662	18.15868	22.95038	229.4803	71.98786	-124.381	-8.63672	18.37233	291.5547
41663	19.30826	21.87488	108.4051	31.14383	-66.5366	-6.91327	19.14021	292.3188
41664	19.75125	23.64331	220.3069	67.03229	-92.4382	2.26709	20.08303	293.2655
41665	18.4624	34.38948	205.1874	63.11346	-87.4676	1.048191	18.76098	291.9408
41666	19.88955	39.29697	233.0764	72.15313	-112.615	-1.02781	20.24202	293.4254
41667	18.03962	38.35167	234.3363	72.46261	-117.824	-4.04505	18.37429	291.5519
41668	18.68296	29.28791	234.7942	72.3029	-111.275	-3.77594	18.96125	292.1397
41669	17.76345	43.93003	184.0358	56.04713	-93.6269	-1.88833	17.86756	291.0477
41670	17.34436	44.71341	184.4624	54.8522	-98.5996	-4.73736	17.23986	290.4178
41671	14.87603	24.22279	261.7531	82.65834	-135.796	-5.4833	14.72106	287.9028
41672	11.52253	30.14815	235.0794	73.79363	-111.168	-0.75943	11.629	284.8077
41673	13.35008	45.02836	211.7007	66.27778	-100.217	1.027819	13.52778	286.7091
41674	13.41991	51.52387	240.925	74.58448	-92.7619	7.16558	13.87619	287.0592

41675	14.98387	51.793	255.2642	79.11368	-101.907	6.68726	15.23669	288.4146
41676	14.98223	54.08432	180.9326	54.01573	-73.8824	5.581476	15.25564	288.4331
41677	14.2099	62.69456	188.441	57.05944	-95.5692	-0.43168	14.32474	287.5042
41678	15.62003	51.60826	257.1527	78.71246	-99.2845	6.427535	16.03544	289.2171
41679	16.77436	50.44638	267.5062	82.45304	-107.683	4.447691	17.25589	290.4362
41680	19.96153	42.21488	266.5478	82.25146	-114.356	0.051566	20.24791	293.4286
41681	19.93467	33.60502	262.4969	81.73465	-126.061	-1.50267	20.37	293.5498
41682	20.38571	25.52686	269.4935	83.70715	-122.794	-1.41344	20.76178	293.9429
41683	20.12502	27.36174	272.0386	83.97625	-118.521	0.878431	20.5185	293.6997
41684	21.23422	26.27714	285.4036	88.76278	-128.525	-1.82442	21.66251	294.8446
41685	21.20146	24.7576	264.0735	81.99502	-117.363	-1.49012	21.44136	294.6213
41686	19.55895	35.03857	183.1516	54.26341	-96.3488	-3.20376	19.63376	292.8153
41687	20.95704	30.83014	291.7605	89.62776	-122.336	2.501396	21.53578	294.7153
41688	20.5647	30.7822	257.7456	80.17052	-117.777	1.209115	20.95551	294.1355
41689	20.32366	33.08171	271.8652	82.89026	-118.749	2.915049	20.57254	293.753
41690	19.77613	26.49373	269.1878	82.76133	-122.819	-0.7969	19.89986	293.0808
41691	18.15422	26.74122	258.1158	77.61958	-109.157	5.542795	18.54125	291.7251
41692	17.89774	31.09533	241.4613	73.56673	-107.213	1.620979	18.15533	291.3324
41693	18.41861	31.83686	301.962	92.14263	-118.248	6.847205	18.95516	292.1359
41694	18.66972	34.18261	303.3489	92.42689	-117.484	8.10242	19.33286	292.5153
41695	18.7338	43.71902	288.3169	86.813	-103.154	10.56122	19.20303	292.3812
41696	18.57606	49.91937	257.75	77.35652	-98.9731	8.484205	19.17819	292.3613
41697	19.98028	50.09188	317.0586	95.63647	-98.1555	14.35948	20.6416	293.8209
41698	19.42275	54.71195	137.3104	34.9456	-61.3686	-8.55767	19.16735	292.3456
41699	16.29352	55.09603	203.7219	55.60681	-80.9756	4.97974	16.4747	289.6533
41700	15.80258	59.2654	248.9827	69.46873	-94.9491	11.716	16.29251	289.4753
41701	18.4431	53.6578	306.7706	86.27113	-115.807	13.1956	18.91554	292.093
41702	20.7469	44.98432	323.4246	90.65833	-121.632	12.28886	21.19017	294.3704
41703	22.0354	38.80617	336.6301	95.2346	-125.004	12.72606	22.52481	295.7049
41704	23.93498	32.3323	329.1389	92.46145	-124.441	14.22656	24.58429	297.7655
41705	23.3269	30.13986	322.8203	92.53146	-135.15	4.756063	23.27512	296.4523
41706	22.31202	17.80143	365.6629	105.2559	-155.347	2.147663	22.25035	295.431
41707	22.58509	17.77693	354.7968	102.4275	-151.99	6.140618	22.84115	296.023
41708	21.41328	23.88627	362.7863	104.8788	-147.522	12.04428	21.91913	295.0986
41709	21.25226	22.79774	283.1628	82.3011	-129.588	4.89491	21.41411	294.592
41710	20.4015	16.81254	371.0645	107.4084	-153.13	7.919306	20.54463	293.7258
41711	20.10091	24.67206	298.8926	84.916	-124.395	11.76039	20.57537	293.7564
41712	22.69	29.45705	375.6315	109.8405	-155.412	9.757517	23.05073	296.2314
41713	25.05275	17.18062	378.3234	110.8636	-158.881	-2.56573	24.82059	298.0007
41714	23.96868	17.38913	382.277	111.9607	-157.72	7.763378	24.32638	297.5073
41715	22.40861	26.9799	361.8146	105.6317	-142.144	11.92058	23.01512	296.1948
41716	21.1423	20.95041	372.4733	108.6798	-152.163	9.601309	21.2878	294.4679
41717	20.32801	16.75953	399.7893	117.4661	-164.204	12.67901	20.68948	293.8683
41718	19.17056	23.4287	337.9141	98.72499	-136.035	11.25942	19.46882	292.6481
41719	20.55662	29.9622	389.3947	112.6236	-139.594	16.32675	21.11376	294.2941
41720	20.59014	45.33882	376.9392	108.5803	-130.351	22.97718	21.66746	294.8453
41721	21.21021	46.13436	361.4821	104.2972	-123.975	18.80882	21.87422	295.0544

W/m^2	W/m^2	W/m^2	W/m^2	W/m^2	W/m^2	W/m^2	W/m^2	W/m^2
369.9935	-202.803	0.065659	348.5648	52237.63	48150.52	45852.9	363.1202	1596.832
369.7837	-209.559	-0.00192	343.6749	52840.49	46139.1	43706.1	362.4087	1654.536
364.5423	-199.774	0.076997	349.252	53134.39	47451.97	46882.1	363.6634	1534.186
341.9514	-195.923	0.125351	317.6052	48730.77	41470.69	46694.4	361.4452	1590.859
366.9443	-201.688	0.072039	350.0959	53232.08	47593	46560.3	364.4648	1526.6
355.5745	-188.741	0.04651	347.0744	51909.69	48048.04	50676	365.8139	1810.879
336.3819	-178.411	0.075373	330.7985	49776.35	45496.41	52825	362.9387	1695.216
353.6097	-173.574	0.052227	363.6827	52886.98	51851.43	56076.5	369.4425	1873.343
352.1165	-158.881	-0.03183	372.9612	51758.96	55655.06	59473.6	366.5446	1860.091
349.8207	-167.866	-0.00529	359.3527	51086.08	52408.41	56115.8	363.8561	1762.98
336.564	-183.041	0.103813	321.2257	48298.83	44213.18	49812.8	357.1174	1721.908
296.0217	-164.561	-0.05439	274.3028	41141.75	37860.68	53223.5	350.4293	1507.245
332.7403	-154.689	-0.01856	346.2693	48448.28	51279.06	59556.7	362.6254	1683.98
313.104	-141.867	-0.00343	330.3189	45818.42	49314.36	62838.1	361.207	1707.324
269.9875	-126.882	0.051848	275.4067	38107.29	41214.56	63383.4	348.0582	1645.806
317.042	-154.011	0.071521	318.8285	44875.51	46950.42	57229.9	353.8338	1762.101
332.6285	-159.831	0.076045	349.3035	50834.63	49763.35	59238.8	366.6732	1839.049
282.5065	-136.855	-0.0791	293.2079	42487.19	41951.62	63845.5	359.676	1811.469
293.921	-148.396	-0.02206	300.9869	44777.41	41910.22	60808.6	360.6913	1808.224
332.6374	-174.042	0.093122	330.7638	49583.81	45671.22	53926	362.4502	1896.374
345.2384	-188.514	0.083587	330.2034	49961.85	45136.65	48205.5	356.984	1986.742
316.091	-135.259	-0.0756	349.3169	48523.47	52079.32	67123.5	369.4725	1697.051
184.0088	-84.8008	-0.04645	198.6103	28624.17	28573.14	76791.4	352.5868	1512.035
127.4859	-66.4449	-0.17956	118.4382	16529.82	17579.27	77458.7	336.5059	1972.351
322.2545	-138.913	0.017847	339.9234	45090.75	52803.25	65339.4	366.9878	1852.515
348.5504	-160.489	-0.00795	358.9869	49222.2	54168.15	59881.2	369.5822	1803.272
343.6088	-155.64	-0.04644	355.4513	48233.3	54135.23	60961.2	368.4749	1771.311
343.2788	-174.399	0.067634	335.8851	48098.85	48636.51	54929.1	366.2843	1954.334
343.6619	-180.868	0.011319	321.2949	45652.33	46882.66	50112.4	355.962	1850.301
337.8148	-192.606	-0.02588	314.0307	48620.25	41823.92	47861.9	359.8997	1938.434
264.8526	-166.375	-0.04585	225.2934	36520.67	28363.7	78792.4	441.3484	1748.209
262.3907	-108.835	0.026726	280.2185	36477.59	44223.92	121940.1	533.9725	1699.298
217.2213	-91.6745	-0.10232	233.6478	31135.16	36157.9	125054.4	527.6672	1941.352
188.756	-43.7576	-0.1533	184.9226	11497.27	41757.61	123115.8	472.8279	2071.603
315.1358	-102.173	-0.02126	328.8129	33366.97	61331.75	117421.9	511.6038	2267.793
351.0576	-137.571	-0.04202	364.2024	43411.9	61479.97	116555.3	544.0763	2136.723
354.2358	-150.183	0.01921	359.7974	44855.53	58771.26	116515.5	556.5861	1946.485
302.4127	-121.257	-0.08517	317.1882	39179.65	52169.34	120481.2	541.3596	2052.94
226.2308	-98.7452	-0.06779	223.0316	27515.07	36715.37	123665.2	529.922	2156.162
342.4046	-155.78	0.007315	343.6974	45243.07	53746.71	116881.6	563.4878	2366.013
356.8786	-183.192	0.016318	335.5835	46626.16	50021.62	106158.8	553.5962	2514.316
352.8638	-185.465	-0.01652	334.7859	48212.88	48205.69	101530.1	539.7443	2521.345
347.8526	-164.153	0.02023	350.733	48099.13	52909.03	109512.9	546.1798	1644.467
337.9569	-164.076	0.045014	334.1474	46152.15	50078.02	107578.9	539.369	2125.591

355.3932	-197.83	0.037634	328.2688	49168.23	45374.25	98090.5	540.1638	1908.665
326.8243	-181.329	0.013578	303.3917	45473.69	41903.83	99962.2	530.1122	1809.489
334.1644	-184.482	-0.02483	313.4724	47168.1	43109.14	99827.2	532.8178	1953.335
342.0836	-183.958	0.075882	324.0269	47780.11	45542.32	102122.7	540.2962	1960.385
302.9392	-158.901	-0.06431	290.5454	42191.29	41486.74	105866.1	528.1777	2033.263
335.5655	-177.068	0.014784	323.339	47473.74	45649.65	102968.5	536.338	1810.297
324.5754	-186.335	-0.03595	289.5743	43585.5	39811.32	98490.7	530.0185	1782.256
330.2168	-193.255	0.06322	292.7049	44857.05	39444.98	97854.5	534.7324	1862.116
340.7298	-193.39	0.048411	311.3803	47241.83	42430.07	95768.3	527.6059	1790.462
341.8103	-186.251	0.004691	321.762	47865.52	44803.76	94680.5	516.6436	1812.45
338.758	-181.196	-0.11768	323.1795	47699.39	45377.94	97473	521.315	2007.74
335.7232	-183.301	-0.00214	315.6881	47020.15	43900.02	100032.4	532.3477	2014.209
332.6392	-167.144	-0.14203	325.2773	46014.63	47660.31	102931.2	526.2408	1997.389
325.3813	-166.64	-0.12381	319.6801	46356.2	45715.01	106381.8	537.7707	1799.228
319.2816	-153.844	-0.02089	321.2936	44884.05	47644.96	113395.2	549.3693	2110.882
315.4047	-156.253	0.025587	313.5795	44471.58	45838.32	115599	559.4676	1993.784
314.9416	-155.089	0.031303	318.6182	45727.83	46033.68	115258.9	557.1098	2148.27
303.665	-137.347	-0.05539	315.5342	42977.86	47899.47	119740.3	554.9376	1951.637
219.8791	-119.671	-0.07353	205.1451	30223.87	28857.88	118831.6	534.0362	1995.993
297.0111	-153.54	0.014819	293.0246	43074.49	41318.96	113324.9	548.8366	1838.903
307.9813	-153.551	-0.12598	306.8138	43888.22	44479.08	113446.6	549.2509	1779.767
295.3014	-128.723	-0.02928	318.2557	43680.22	47978.5	122255.6	555.0728	1860.207
278.1712	-121.134	-0.07371	299.6735	41080.75	45228.79	120384.7	540.9324	1843.242
216.1603	-85.3909	-0.13991	217.4017	24947.81	37661.1	115366.8	487.5662	2147.376
198.3521	-59.8458	-0.05684	207.5137	19875	39886	117715	470.1383	1998.242
174.6889	-38.7051	-0.02498	175.2045	11294.88	39164.79	119998	456.9376	2356.859
336.2389	-84.127	-0.07336	332.4685	23147.9	72605.21	115266.7	485.9906	2830.312
301.447	-91.7929	0.012383	306.5164	27899.24	60380.28	118796.1	505.9683	2844.475
212.5124	-70.4728	-0.03869	231.3111	25710.14	40908.19	122752.9	498.3672	2693.462
180.6497	-63.7789	-0.23045	195.0942	22528.16	33658.9	124335.8	497.1634	2689.652
281.5773	-99.0209	-0.11364	309.7687	36637.2	52575.85	123640.4	530.1331	2658.453
259.6895	-114.983	-0.06141	264.7053	34557.38	41675.91	118738.2	529.0195	2702.128
249.3754	-116.083	0.003625	251.9302	34167.92	38391.47	118616.2	529.6805	2595.346
267.4173	-121.849	-0.10392	272.9954	36699.6	41923.79	118494.1	535.0718	2505.781
148.4516	-89.3509	-0.23082	129.3869	20243.6	17020.73	118530.9	502.5683	2237.459
261.573	-125.597	-0.04679	262.0696	36314.53	39162.04	115555.1	528.5735	2492.809
229.8684	-122.167	-0.00054	217.4708	31610.72	31014.44	116246.7	527.5317	2379.518
186.4739	-85.4733	-0.0769	201.9175	29064.45	29086.81	119543.5	502.1923	2376.941
249.7229	-112.709	-0.2727	251.678	33019.67	39459.53	116777.9	519.9376	2918.265
286.325	-105.758	-0.04573	290.0408	31524.51	52005.12	115037.8	506.9122	1765.715
235.524	-112.432	-0.16912	222.243	28555.64	35451.37	111867.8	502.5063	1880.744
291.5943	-150.598	-0.14372	262.8693	35100.85	40605.77	102653.1	508.677	2280.815
294.2848	-159.222	-0.25995	258.7718	35629.27	38897.4	101417.8	513.0216	2160.488
291.8941	-163.344	-0.18341	248.4984	34550.66	37022.29	102198.8	519.8892	2279.488
289.2777	-156.756	-0.08907	252.7428	34623.48	38165.48	105245.3	523.8739	2374.135
288.6924	-153.167	-0.06273	253.302	33915.76	39031.73	106419.7	524.3864	2525.971
289.191	-160.28	-0.03149	246.8389	33965.98	37125.83	105829.5	529.4599	2318.355

294.969	-183.362	0.050175	233.0291	34970.31	32141.98	96869	521.3777	2210.429
292.1091	-185.297	-0.07514	235.2463	36988.74	30759.82	91059.5	503.0599	2255.372
286.7518	-168.97	-0.09148	240.97	35482.96	33915.75	94371.8	498.2383	2131.556
281.4713	-157.212	-0.03156	244.552	34645.2	35786.36	97494.2	497.3272	2118.504
281.9024	-168.649	0.002784	237.1862	35694.05	32615.59	93434.7	494.6721	2023.451
272.8391	-164.638	-0.02643	237.9713	37375.28	31162.67	88403.8	473.0895	2668.965
273.1023	-167.754	-0.2105	233.7141	36970.12	30339.93	91759.4	487.9216	2327.615
268.522	-157.942	-0.0688	233.5497	35417.21	31845.03	93796	485.1763	2398.866
267.3141	-165.075	-0.04884	225.3735	35464.23	29442.35	90192.9	479.7679	2041.329
260.2011	-153.442	-0.06659	232.7708	36291.79	30746.8	85695.8	452.4244	2120.511
270.6241	-162.445	0.049747	227.9108	34481.11	31156.52	82125.8	449.0084	2282.749
265.9732	-168.811	-0.06439	221.3094	35754.25	27982.41	84289	462.9446	2217.782
261.9385	-162.998	-0.02511	219.792	34803.98	28493.77	86743.9	465.6794	2688.875
259.2529	-158.065	-0.1004	220.5814	34382.33	29144	88532.4	466.9561	2682.547
251.8234	-149.281	-0.06281	219.9182	33801.5	29534.69	91297.3	467.7812	2428.534
245.9204	-143.987	-0.11381	219.4247	33831.83	29359.58	94612.3	474.0202	2317.866
244.2712	-156.387	-0.02413	205.2921	33814.08	25312.81	89346.1	468.1042	2081.095
250.5388	-166.296	0.079948	192.46	31167.75	24261.41	81797	451.7446	2136.075
252.7173	-171.6	-0.02448	195.2714	32874.12	23360.59	79255.1	448.1934	2064.514
249.4688	-171.207	-0.11691	193.3999	33164.1	22538.13	82099.7	457.7254	2339.867
202.1827	-147.007	-0.04664	143.6724	25485.98	15890.59	86284.3	448.0251	2345.65
235.9759	-155.111	-0.04408	192.3546	32110.94	23286.01	86445.6	456.7105	2355.259
107.4867	-85.4008	-0.05138	69.7352	13722.91	6360.916	93269.9	410.5408	2585.373
231.3273	-138.042	-0.16915	209.2545	33402.98	26866.03	81955.3	423.9711	2614.799
228.847	-129.715	-0.05579	209.214	31700.7	28552.81	87151.3	433.716	2593.596
228.6924	-134.58	-0.11932	200.8618	30737.9	27105.8	88248.5	442.4185	2616.719
225.7472	-136.725	-0.02057	195.303	30608.84	25638.77	87415.8	441.6683	2820.514
225.2742	-141.301	-0.09607	186.929	29654.74	24184.5	86541.5	443.2087	2760.522
225.6543	-141.931	-0.00356	183.4125	28714.3	24112.12	86155	442.5038	2329.64
227.0909	-147.13	-0.1332	182.1382	29424.2	23031.78	83528.9	438.5554	2182.938
223.9535	-140.138	-0.09992	186.5474	29585.56	24140.42	83573.6	431.7101	2418.462
220.73	-142.078	-0.12391	175.224	27810.67	22651.3	86532.6	443.97	2500.232
222.5544	-140.859	-0.07321	178.4408	27864.62	23526.58	86403.6	442.2829	2807.529
219.1895	-141.199	-0.08637	173.686	27562.82	22461.94	86912.1	444.407	2827.054
217.1943	-136.629	-0.00019	175.327	27290.83	23202.17	85933.6	436.4087	2594.964
213.1771	-133.112	-0.08329	171.6628	26379.95	23058.64	88621.4	442.2519	2439.668
189.8067	-126.185	-0.02201	144.4485	23279.33	18323.3	90161.2	440.6666	2083.213
206.6199	-129.665	-0.06502	170.273	26877.58	22162.2	87417.9	434.5969	2168.698
205.8024	-123.832	-0.10013	173.2218	26284.24	23606.46	89515.5	436.0648	2163.294
179.3887	-113.816	0.079351	141.8392	21964.39	18885.87	94592.7	443.7132	2570.994
201.3213	-132.992	-0.02099	151.7881	24033.27	19679.74	90164.4	447.508	2804.265
163.0307	-108.114	0.052307	123.1946	19665.39	15816.41	89833.2	421.3669	2715.475
169.4086	-107.625	-0.01992	147.1495	24583.53	17794.19	89827.4	420.9418	2063.423
190.1413	-125.917	-0.09994	156.8379	26670.2	18497.57	82663.6	414.2728	1946.197
189.8491	-127.356	-0.06474	153.2367	26134.5	17998.61	82646.5	415.6638	2155.473
188.2816	-123.655	-0.07928	151.5257	25025.99	18614.13	85005.2	420.1606	2402.162
185.3348	-123.469	-0.06808	147.5803	24684.52	17817.94	86120.4	423.87	2053.537

182.0199	-121.818	-0.08414	145.5109	24570.93	17336.51	85544.8	420.2028	2411.25
169.727	-112.444	-0.04273	137.7569	23176.4	16497.53	88497	421.0868	2563.133
183.2709	-130.873	0.013119	132.0373	22936.2	15090.01	77612	401.6394	2401.887
179.2404	-133.453	-0.13979	124.9562	22801.59	13186.38	78161.2	406.1324	2473.688
175.1584	-123.534	-0.02303	127.791	21935.29	14867.33	83864.9	416.0659	2457.656
171.5319	-128.961	-0.17141	119.2022	21993.76	12217.75	81557.8	414.4752	2312.047
173.131	-132.908	-0.12338	118.2015	22458.27	11584.33	79223.8	409.2902	2467.671
136.011	-112.942	-0.10184	76.01451	15247.81	6643.206	85438.2	410.9348	2397.517
169.3255	-128.487	-0.06925	109.6238	19809.91	11761.9	86667.5	430.7965	1962.412
108.3418	-93.3801	-0.00104	52.20763	10727.4	4307.952	97033.1	431.6847	1535.046
164.4962	-124.818	-0.03192	107.9207	19652.88	11427.38	89144	435.7509	1788.243
165.2644	-126.297	-0.16868	110.5186	20607.67	11222.29	85615.1	424.9376	1884.186
160.864	-113.583	0.013953	122.3958	21632.98	13616.88	87847	419.9902	2489.533
160.0311	-119.191	-0.03448	115.779	21581.55	11762.57	83201.2	409.3976	2627.899
158.4042	-116.327	-0.19015	116.6365	21472.87	12118.86	83048.6	405.9927	2797.164
157.8919	-113.256	-0.13936	116.8628	20802.45	12855.62	85974.8	413.1094	2605.176
119.7722	-88.1916	-0.05454	84.64985	15284.01	9095.082	92553.1	410.8777	2468.976
137.6841	-98.5603	-0.09254	102.6894	18307.67	11267.5	91510.3	417.7105	2697.189
53.23403	-50.0961	-0.17369	23.55094	5878.382	904.187	99865	398.1397	2406.436
42.46011	-30.3688	-0.19911	19.85695	2236.404	3482.262	99164.4	375.9491	2230.924
126.537	-62.4368	-0.21242	114.3127	14460.69	18460.63	94546	392.0443	2308.699
158.9638	-117.607	-0.19489	105.946	18600.9	11911.8	77874.9	389.2638	2521.981
159.7747	-119.319	-0.13966	104.806	18532.85	11650.99	78163.5	391.9704	2493.391
148.0827	-105.264	-0.15115	102.8892	17298.33	12331.81	82453.3	392.8139	2240.319
124.9144	-102.5	-0.12541	68.71818	13335.83	6454.242	84167.2	396.0634	2506.141
155.2482	-115.956	-0.07522	102.5155	18208.03	11316.06	78697	390.4557	2630.427
113.0711	-84.7037	-0.0772	72.07801	12587.08	8170.181	89869.7	398.0293	2664.633
143.001	-107.539	-0.08863	93.01766	16575.74	10212.36	84546.8	402.4042	2693.824
137.712	-115.367	-0.09156	68.7291	13359.74	6434.821	80230.8	395.2139	2404.621
124.2798	-106.445	-0.15443	63.15494	13052.38	5136.18	80601.8	387.5432	2581.644
141.3722	-107.73	-0.17094	89.59189	16114.62	9688.345	81694.3	392.6554	2471.892
129.6507	-115.631	-0.08308	69.82033	16070.94	4036.62	76918.3	383.9613	2053.349
118.2037	-104.973	-0.12806	63.16985	14381.6	3810.835	72648.3	358.347	2174.777
141.366	-116.259	-0.14279	89.59079	18572.62	7229.665	69583.3	358.9997	2035.55
99.77254	-96.2733	-0.10591	42.3545	11188.68	1008.137	76411.3	362.738	2586.195
130.8799	-108.899	-0.17246	80.04229	16722.97	6329.721	72926.6	363.2638	2668.533
146.5254	-130.849	-0.07539	75.37172	17191.89	4514.752	59551.1	338.6686	1934.273
139.69	-122.717	-0.00073	72.76927	16069.54	4888.146	63927.9	345.7791	1525.989
132.3506	-106.52	-0.05744	79.0537	15327.5	7440.228	73777.4	363.9164	1772.527
97.76369	-76.5887	-0.06014	52.84103	9119.475	6098.56	84590.1	371.4902	2203.743
138.8965	-111.342	-0.2025	85.0226	16550.73	7935.18	73821.5	368.8512	2233.351
143.3373	-123.488	-0.00771	69.98682	14438.56	5717.335	73397.8	379.5352	2466.442
134.4751	-112.627	-0.03823	71.33422	14252.89	6291.834	77601	383.2958	2641.696
115.1662	-97.9874	-0.04835	57.40609	11586.06	4946.908	82311.7	385.0303	2427.278
129.2301	-95.3195	-0.0141	82.28361	13933.2	9765.673	85763.8	394.3878	2669.83
81.95967	-75.3851	-0.01298	31.49897	7178.864	1892.311	89995.9	389.1338	2452.898
135.8829	-100.686	-0.12652	92.14493	16401.4	10136.27	81643.6	385.4066	2660.923

136.1726	-118.291	0.044944	68.05784	14449.96	5149.405	76435.4	384.9084	2531.805
136.3336	-110.412	-0.09945	83.22818	16502.91	7465.797	76529.2	377.3272	2595.994
137.0466	-105.675	-0.19834	89.68611	16793.79	9035.647	76906.7	373.9084	2915.662
138.7193	-108.542	-0.08614	85.58709	15957.02	8690.922	78287.9	381.5944	2798.111
140.0987	-109.183	-0.13179	83.98836	15285.06	8905.338	79894.6	387.8481	2690.296
143.8692	-122.513	-0.09001	70.11577	14042.96	6150.355	76690.2	390.0443	2878.42
143.5626	-128.719	-0.0551	62.88823	13836.64	4275.451	73047.6	383.5704	2670.332
142.5645	-117.888	-0.04345	79.6924	15844.41	7106.669	74422.7	377.4899	2645.668
114.1047	-98.1876	-0.00878	55.96704	11533.9	4583.769	79684.6	376.0969	2886.047
145.2688	-122.246	-0.01518	71.67662	14013.64	6629.967	72323.4	374.57	2935.747
144.2217	-123.208	-0.0433	75.4161	15667.13	6051.912	71413.4	372.346	2754.95
142.7734	-117.898	-0.00823	80.67965	16072.08	7164.009	73076	372.8171	2350.075
141.9576	-113.98	-0.17642	83.80171	16077.42	8057.393	76158.2	379.6422	2784.784
142.3617	-109.705	-0.0566	85.68822	15272.62	9405.358	79162.1	385.8129	2489.4
137.5513	-102.255	-0.09864	89.95494	15741.57	10165.24	81843.6	387.6889	2587.413
118.0793	-95.7434	-0.05062	68.79387	13379.47	6433.721	82160.8	382.2889	2593.395
146.5605	-122.208	-0.01672	79.88418	15993.16	7012.642	74352	381.5895	2899.817
150.0637	-125.052	-0.11184	81.91018	16385.49	7203.606	71400	374.1432	2922.709
96.53453	-82.2592	-0.08072	51.08465	10600.98	4111.2	83411.2	373.0603	2685.152
136.3126	-111.017	-0.14478	81.57174	16207.75	7285.253	75761.1	375.2937	2563.627
141.0296	-107.381	-0.13119	91.73841	16729.55	9691.403	77578.5	377.9916	2669.845
143.0623	-106.005	-0.03946	96.11609	17009.19	10672.3	79192.1	382.2101	2515.978
146.6726	-102.73	-0.06618	105.88	17837.76	12656.1	80784.8	384.4721	2527.957
124.1936	-99.9807	-0.03089	71.11117	13507.42	6972.972	82683.6	388.3627	2984.109
153.066	-123.936	-0.11816	84.96179	16079.75	8389.178	75902.6	388.7213	2860.269
155.2573	-123.312	0.0395	83.4285	14826.62	9200.6	78606	397.5244	2251.575
154.4479	-125.306	-0.09951	84.73094	16009.72	8392.244	79266.2	401.8167	2255.632
158.1857	-126.796	0.067081	84.58847	15321.27	9040.462	77910.6	398.5854	2800.657
156.8554	-130.836	-0.04536	82.31651	16213.74	7494.006	77635.6	401.6794	2534.49
149.0756	-120.051	-0.01218	83.77797	15770.52	8357.357	77602.7	390.7662	2670.826
115.1207	-99.3327	-0.02353	54.87019	11257.3	4547.467	81506.4	383.5767	2722.414
157.029	-117.51	0.052552	101.0945	17734.9	11380.39	77823.8	388.9753	2659.254
88.54628	-75.2189	0.008241	36.31512	6620.961	3838.16	90673.6	391.3237	2520.44
161.7486	-116.17	-0.07978	109.365	18370.37	13126.42	83514	407.5167	2705.248
157.4925	-115.744	-0.10775	105.0982	18245.09	12023.68	82195.1	402.4338	2501.394
77.26114	-59.6232	-0.06923	41.86833	6978.034	5079.624	99844.7	407.6557	2593.481
153.2671	-94.7048	-0.05156	127.8615	19958.45	16865.72	93987	422.4812	2509.915
142.0791	-88.5158	-0.00797	117.7272	18478.87	15426.68	93334.4	413.9355	2852.951
160.9171	-111.587	-0.10077	120.4542	20484.41	14207.4	88543	420.4355	2655.176
161.8696	-113.777	-0.05514	116.5114	19704.09	13850.51	84005.8	406.7676	2649.885
162.4853	-107.497	-0.04148	123.5149	19735.3	15836.65	86805.1	410.2261	2434.995
127.9899	-91.7378	-0.04196	90.4132	15597.52	10440.68	89964.8	405.4596	2541.922
129.622	-93.8621	-0.0061	85.87573	14433.1	10297.86	87538.1	399.101	2355.928
179.1006	-130.315	0.025091	125.9584	22226.78	14049.89	72870.8	384.5446	2193.046
161.2947	-110.409	-0.08538	123.9196	21034.42	14655.13	75327.5	373.1303	2697.298
145.4208	-101.245	-0.09088	111.4833	19385.02	12722.1	81332.3	384.9247	2301.592
166.328	-99.9318	-0.20641	148.1521	23543.94	19122.42	84027.5	392.9509	2364.139

176.1488	-108.594	-0.07919	153.3549	24711.18	19455.12	83493.1	399.8477	2557.645
126.916	-79.462	-0.07233	107.0424	17163.54	13666.8	91522.8	398.5735	2574.818
131.3825	-95.1376	-0.09066	92.86615	16308.84	10438.26	83873.3	387.6143	2438.272
178.4419	-105.715	-0.18894	157.872	24520.29	20945.34	85524	403.9875	2305.121
185.0605	-112.13	-0.06221	159.8375	25026.35	21003.34	85061.4	408.822	2536.812
184.2913	-114.408	-0.02366	152.18	23702.95	20126.06	88118.2	421.7498	2666.166
180.7606	-124.556	-0.00848	136.4383	23107.87	16185.78	84968.8	420.9348	2455.978
185.7831	-121.383	-0.13008	146.6946	23699.36	18548.65	86550.8	423.2794	2176.847
188.0585	-119.399	-0.07053	153.5185	24438.17	19773.38	87338.3	424.0328	2541.502
196.6414	-126.697	-0.14945	156.882	25038.84	20144.12	86436.3	428.2111	2239.65
182.0739	-115.874	-0.0907	146.7067	23184.88	19065.23	89186.5	426.9352	2259.026
128.8903	-93.1465	-0.093	86.80347	14705.09	10294.58	92161.2	414.4892	2559.53
202.1304	-124.834	-0.02756	169.431	26533.98	22260.48	87933.5	431.5718	2601.848
177.5701	-118.989	-0.01321	139.962	23437.17	16872.12	88340.3	427.0976	2259.816
188.9687	-121.661	-0.09022	153.1042	24711.95	19383.66	87288.9	426.1707	2215.994
186.4492	-122.023	-0.07315	146.3867	23605.12	18554.18	85033.4	418.6293	2244.65
180.4912	-114.702	-0.02413	148.9441	23951.26	18947.89	86778.9	417.3659	2429.302
167.9017	-108.833	-0.11653	134.2535	21653.68	17010.3	86675.6	411.1136	2515.849
209.8164	-125.098	-0.04461	183.7102	28508.3	24399.83	84878.4	421.1735	2672.58
210.9318	-125.586	-0.1263	185.8803	28952.88	24578.93	85723.3	424.6181	2467.341
201.5185	-113.714	-0.08277	185.1784	28043.89	25287.12	89521.8	425.9303	2432.375
180.3951	-107.455	-0.0424	158.7767	24722.54	21007.17	90701	423.7655	2317.982
221.4307	-112.517	-0.11562	218.9086	31679.53	31366.73	93341.6	438.0422	2547.263
102.3615	-52.8125	-0.07605	75.94006	7599.434	14271.52	101283.6	405.8481	2379.725
148.1061	-85.9563	-0.067	122.7389	17448.63	17899.09	91448	404.7415	2466.817
179.502	-106.664	-0.08017	154.0143	23381.72	20977.33	87202.9	410.777	2607.695
220.5041	-129.003	-0.08073	190.9602	28646.45	26351.98	85515.7	427.3045	2504.612
232.7608	-133.919	-0.00452	201.793	29648.01	28467.44	87553.6	439.3397	2364.421
241.3928	-137.729	-0.05028	211.6027	31092.78	29853.15	88911.2	447.8787	2248.392
236.6712	-138.67	-0.09053	204.6981	30726.46	28225.61	92441.8	461.1909	2307.897
230.2987	-139.906	0.056193	187.6779	28018.7	26031.88	87061.8	443.6202	2429.749
260.3831	-157.494	0.012892	210.2931	30933	29633.36	79546.1	435.054	2379.695
252.3669	-158.129	0.000839	202.8155	31267.94	27140.64	81603	442.869	2433.131
257.913	-159.565	-0.04885	215.2667	33673.24	28324.12	81374.8	443.5275	2148.952
200.8656	-134.481	-0.00333	153.5803	25112.57	19118.79	85620.6	433.147	2321.413
263.6354	-161.048	-0.03624	217.9033	33213.88	29543.52	77347.7	430.9767	2565.022
213.9855	-136.153	0.078406	174.5097	27841.62	22415.02	85786.9	435.407	2187.668
265.773	-165.165	0.02208	220.224	34444.42	28976.59	81153	448.3641	2435.924
267.4444	-156.311	0.001211	219.4226	31190.04	32004.93	82966.1	445.8122	2330.601
270.3132	-165.483	-0.04911	224.5619	34480.03	30191.38	82526.9	453.4662	2519.501
256.1701	-154.067	0.098817	219.6573	33855.02	29407.81	84761.5	449.815	2441.161
263.8068	-161.764	0.010115	220.3394	34064.7	29388.47	78839.5	436.9007	2258.772
282.3369	-176.881	-0.09371	235.5879	37481.38	30368.48	74537.7	437.0746	2478.322
239.1921	-147.293	-0.07325	201.8753	31676.05	26466.06	80689.3	428.8164	2465.865
276.7647	-155.92	-0.01161	249.8079	37137.51	34805.6	82302.4	443.1049	2469.043
268.3448	-153.327	0.044425	246.5804	37888.17	33124.54	85948.2	453.1983	2496.861
257.1735	-142.782	-0.04327	237.5034	35455.24	32946.11	88085.6	450.0826	2566.665

256.5148	-142.952	-0.01014	233.8799	34653.98	32705.06	90474.4	458.5826	2512.338
278.7047	-159.992	0.056584	253.5663	38835.34	34189.96	86408.3	461.5139	2451.031
194.818	-122.724	0.062348	158.5809	24909.82	20763.25	86362	423.9387	2227.457
272.6249	-151.13	0.021228	259.5593	39763.36	34990.26	82050.5	437.423	2437.149
262.2431	-142.504	-0.01857	253.4207	38501.79	34485.92	85047.7	439.2125	2284.194
260.198	-138.69	-0.02091	254.0848	38183.18	34994.17	89092	449.4854	2173.929
264.7606	-148.153	0.061507	245.9345	37246.13	33582.31	87140.5	452.2007	2428.412
285.377	-164.232	0.040554	263.3616	40961.04	34888.37	79818.8	442.7728	2455.897
281.0066	-140.479	0.024804	275.8148	38962.37	40474.68	81848.4	425.9997	2460.408
256.8788	-133.516	0.047989	247.8829	35861.49	35528.92	79516.4	410.9017	2373.139
293.649	-154.546	-0.09399	287.7972	42821.34	40062.13	78222	427.5094	2286.756
213.3089	-128.19	0.07153	191.3933	30608	24515.22	87942.1	434.9418	2346.135
291.9359	-159.89	0.039832	280.1051	42638.61	38031.7	80014.7	439.0993	2479.195
298.1108	-157.027	-0.01324	278.3906	39548.13	40631.89	84624	452.2976	2504.663
297.721	-167.999	-0.03728	277.5061	42561.17	37359.1	88217.5	475.8334	2405.914
297.2254	-159.856	0.010596	282.396	41769.85	39562.63	90455.2	475.4725	2128.372
293.3097	-159.695	0.037404	278.579	41751.67	38480.22	92894.3	483.8153	2259.462

[deg C]	[deg C]	[deg C]	[deg C]	[deg C]	[deg C]	[deg C]	[deg C]	[deg C]
39.71306	38.38677	36.89656	39.74132	37.72684	36.9524	39.22226	38.27514	37.10549
39.18153	38.00038	36.66646	38.90316	37.31076	36.70587	38.70674	37.94788	36.86142
38.84976	37.75705	36.59715	38.87299	37.29476	36.67469	38.47649	37.81757	36.86253
38.44151	37.3563	36.34275	38.4462	37.13472	36.50415	38.23261	37.60764	36.63926
39.19976	37.9309	36.60503	39.13455	37.3576	36.69524	38.77351	37.95941	36.86156
38.7716	37.81604	36.61201	38.56649	37.21531	36.64847	38.34014	37.735	36.86753
37.60538	37.0367	36.12514	36.86806	36.35486	36.15372	37.21181	36.87545	36.35563
39.63063	38.26444	36.67257	39.20806	37.22719	36.65503	39.08212	38.13538	36.86149
40.87788	39.36163	37.66781	40.65205	38.42979	37.6192	40.18545	39.28583	37.86847
41.57938	39.98226	38.22132	41.37399	39.0708	38.16212	40.9775	39.95208	38.41594
43.98441	41.97705	39.54069	43.6676	40.63042	39.4608	43.30514	41.74059	39.70677
43.45281	42.0151	40.09552	43.24719	41.07997	40.03753	43.09111	41.93649	40.28503
42.89007	41.37934	39.71844	42.57281	40.48608	39.59597	42.31267	41.33979	39.88681
43.32281	42.00493	40.25219	42.92858	40.9526	40.07399	42.83278	41.87462	40.38431
40.98903	40.24191	39.19563	40.38389	39.48469	39.02681	40.59983	40.14313	39.34003
42.9883	41.20066	39.37896	42.56972	40.07899	39.18486	42.30948	41.11712	39.4691
43.26524	41.79635	40.04875	42.81226	40.85236	39.92024	42.77066	41.70479	40.18024
40.84729	39.93552	39.10997	40.47465	39.59194	39.03392	40.57167	40.12941	39.29576
41.37691	40.29264	38.95101	40.91691	39.40264	38.79181	40.85288	40.0699	39.08236
43.0276	41.55413	39.70628	42.69094	40.39913	39.51236	42.50681	41.29403	39.82125
43.26396	41.76413	40.06344	42.85826	40.81646	39.94111	42.67267	41.63927	40.23563
42.97889	41.93503	40.3709	42.49201	40.95076	40.19712	42.55236	41.68875	40.50747
38.93295	38.67299	38.51125	38.5258	38.58556	38.37705	38.72153	38.77476	38.68191
34.82743	35.28031	35.96722	34.22288	35.52993	35.87639	34.66552	35.3791	36.10319
41.68694	39.57264	37.55944	40.69031	37.98566	37.26417	40.53205	39.2176	37.49253
43.0333	41.35177	39.4199	42.32059	39.94625	39.09813	42.16344	40.99799	39.39861
44.00229	42.28608	40.32649	43.27979	40.91382	39.97222	43.09271	41.96191	40.30601
44.5374	42.98215	40.97417	43.66913	41.56753	40.64753	43.72177	42.57472	40.96153
42.03191	41.12354	40.07601	41.45813	40.3817	39.82059	41.36628	40.92733	40.13563
40.90483	39.97132	38.95139	39.85299	39.04441	38.69427	40.05149	39.63014	38.94212
39.48649	39.01837	38.59948	38.92128	38.78375	38.4376	39.0809	39.00646	38.65309
40.34108	39.26434	38.45431	39.61021	38.72878	38.25924	39.70323	39.29253	38.44806
39.45177	38.59434	38.08014	38.7541	38.25184	37.91778	38.9417	38.71451	38.08049
30.82476	32.05896	34.0566	30.61753	33.31913	34.06601	31.06983	32.38552	34.24052
35.7866	35.00389	34.72889	35.0426	34.79441	34.66135	35.19906	34.93767	34.73583
40.07503	38.70108	37.86184	39.26087	38.14229	37.7651	39.33604	38.65993	38.00118
41.87021	40.21347	39.36646	41.23993	39.5583	39.19771	41.15378	40.26778	39.60493
40.48108	39.26191	38.63653	39.85194	38.5416	38.41688	39.80837	39.37205	38.84101
39.07274	38.09743	37.68642	38.14177	37.52674	37.53566	38.55781	38.32233	37.80747
43.11108	41.13903	39.4424	42.27167	39.6584	39.10962	42.20042	40.94924	39.45191
42.39052	41.06684	39.69559	41.50938	39.97472	39.38507	41.64212	40.91212	39.74497
40.32719	39.14597	38.11931	39.74344	38.46031	37.92278	39.76566	39.19469	38.22729
41.4176	40.14819	38.7399	40.66771	39.15233	38.46566	40.77368	40.06403	38.76681
40.75316	39.90622	38.77503	39.97045	38.95059	38.44007	40.10295	39.67931	38.78934

40.56556	39.51372	38.39896	39.66295	38.66726	38.12663	39.95358	39.37795	38.4142
39.30517	38.40031	37.67795	38.61813	37.97146	37.53052	38.88913	38.4858	37.74934
39.37458	38.7124	37.81083	38.6709	38.00521	37.61663	38.90215	38.49608	37.8566
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39.10115	38.36375	37.63875	38.4474	37.84007	37.48628	38.68497	38.35538	37.71073
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39.23705	38.36983	37.60722	38.55715	37.86885	37.46851	38.00538	38.26722	37.58965
39.62444	38.87333	37.92076	38.97851	38.19181	37.76677	39.04917	38.4801	37.83319
38.9175	38.33868	37.5959	38.21795	37.68056	37.40253	38.16813	37.96389	37.5108
37.68462	37.27819	36.84	37.03146	36.78861	36.63042	36.86323	36.94271	36.75108
38.07924	37.42253	36.72951	37.36042	36.77101	36.52049	37.19545	37.05382	36.5951
39.43931	38.51823	37.45066	38.74899	37.71559	37.25698	38.52545	38.11212	37.29167
39.06594	38.38316	37.5384	38.47035	37.68417	37.32618	38.12743	37.98368	37.38826
40.24951	39.30632	38.0933	39.6026	38.40038	37.86476	39.33573	38.83531	37.90781
41.79115	40.62906	39.09073	41.12417	39.50608	38.84101	40.76208	40.09917	38.8726
43.06868	41.93236	40.22712	42.39878	40.69729	39.94188	42.03181	41.31691	39.98316
42.92573	41.85847	40.37264	42.20792	40.79622	40.11056	42.07934	41.37111	40.16385
42.80747	41.98997	40.63594	42.09094	40.89076	40.33483	41.79913	41.41438	40.39983
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41.7458	40.83069	39.51587	40.89944	39.74681	39.23715	40.91118	40.30215	39.32656
41.85972	41.04948	39.8034	41.12642	40.01319	39.52701	40.84247	40.49156	39.62736
42.93472	42.02524	40.60382	42.22007	40.89986	40.27542	41.93601	41.4592	40.36896
41.25521	40.73306	39.94677	40.59333	40.01969	39.64208	40.4409	40.38712	39.7834
33.10691	33.70451	35.7574	32.5084	34.87997	35.70635	32.52094	33.68809	35.83868
29.45639	29.6399	30.81198	28.78837	30.04222	30.88365	28.81823	29.56538	30.84611
27.8234	27.97167	28.3509	27.21361	28.0991	28.6142	27.53944	28.12441	28.61462
31.86677	31.54281	31.01854	31.94326	31.52514	31.39115	31.0999	31.08372	30.9242
34.63083	34.2325	33.67899	35.03375	34.35358	34.05021	33.75656	33.27962	33.0976
34.34233	34.20069	34.17694	34.40615	34.33941	34.3499	33.2551	33.26611	33.39271
33.98733	33.77906	33.77552	33.92045	33.81872	33.84601	33.09413	33.05983	33.09865
37.6941	37.06708	36.30135	37.645	36.6509	36.29972	37.00149	36.40142	35.83184
38.10399	37.62309	37.24573	37.98354	37.36625	37.18549	37.52983	37.15899	36.87715
37.96229	37.5067	37.16479	37.64087	37.08087	37.01434	37.1934	36.96125	36.93858
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35.75215	35.5692	35.45969	34.79948	35.18976	35.28615	34.62549	34.91531	35.21795
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36.00351	35.53285	35.29236	36.15281	35.5166	35.46802	35.81243	35.40156	35.39337
36.5366	35.99788	35.71253	36.7817	35.96104	35.8992	36.37156	35.8849	35.83236
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37.22104	36.57306	36.2266	37.60625	36.51	36.42306	37.14944	36.49594	36.38049

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33.89903	33.61847	33.62014	33.8725	33.65646	33.75201	33.46885	33.46188	33.67854
33.71781	33.45854	33.45948	33.32545	33.46892	33.57399	33.35538	33.31375	33.52403
31.61351	31.76201	32.16257	30.6566	31.84101	32.15007	30.93326	31.60896	32.16201
32.00931	31.7167	31.7458	31.89646	31.79816	31.89597	31.46934	31.50177	31.82219
32.09243	31.83378	31.86128	32.02406	31.93535	32.04462	31.63931	31.66799	31.96215
31.68524	31.55882	31.68865	31.43986	31.70951	31.84493	31.09253	31.35587	31.77493
28.64479	29.03691	29.73705	27.53045	29.25538	29.73101	27.78951	28.93712	29.79243
27.92142	28.16667	28.72608	26.92142	28.20844	28.59542	27.08073	27.96451	28.61094
28.83455	28.66295	28.82819	28.41688	28.74486	28.91677	28.21281	28.44372	28.84097
29.03813	28.83757	28.95931	28.87608	29.00115	29.1424	28.42632	28.61153	29.01976
29.38326	29.11413	29.14677	29.27774	29.25149	29.34938	28.74764	28.85146	29.20365
29.63691	29.34069	29.30906	29.51788	29.45274	29.51792	29.07712	29.05486	29.33965
30.38726	29.97049	29.7567	30.23274	29.99712	29.98396	29.84531	29.62844	29.79326
29.75632	29.55469	29.60285	29.28809	29.73024	29.84056	29.1925	29.30507	29.66486
28.32896	28.41486	28.85087	27.53941	28.60431	28.92326	27.56556	28.2751	28.79705
27.11799	27.18073	27.65753	26.47434	27.47535	27.77021	26.39559	27.04476	27.62604
27.88948	27.67514	27.78674	27.50813	27.88931	27.99764	27.19934	27.40271	27.81274
26.8275	26.82757	27.26337	26.41691	27.25351	27.51688	26.23142	26.72031	27.2775
27.7283	27.48431	27.50677	27.55972	27.74941	27.8199	27.20708	27.19694	27.55403
22.6159	23.46774	25.13372	21.44976	24.38125	25.22552	21.48094	23.71733	25.05729
23.24104	23.41052	24.11413	21.45135	22.87913	23.52122	22.25344	23.25941	24.08375
24.25861	24.21118	24.54948	23.90979	24.56066	25.03226	23.44243	24.04604	24.61198
25.33094	25.13191	25.20417	25.06774	25.42441	25.75333	24.54552	24.86545	25.2824
25.62333	25.45632	25.53528	25.38913	25.80885	26.1591	24.90413	25.18469	25.59
25.68729	25.57333	25.66396	25.22826	25.75868	26.0983	24.91663	25.19806	25.58764
25.68622	25.53563	25.63531	25.21601	25.68868	26.05208	24.87903	25.18174	25.55736
25.4784	25.41451	25.61163	25.08413	25.76507	26.19299	24.71882	25.16167	25.61316
24.06066	24.14674	24.64653	23.99309	24.91365	25.41535	23.13319	23.94747	24.67396
25.25309	24.98576	24.97986	24.96132	25.23253	25.53951	24.55226	24.59132	24.9591
25.46823	25.32045	25.38646	25.36972	25.72753	26.03347	24.66434	24.92906	25.36642
25.60698	25.41642	25.43472	25.48885	25.79313	26.08483	24.88271	25.04049	25.44076
24.79347	24.77281	25.05236	24.85618	25.49733	25.89764	24.00444	24.47708	25.07656
25.20458	25.01847	25.07288	25.1433	25.47354	25.78833	24.46007	24.64677	25.06948
25.17885	25.03392	25.15302	25.13628	25.53986	25.85938	24.42094	24.69458	25.1241
24.47861	24.46892	24.77021	24.4133	25.11156	25.50726	23.56208	24.10677	24.72021
24.39538	24.30003	24.52934	24.35295	24.89538	25.28969	23.63573	23.99639	24.53486
25.26635	25.02882	24.98941	25.29174	25.39316	25.59104	24.44139	24.57847	24.96146
25.78323	25.46677	25.2917	25.80132	25.68472	25.82889	25.25399	25.05594	25.31267
23.47663	23.86431	24.65219	23.59035	24.94701	25.42264	22.4275	23.71365	24.62163
22.86007	22.98451	23.52483	22.39007	23.49017	24.02309	21.81903	22.69198	23.41767
21.67993	21.87892	22.62191	21.22007	22.64778	23.32583	20.55069	21.64063	22.5391
21.52128	21.64528	22.26358	21.2716	22.40628	23.03378	20.40288	21.31302	22.17771
22.02813	22.01264	22.40056	21.8059	22.625	23.16372	20.97493	21.61885	22.30726
22.4401	22.3449	22.61969	22.13635	22.85337	23.34212	21.34969	21.87503	22.48604

22.2051	22.23399	22.6051	22.01229	22.89132	23.41951	21.1417	21.75451	22.44868
22.20503	22.12858	22.46024	21.77052	22.64076	23.19847	21.26997	21.74274	22.30222
20.37646	20.77892	21.6942	20.16635	21.82417	22.52372	19.04153	20.5576	21.61083
19.87622	19.94271	20.64931	19.49896	20.79243	21.47639	18.74705	19.6484	20.55854
20.97913	20.83021	21.11674	20.72573	21.39701	21.89844	19.91358	20.34542	20.94733
21.1399	21.12725	21.49923	20.90749	21.78592	22.30345	19.98801	20.61937	21.32
20.33931	20.41014	20.97757	20.12271	21.27323	21.88097	19.1341	19.96163	20.82969
20.49288	20.45142	20.89878	19.98878	21.06983	21.70514	19.75826	20.16524	20.72271
22.73045	22.2017	21.94354	22.1858	22.1583	22.46403	21.9125	21.65215	21.72892
23.10892	22.75413	22.64038	22.9959	22.98576	23.14351	22.39903	22.29153	22.44212
23.93365	23.52486	23.27559	23.50083	23.47774	23.6401	22.98698	22.92705	23.07566
22.87052	22.78833	22.98747	22.64656	23.27069	23.66431	21.75215	22.23358	22.79563
22.2591	22.23715	22.55139	21.85194	22.7334	23.21389	21.09563	21.7692	22.36851
20.56615	20.74403	21.40389	20.2941	21.56028	22.18948	19.23837	20.23556	21.20361
19.91997	20.0958	20.77514	19.63337	20.9233	21.58233	18.53573	19.56542	20.55858
20.66503	20.56941	20.8917	20.15896	21.01038	21.55865	19.44219	20.02608	20.65007
20.21747	20.2534	20.73694	20.06542	20.94688	21.40278	19.11063	19.83066	20.55233
21.52323	21.34934	21.44924	20.87816	21.45212	21.86118	20.50497	20.85267	21.21944
18.52507	18.92174	19.91007	18.46226	20.03747	20.67774	17.67594	18.81635	19.81076
14.77698	15.89462	17.78594	14.77729	17.73507	18.65556	13.66417	15.96194	17.77243
16.74462	16.80128	17.39302	15.93	17.13927	17.76042	15.61872	16.4717	17.22951
16.91743	17.13469	17.92441	16.33899	17.87292	18.57823	15.53753	16.59875	17.73604
16.9758	17.09816	17.81184	16.65306	17.9567	18.66215	15.69434	16.57976	17.63708
16.93316	17.01587	17.69688	16.75507	17.93906	18.56781	15.77885	16.54507	17.52941
17.72632	17.75826	18.28545	17.47708	18.49073	19.02233	16.6883	17.31646	18.08163
16.87819	16.98462	17.71438	16.65	17.9051	18.56222	15.55448	16.48642	17.50726
17.49385	17.38226	17.83441	17.29024	18.06535	18.57212	16.49198	16.93747	17.60802
18.46118	18.27208	18.54604	18.20177	18.77354	19.18271	17.22448	17.70545	18.32427
17.88941	17.89625	18.42233	17.53163	18.59073	19.1583	16.79372	17.43698	18.15243
16.51878	16.65115	17.465	16.48601	17.74663	18.35986	15.43726	16.28493	17.26948
16.99972	16.93788	17.46823	16.66653	17.66549	18.26705	15.79563	16.42594	17.22694
16.90663	17.19194	17.88677	16.77108	18.12906	18.70399	15.58703	16.74358	17.64986
12.35465	13.10594	14.75205	12.22642	14.76674	15.79774	10.81998	12.87427	14.55677
12.07967	12.62075	13.94253	11.98947	14.08792	15.03194	10.46171	12.21887	13.72351
12.12511	12.51265	13.59378	12.25705	13.83014	14.52941	10.77787	12.11597	13.37229
12.46345	12.79604	13.75819	12.3185	13.92882	14.62257	11.04411	12.38948	13.55913
9.348719	10.32667	12.16601	9.297378	12.2026	13.33469	7.717399	10.17856	12.02392
9.124191	9.586743	10.99467	8.840573	11.0458	12.12514	7.572073	9.2975	10.80817
11.62695	11.61751	12.2034	11.45556	12.4891	13.18424	10.31684	11.05225	11.91819
13.02924	12.98201	13.38837	12.81875	13.64559	14.18462	12.19635	12.64118	13.15708
13.14119	13.23122	13.775	12.92623	14.00396	14.59153	11.70491	12.70396	13.54615
14.40692	14.17281	14.36753	14.11649	14.70594	15.19535	13.09691	13.5451	14.1009
15.07764	14.86712	15.0525	14.89681	15.45069	15.87993	13.70967	14.17938	14.76479
15.40854	15.25274	15.4451	15.36125	15.85715	16.2167	14.16122	14.58503	15.12733
16.69701	16.31653	16.21028	16.36344	16.55865	16.88608	15.61899	15.65198	15.8817
16.5591	16.46503	16.6492	16.30837	16.9291	17.2826	15.79076	16.04441	16.36962
15.54368	15.46771	15.84712	15.26087	16.04528	16.50628	14.35342	14.98014	15.61559

16.095	16.0108	16.29899	15.71958	16.48177	16.95427	15.03319	15.58337	16.09111
14.83885	14.98174	15.58906	14.6175	15.77767	16.36972	13.29732	14.37778	15.31965
14.16191	14.3333	15.0176	13.94292	15.20094	15.84816	12.54975	13.69858	14.69819
14.98462	14.92215	15.28608	14.65146	15.47538	16.00924	13.48314	14.2349	14.94069
15.81267	15.61063	15.76913	15.57882	16.09194	16.52767	14.35036	14.84826	15.42236
16.53295	16.28302	16.37083	16.18278	16.69701	17.12667	15.28625	15.64715	16.07802
15.6774	15.64042	16.03003	15.40896	16.32014	16.84361	14.20592	14.98417	15.72854
14.64439	14.75701	15.35844	14.55156	15.66083	16.25083	13.07892	14.07608	15.04229
14.60684	14.72316	15.30726	14.28188	15.50264	16.15063	13.35337	14.18767	14.96292
14.26126	14.31	14.84569	14.05894	15.0583	15.61878	13.06408	13.84847	14.6033
13.72139	13.85844	14.51045	13.59244	14.77215	15.37476	12.22467	13.26934	14.23844
13.68207	13.75575	14.34292	13.47857	14.61625	15.24274	12.1266	13.08729	14.01722
14.48354	14.38302	14.69885	14.19427	15.00479	15.54667	13.0196	13.63691	14.33201
15.41938	15.2084	15.32816	15.24299	15.70549	16.12837	14.07126	14.45049	14.97715
15.69233	15.52625	15.68333	15.54465	16.07573	16.48833	14.37664	14.785	15.33042
15.49052	15.46181	15.78274	15.06583	15.99535	16.5349	14.22521	14.83521	15.42066
15.17646	15.15042	15.51229	14.90743	15.78174	16.29215	13.73587	14.43316	15.15038
14.09934	14.24722	14.89219	13.96064	15.14465	15.7491	12.5761	13.54438	14.53892
13.30929	13.41201	14.07903	13.30249	14.34503	14.84667	12.18784	12.90858	13.79823
14.25701	14.27913	14.70292	13.89819	14.85351	15.33365	12.95713	13.69486	14.41243
14.39317	14.33358	14.68792	14.10965	14.88135	15.37448	13.10876	13.70813	14.37795
14.91028	14.72927	14.92997	14.58514	15.17552	15.62094	13.64124	14.0641	14.6226
15.27972	15.09861	15.27344	14.93226	15.52083	15.96962	13.97217	14.40712	14.96194
16.01816	15.79823	15.83087	15.79965	16.1175	16.38962	14.95967	15.19247	15.55212
16.06899	15.80569	15.89413	15.5792	16.10194	16.47101	14.85907	15.16997	15.62986
17.15837	16.68309	16.47045	16.87222	16.77594	17.01205	16.23625	16.07313	16.20771
18.15365	17.70087	17.41389	17.75806	17.72361	17.92865	17.05167	16.97108	17.08573
17.77431	17.45802	17.36885	17.50201	17.69306	17.94976	16.56972	16.75115	17.05892
18.29792	17.93191	17.7767	17.95524	18.11552	18.35608	17.06295	17.17986	17.42962
16.76139	16.72965	17.05056	16.61993	17.35601	17.76309	15.38654	15.94198	16.66146
15.72354	15.82014	16.33031	15.57323	16.58035	17.05253	14.62371	15.22729	15.99733
16.16024	15.99792	16.20688	15.83767	16.41503	16.80625	14.95994	15.31167	15.86198
16.15108	15.94962	16.14875	16.01306	16.41247	16.75038	15.43444	15.5167	15.88611
19.07101	18.52816	18.0183	18.60677	18.28809	18.32931	18.06299	17.78601	17.72247
17.94385	17.58385	17.50889	17.62889	17.79177	18.06781	16.88164	16.86764	17.20094
18.70642	18.30507	18.07997	18.43306	18.31611	18.42604	18.21201	17.88913	17.84344
21.34191	20.64934	19.84139	20.73153	19.99753	19.90722	20.61017	20.02594	19.56729
19.59615	19.1434	18.89611	19.26747	19.09892	19.23014	18.62264	18.49753	18.63177
21.4424	20.91698	20.33743	20.74434	20.48708	20.53003	20.46368	20.16545	19.9941
19.29188	19.09059	19.15608	18.88365	19.30823	19.65163	18.17507	18.43174	18.87278
19.65618	19.35163	19.24764	19.23146	19.42542	19.70913	18.63333	18.67524	18.93851
19.17097	18.99288	19.04066	18.83108	19.19622	19.47316	18.26764	18.42993	18.75052
18.47597	18.42549	18.64306	17.94288	18.60469	18.95958	17.7141	18.05448	18.40097
16.92066	17.14667	17.75476	16.44795	17.66497	18.20462	15.56774	16.66837	17.57313
14.21227	14.5925	15.66198	13.94419	15.56688	16.31087	12.76333	14.16583	15.51938
15.82486	15.77497	16.13219	15.26226	16.09028	16.57566	14.68176	15.23302	15.92094
16.43208	16.15646	16.2524	15.96035	16.32931	16.73215	15.46072	15.61712	16.04979

18.21486	17.93021	17.73979	17.50882	17.76174	18.07323	17.16323	17.31191	17.50382
17.78441	17.5684	17.5901	17.20028	17.60021	18.00177	16.96719	17.09101	17.35309
16.36983	16.42993	16.8726	16.00372	16.90149	17.38556	15.42302	15.95889	16.64438
18.33913	17.92278	17.65715	17.8141	17.7526	17.99538	17.46823	17.3466	17.41826
19.21219	18.79149	18.45493	18.80115	18.66917	18.88469	18.31257	18.13344	18.17368
20.89722	20.22111	19.51809	20.27222	19.71507	19.76132	20.15212	19.57934	19.20854
21.19767	20.68951	20.20368	20.67278	20.42472	20.51635	20.31934	19.97198	19.9426
21.36524	20.83538	20.34243	20.93715	20.59021	20.66854	20.51892	20.16201	20.05427
21.64875	21.12788	20.63438	21.20861	20.89545	21.00559	20.83267	20.45128	20.34406
22.22601	21.65045	21.06781	21.77465	21.35552	21.43066	21.38681	20.92934	20.73896
22.11142	21.59899	21.1276	21.79691	21.44611	21.50125	21.32535	20.96906	20.85021
20.94521	20.75958	20.7424	20.41347	20.83906	21.12524	20.2617	20.30938	20.48118
22.60399	21.90448	21.22483	21.98976	21.41413	21.44434	21.95819	21.27257	20.98184
22.22708	21.79514	21.42927	21.90378	21.72684	21.79267	21.34743	21.15493	21.18594
22.47875	22.05479	21.68028	21.89455	21.81726	21.98295	21.68413	21.49132	21.41194
21.34271	21.11913	21.06594	20.94708	21.21844	21.45573	20.31205	20.51455	20.80194
21.03295	20.75306	20.67705	20.33958	20.66483	21.01691	20.23653	20.22816	20.37514
20.18083	20.04868	20.16542	19.87622	20.2976	20.6166	19.23635	19.54712	19.95358
21.33163	20.90337	20.58347	20.79229	20.69628	20.86767	20.43934	20.30122	20.36083
21.89177	21.44368	21.06264	21.32694	21.2176	21.40069	20.99955	20.77608	20.75948
22.2534	21.75972	21.37097	21.63399	21.50792	21.70132	21.35882	21.17104	21.08653
22.15184	21.73767	21.43917	21.40153	21.49368	21.6984	21.33469	21.22344	21.20257
23.7233	22.99427	22.2508	23.04413	22.33969	22.35198	22.96392	22.38872	21.97792
19.74476	20.24837	21.06313	19.90729	21.11823	21.5251	19.23813	20.49226	21.14264
19.40017	19.49747	19.81118	19.21253	19.76649	19.89222	18.76288	19.66063	20.03344
19.81208	19.54635	19.54115	18.98122	19.32458	19.48878	18.90722	19.28052	19.52979
22.23194	21.71198	21.07226	21.16931	20.96115	20.9683	21.50024	20.95531	20.54823
24.10198	23.46052	22.48684	23.07035	22.50799	22.3808	23.39285	22.53837	21.75753
25.26427	24.525	23.4499	24.16354	23.48965	23.37264	24.66108	23.48424	22.6392
27.32792	26.40118	24.98927	26.06545	25.12642	24.92406	26.65101	25.02618	23.83597
25.73649	25.36542	24.73021	24.98951	24.75743	24.62469	25.19597	24.76778	24.11934
24.55115	24.36559	23.93181	23.77309	23.80042	23.7558	23.99382	23.89361	23.48413
25.03309	24.52115	23.85122	24.06233	23.76615	23.70983	23.94181	23.61507	23.21149
25.2608	24.8616	24.20431	24.33531	24.15118	24.12566	24.36194	24.04503	23.49979
24.08903	23.93747	23.71708	23.56035	23.66955	23.65885	23.50434	23.62472	23.39038
23.67493	23.48587	23.18934	22.82347	23.0508	23.11962	23.22882	23.10486	22.87056
24.0433	23.69639	23.28899	23.16705	23.19385	23.28927	23.30771	23.1034	22.83649
25.57045	24.99483	24.09608	24.5301	24.1109	24.01274	25.10684	24.16271	23.37333
25.90819	25.48781	24.71344	25.04274	24.69628	24.58806	25.41854	24.71938	24.0566
26.80566	26.22031	25.26347	25.90257	25.28313	25.14167	26.08799	25.35424	24.49309
26.18083	25.64563	24.9267	25.19299	24.91198	24.92476	25.37003	24.77375	24.29587
25.15351	25.13938	24.90896	24.43278	24.84583	24.94875	24.73035	24.7558	24.43833
24.51528	24.30396	24.01125	23.62385	23.88236	24.03191	23.85462	23.90632	23.67462
23.34951	23.21944	23.2233	22.59774	23.02372	23.27052	22.41212	22.85302	23.0334
25.12101	24.57813	23.88483	24.04201	23.7466	23.80872	24.10788	23.6091	23.21816
26.74299	26.09917	25.13181	25.63503	25.16521	25.08896	26.00365	25.10493	24.26656
26.53941	26.04392	25.35469	25.52396	25.28955	25.30858	25.71892	25.20399	24.66684

27.56927	26.85719	25.91222	26.36115	25.85788	25.86503	26.8509	25.72663	24.99767
28.04163	27.37448	26.41444	26.90608	26.41507	26.34149	27.28462	26.3559	25.53722
24.64333	24.82649	24.99243	23.75795	24.65288	24.79986	23.47104	24.58413	24.9
25.00545	24.49601	24.12538	23.73837	23.75431	23.84615	24.43184	23.80698	23.57962
25.45993	24.96438	24.54326	24.38913	24.25167	24.33486	24.63347	24.28378	24.03208
26.37385	25.64444	24.97035	25.37281	24.8209	24.80111	25.64736	24.84323	24.36691
27.17559	26.40503	25.65087	26.14573	25.74045	25.65608	26.6875	25.67069	25.09979
26.32413	25.86056	25.40479	25.30566	25.22601	25.22264	25.56552	25.30031	24.96094
24.30778	24.21319	24.30444	23.19608	23.67872	23.84278	23.38111	23.86212	24.0283
22.44375	22.60455	23.00132	21.27427	22.1526	22.40823	21.38594	22.31983	22.79375
23.29538	22.79976	22.61222	22.07819	22.08316	22.29847	22.45757	22.21295	22.21483
24.21715	23.69958	23.36257	23.28247	23.21115	23.31969	23.54785	23.1541	22.99608
25.06267	24.40097	23.83917	24.14743	23.80528	23.7258	24.60753	23.84208	23.45104
26.64434	25.68632	24.80066	25.82743	24.98073	24.79976	26.31056	25.00878	24.3275
29.28635	27.92785	26.47913	28.58038	27.09792	26.72038	28.97309	27.07708	25.84865
29.84236	28.70233	27.45503	29.07413	27.87872	27.59708	29.51931	27.94618	26.87115
30.82795	29.54965	28.18198	29.995	28.72885	28.42941	30.41524	28.67795	27.56354

[m3 m-3]	[m3 m-3]	[m3 m-3]	[m3 m-3]	[m3 m-3]	[m3 m-3]	[m3 m-3]	[m3 m-3]	[m3 m-3]
0.006056	0.013934	0.021306	0.01149	0.013385	0.016601	0.007139	0.01108	0.017938
0.005722	0.013549	0.021101	0.011146	0.013264	0.016493	0.006924	0.01075	0.017747
0.006042	0.013785	0.02101	0.011354	0.013208	0.01641	0.007073	0.010979	0.017545
0.006049	0.013725	0.020933	0.011324	0.01318	0.016356	0.007074	0.010887	0.017472
0.006031	0.01374	0.020965	0.011306	0.013153	0.016361	0.007059	0.010972	0.017479
0.006417	0.013983	0.020958	0.011507	0.01316	0.016351	0.007201	0.011101	0.017455
0.006778	0.01399	0.020837	0.011566	0.013059	0.016264	0.007358	0.011108	0.017406
0.007351	0.014795	0.021149	0.012243	0.013309	0.016431	0.007965	0.011406	0.017688
0.007951	0.01517	0.021615	0.012538	0.013563	0.016785	0.00816	0.01184	0.018052
0.007715	0.015372	0.021792	0.012688	0.013691	0.016938	0.008149	0.01183	0.018201
0.007306	0.014764	0.021906	0.012222	0.013764	0.017094	0.007944	0.011729	0.018285
0.007045	0.014406	0.021639	0.01192	0.013493	0.016896	0.007677	0.011472	0.018017
0.00809	0.015396	0.021642	0.012705	0.013556	0.01684	0.008344	0.011833	0.017931
0.008944	0.016128	0.022097	0.013219	0.013865	0.017045	0.008976	0.012281	0.018233
0.008559	0.015972	0.021903	0.013122	0.013753	0.016948	0.008861	0.012174	0.018083
0.007854	0.015431	0.022021	0.012635	0.013816	0.017	0.008375	0.01184	0.018219
0.007826	0.015038	0.021753	0.012535	0.013635	0.016927	0.008233	0.011872	0.018083
0.009278	0.016142	0.021687	0.013326	0.01375	0.016847	0.009094	0.012229	0.01801
0.008497	0.015892	0.02174	0.012903	0.013792	0.016941	0.008538	0.011983	0.018083
0.007924	0.015333	0.021764	0.012483	0.013663	0.016948	0.008194	0.011861	0.018111
0.007014	0.014368	0.021347	0.011493	0.013295	0.016604	0.00766	0.011205	0.01759
0.008719	0.015434	0.02124	0.012667	0.013274	0.016462	0.008757	0.011851	0.017483
0.011368	0.017667	0.02158	0.014535	0.01375	0.016667	0.010295	0.013	0.017764
0.013576	0.019052	0.021681	0.015649	0.013892	0.016618	0.011087	0.013681	0.017955
0.011118	0.018663	0.022913	0.014868	0.015073	0.017691	0.010267	0.013601	0.019236
0.009052	0.016514	0.022781	0.013233	0.014403	0.017753	0.009101	0.012667	0.018878
0.008372	0.015958	0.022253	0.012938	0.013944	0.017333	0.008698	0.012073	0.018333
0.007792	0.015288	0.021847	0.012222	0.013712	0.017035	0.008125	0.011733	0.018101
0.006427	0.014042	0.020823	0.011146	0.012941	0.016212	0.007135	0.010868	0.017142
0.006184	0.013517	0.020271	0.010903	0.012424	0.015823	0.007024	0.01042	0.016451
0.006035	0.013274	0.019962	0.01066	0.012194	0.015663	0.006781	0.01026	0.016233
0.009007	0.015521	0.02026	0.012788	0.012531	0.015719	0.008858	0.011778	0.016378
0.011417	0.017733	0.021194	0.014604	0.013715	0.016344	0.010253	0.013128	0.017354
0.045141	0.10361	0.023896	0.049262	0.01701	0.017156	0.031303	0.014512	0.021437
0.069125		0.037465		0.034135	0.025323	0.062882		0.043313
0.057671		0.04933	0.070012	0.049288	0.034434	0.053243	0.064553	0.06133
0.036104	0.07708	0.057753	0.052674	0.057944	0.040733	0.034035	0.055635	0.065915
0.024604	0.061385	0.061455	0.035691	0.062656	0.04341	0.023458	0.04376	0.069844
0.022354	0.047809	0.062507	0.029865	0.062278	0.044462	0.020792	0.035556	0.070325
0.018104	0.038278	0.064479	0.025389	0.060986	0.046528	0.017833	0.029243	0.069451
0.014361	0.030184	0.062924	0.021201	0.052247	0.047861	0.01508	0.023771	0.069704
0.011931	0.025486	0.053299	0.01876	0.039229	0.045979	0.013118	0.020719	0.064958
0.011892	0.023889	0.043767	0.018031	0.030576	0.041056	0.012882	0.0195	0.055656
0.011326	0.022674	0.037417	0.017149	0.026108	0.034097	0.01241	0.018691	0.045142

0.010083	0.020878	0.033649	0.015927	0.023257	0.029517	0.011458	0.017399	0.038438
0.009493	0.01941	0.030594	0.015014	0.02075	0.02626	0.010733	0.016285	0.033455
0.009118	0.018962	0.028896	0.014517	0.019413	0.02425	0.010375	0.01567	0.030285
0.009003	0.018698	0.027632	0.014274	0.018455	0.022861	0.01034	0.015278	0.027892
0.008965	0.018139	0.026295	0.014003	0.017403	0.021562	0.010184	0.014663	0.025694
0.008587	0.018059	0.025847	0.013955	0.017094	0.021132	0.009899	0.014563	0.024625
0.00767	0.017	0.024934	0.013167	0.016326	0.020194	0.004906	0.013753	0.023556
0.007052	0.016455	0.024188	0.012455	0.015715	0.019444	0.004681	0.013	0.022913
0.006899	0.015872	0.023368	0.012278	0.01501	0.018726	0.00599	0.012389	0.021712
0.007045	0.01576	0.022722	0.012337	0.014569	0.018149	0.006076	0.012326	0.020781
0.007552	0.016292	0.022569	0.012622	0.014566	0.018017	0.006431	0.012594	0.020486
0.007663	0.016462	0.022663	0.012747	0.014667	0.018087	0.006646	0.012601	0.020462
0.008174	0.016566	0.022493	0.013052	0.014559	0.017878	0.006896	0.012712	0.020094
0.008184	0.016965	0.022622	0.013326	0.014698	0.018021	0.007073	0.012941	0.020142
0.008285	0.017226	0.022764	0.013441	0.01484	0.018073	0.007222	0.013163	0.020184
0.007979	0.017003	0.022813	0.013198	0.014878	0.018104	0.007059	0.013031	0.020226
0.008278	0.017101	0.022653	0.013316	0.014736	0.017913	0.007118	0.013042	0.019844
0.008632	0.017451	0.022552	0.013583	0.01466	0.017878	0.007458	0.013188	0.019635
0.009181	0.017587	0.022267	0.013951	0.01458	0.017667	0.007705	0.013285	0.019465
0.00916	0.017917	0.022674	0.014035	0.014913	0.017847	0.007812	0.013615	0.019747
0.008708	0.017271	0.022528	0.013545	0.014656	0.017792	0.007396	0.013229	0.019483
0.009771	0.018319	0.022722	0.014299	0.015101	0.017872	0.008045	0.01375	0.019785
0.010031	0.018431	0.022753	0.01476	0.015059	0.017892	0.008288	0.013785	0.01974
0.029447	0.038306	0.022417	0.039548	0.015003	0.017257	0.026757	0.019024	0.019097
0.103683	0.131156	0.108126	0.109136	0.078021	0.082503	0.077808	0.081955	0.081484
0.14776	0.183177	0.205243	0.148188	0.14384	0.155753	0.110844	0.142434	0.163597
0.114063	0.14509	0.168229	0.110691	0.119881	0.13498	0.087451	0.116986	0.141183
0.09233	0.125164	0.146831	0.087333	0.101432		0.071368	0.098847	
0.080913			0.077146	0.09252		0.063771	0.089212	
0.074302	0.1		0.072021	0.087224		0.059917	0.083854	
0.069455	0.096321		0.068938	0.083844		0.057292	0.081528	
0.062844	0.090734		0.063712	0.081546		0.05333	0.078236	
0.057194	0.086556		0.059451	0.078782		0.049792	0.075531	
0.051785	0.083386		0.055476	0.077094		0.04675	0.073573	
0.048208	0.079896		0.052073	0.074847		0.043521	0.069899	
0.044771	0.078747		0.049983	0.073236		0.041976	0.069417	
0.039319	0.07558		0.044483	0.072806		0.037875	0.067559	
0.040392	0.073462		0.042858	0.070274		0.0365	0.064802	
0.043604	0.074625		0.045368	0.06949		0.039028	0.065038	
0.05818	0.08082		0.068242	0.070122		0.057566	0.072263	
0.072828	0.088444		0.066611	0.070639		0.051708	0.068889	
0.067674	0.084908		0.055667	0.069715		0.043306	0.065969	
0.059125	0.083316		0.04475	0.06874		0.036323	0.063875	0.077387
0.049441	0.079618		0.036885	0.067559	0.076	0.030556	0.061896	0.076415
0.042236	0.076302		0.031462	0.066479	0.075314	0.026122	0.060028	0.075602
0.037632	0.073292		0.02826	0.065306	0.074585	0.023104	0.058108	0.07496
0.033497	0.070333		0.02599	0.064229	0.073969	0.020437	0.056236	0.074258

0.029677	0.066878		0.023955	0.063087	0.073537	0.018326	0.053889	0.0735
0.027003	0.062802	0.088176	0.022628	0.061097	0.071773	0.016774	0.051299	0.071881
0.026139	0.060156	0.086625	0.022528	0.059823	0.070674	0.016649	0.049976	0.071198
0.025306	0.057549	0.085034	0.022326	0.058719	0.069479	0.016497	0.049	0.070125
0.023851	0.054372	0.082774	0.021875	0.057771	0.068424	0.015729	0.047931	0.06924
0.022007	0.050462	0.078736	0.020938	0.056087	0.066694	0.014851	0.046441	0.067628
0.021069	0.047524	0.074899	0.020743	0.055403	0.065514	0.014622	0.045694	0.066889
0.020281	0.044212	0.071698	0.02059	0.054563	0.064826	0.014441	0.044549	0.066368
0.018882	0.040653	0.068299	0.019892	0.053385	0.063795	0.013618	0.043163	0.065618
0.017753	0.037344	0.064448	0.019437	0.051184	0.061722	0.013142	0.042063	0.063764
0.017111	0.035615	0.061573	0.019229	0.049688	0.060264	0.01274	0.04158	0.062455
0.016538	0.033813	0.059368	0.018896	0.048712	0.059708	0.01225	0.040951	0.062278
0.016049	0.031802	0.057375	0.01883	0.047201	0.059142	0.012212	0.039906	0.062014
0.01575	0.030253	0.055663	0.018538	0.045642	0.058514	0.012087	0.038625	0.061663
0.015743	0.029156	0.054316	0.018601	0.044062	0.057944	0.012076	0.037111	0.061295
0.016111	0.028618	0.053194	0.019097	0.043076	0.057788	0.012194	0.036042	0.061059
0.015681	0.02774	0.051868	0.018795	0.042483	0.057642	0.011785	0.034705	0.060517
0.014479	0.02616	0.050257	0.017358	0.041562	0.057132	0.010431	0.032979	0.059413
0.013528	0.024882	0.048524	0.016653	0.04074	0.05624	0.009969	0.031802	0.058153
0.013149	0.024337	0.047278	0.016521	0.040483	0.056083	0.009788	0.030576	0.057816
0.013059	0.023771	0.045649	0.016497	0.039684	0.055604	0.009521	0.029326	0.057014
0.013201	0.023684	0.04449	0.016601	0.039493	0.055486	0.00958	0.028729	0.056653
0.012767	0.022542	0.042031	0.016542	0.038094	0.053639	0.009337	0.027684	0.05442
0.01351	0.023163	0.041188	0.018986	0.038635	0.05149	0.00958	0.028573	0.053816
0.013885	0.023271	0.041403	0.020535	0.039778	0.050816	0.009691	0.028427	0.053858
0.01408	0.023458	0.041642	0.020646	0.040306	0.050441	0.009955	0.027878	0.053802
0.014073	0.023462	0.041535	0.020535	0.040365	0.049691	0.009663	0.027361	0.053392
0.013719	0.023285	0.041441	0.020191	0.040122	0.048615	0.009302	0.026622	0.052833
0.013014	0.022747	0.041035	0.019788	0.039917	0.047528	0.008608	0.025802	0.052222
0.012559	0.022309	0.040684	0.019313	0.039646	0.04651	0.008219	0.024885	0.05159
0.012559	0.021778	0.039826	0.019167	0.038868	0.045219	0.008257	0.024156	0.050521
0.012858	0.022198	0.039719	0.019392	0.03866	0.044625	0.008333	0.023913	0.050233
0.012688	0.022101	0.039698	0.019271	0.0385	0.043882	0.008188	0.023326	0.049965
0.012677	0.022049	0.039323	0.01917	0.038139	0.043111	0.008167	0.023076	0.049406
0.01259	0.021722	0.038913	0.019076	0.037538	0.042163	0.00792	0.022375	0.048653
0.012781	0.021896	0.038667	0.019149	0.037167	0.041441	0.008118	0.022271	0.048222
0.012778	0.021958	0.038372	0.019128	0.036771	0.040924	0.008125	0.022083	0.047733
0.013184	0.022108	0.037892	0.019295	0.036351	0.040316	0.008434	0.021979	0.047042
0.013399	0.022344	0.037691	0.01949	0.03625	0.03999	0.008545	0.022042	0.04667
0.013469	0.02251	0.037858	0.019583	0.036253	0.039615	0.008493	0.022	0.046563
0.013472	0.022559	0.037861	0.01959	0.036274	0.039583	0.008333	0.02192	0.046319
0.012767	0.021635	0.037274	0.018851	0.035559	0.038569	0.007799	0.021358	0.045347
0.012917	0.021594	0.036399	0.018941	0.035174	0.038448	0.007941	0.021281	0.044514
0.012618	0.021271	0.035983	0.018705	0.035073	0.038063	0.008063	0.021257	0.043854
0.012569	0.021132	0.035847	0.018663	0.034927	0.037788	0.007708	0.021066	0.043736
0.012705	0.021226	0.035826	0.018705	0.034865	0.037722	0.007833	0.021125	0.04375
0.01275	0.02134	0.035924	0.018819	0.034736	0.037622	0.008076	0.021181	0.043722

0.012608	0.021153	0.035878	0.018691	0.034389	0.037389	0.007753	0.021	0.043559
0.013059	0.021406	0.035722	0.018753	0.034118	0.036941	0.008281	0.021122	0.043323
0.012059	0.020677	0.035385	0.018278	0.033628	0.036316	0.007378	0.020729	0.042837
0.011507	0.020045	0.034774	0.01783	0.033198	0.035903	0.006941	0.020201	0.04242
0.011674	0.020118	0.034892	0.017858	0.03325	0.035802	0.007014	0.020295	0.042632
0.011613	0.020087	0.034972	0.017843	0.033038	0.035599	0.00707	0.020202	0.04261
0.011757	0.020017	0.03459	0.017726	0.032385	0.035187	0.007208	0.02	0.042198
0.012142	0.02041	0.034486	0.018024	0.032184	0.034979	0.007236	0.020187	0.042087
0.012521	0.020903	0.034944	0.018431	0.032385	0.035128	0.007545	0.020562	0.042503
0.012649	0.021003	0.03524	0.018382	0.03209	0.034847	0.007962	0.020437	0.04249
0.012788	0.02126	0.035382	0.018622	0.032163	0.035083	0.007927	0.020674	0.04258
0.012649	0.021003	0.03517	0.018462	0.031587	0.034604	0.007861	0.020378	0.042194
0.013	0.02125	0.034882	0.018476	0.031104	0.034201	0.008052	0.020372	0.041795
0.012865	0.021	0.034316	0.018396	0.030618	0.033861	0.008149	0.020375	0.04125
0.012917	0.021076	0.034219	0.018399	0.030524	0.033729	0.008153	0.02041	0.04108
0.01351	0.021517	0.034392	0.018649	0.030733	0.033868	0.008368	0.020611	0.041219
0.013514	0.02159	0.034479	0.01875	0.030788	0.033743	0.008497	0.02074	0.041128
0.014094	0.022205	0.035014	0.019191	0.031188	0.034403	0.00891	0.021125	0.041479
0.01426	0.021625	0.034451	0.018719	0.03051	0.033615	0.009104	0.020809	0.040788
0.02049	0.022576	0.033649	0.018997	0.029885	0.03301	0.019646	0.020889	0.039878
0.049424	0.028781	0.033757	0.021097	0.030378	0.034167	0.041795	0.024104	0.040188
0.050792	0.035122	0.034663	0.023566	0.031667	0.035931	0.033844	0.027319	0.040701
0.04691	0.038816	0.035396	0.025295	0.032514	0.037132	0.030108	0.029451	0.040958
0.043417	0.040236	0.036003	0.026455	0.033076	0.038038	0.027604	0.031097	0.041128
0.04083	0.040997	0.037156	0.027285	0.033944	0.039056	0.025243	0.032608	0.041701
0.036892	0.039736	0.037472	0.026965	0.034208	0.03941	0.021875	0.032948	0.041715
0.033882	0.038854	0.038115	0.026267	0.034656	0.03966	0.019267	0.03366	0.04201
0.030545	0.037361	0.038976	0.025413	0.035465	0.039802	0.017156	0.034382	0.042712
0.026469	0.034736	0.039472	0.024038	0.035434	0.039427	0.014837	0.03401	0.042788
0.022781	0.031431	0.039427	0.022545	0.034865	0.038382	0.012878	0.032878	0.04251
0.021174	0.029774	0.039642	0.021913	0.034837	0.038101	0.012347	0.032142	0.042677
0.019694	0.028469	0.040188	0.021503	0.034691	0.037622	0.011642	0.031229	0.043066
0.016951	0.0255	0.038503	0.019785	0.03292	0.035913	0.009976	0.029132	0.041309
0.016382	0.024809	0.038115	0.019559	0.032622	0.035483	0.009712	0.028646	0.041035
0.016299	0.024483	0.037903	0.019448	0.03242	0.035073	0.009792	0.028382	0.040781
0.016215	0.024413	0.038243	0.019615	0.032528	0.03526	0.009976	0.028278	0.041
0.0145	0.022969	0.037406	0.01875	0.031778	0.034493	0.008604	0.027333	0.040184
0.013865	0.022403	0.036726	0.018437	0.031399	0.034118	0.008205	0.027014	0.039556
0.014219	0.02283	0.037524	0.018948	0.031962	0.034573	0.008503	0.027503	0.040156
0.014594	0.023017	0.038285	0.019104	0.032191	0.034625	0.009035	0.027465	0.040906
0.01483	0.023083	0.038375	0.019358	0.032215	0.03475	0.009253	0.027201	0.041035
0.014917	0.023483	0.038615	0.01959	0.032274	0.035003	0.009264	0.02734	0.041361
0.014497	0.023132	0.038972	0.019469	0.032278	0.03491	0.008993	0.026861	0.041642
0.014583	0.023108	0.039108	0.01933	0.03209	0.034635	0.009108	0.026267	0.041687
0.01484	0.023455	0.039347	0.019576	0.032181	0.034767	0.009316	0.026184	0.041906
0.014823	0.023208	0.039472	0.019552	0.031844	0.034521	0.009365	0.025667	0.041941
0.014726	0.023031	0.038684	0.019285	0.031267	0.03417	0.009354	0.025226	0.04141

0.015167	0.023385	0.038868	0.019434	0.031358	0.034288	0.00975	0.025292	0.041396
0.014549	0.022899	0.038354	0.019278	0.031063	0.034069	0.009139	0.024854	0.040934
0.014708	0.022819	0.038118	0.019073	0.030719	0.033813	0.009278	0.024656	0.040444
0.015014	0.023236	0.038267	0.019476	0.030917	0.034052	0.009451	0.025066	0.040583
0.014851	0.02334	0.038573	0.019594	0.031257	0.034319	0.00925	0.025125	0.04074
0.014479	0.023087	0.038972	0.019472	0.031313	0.034337	0.008965	0.024823	0.040924
0.013333	0.022149	0.038719	0.018733	0.03091	0.033729	0.008035	0.02391	0.040639
0.012653	0.021267	0.038229	0.018174	0.030337	0.033115	0.007444	0.022986	0.040181
0.012868	0.021229	0.038094	0.018	0.030101	0.032955	0.007816	0.022854	0.039983
0.012597	0.021062	0.037681	0.017903	0.029719	0.032462	0.007507	0.022635	0.039674
0.011941	0.02059	0.037358	0.017604	0.029542	0.032413	0.007066	0.022215	0.039413
0.011896	0.020347	0.037139	0.01749	0.029375	0.032153	0.007132	0.021913	0.039122
0.012181	0.020656	0.037312	0.017604	0.029406	0.032212	0.00726	0.02199	0.039177
0.012736	0.020906	0.037448	0.017868	0.029472	0.032424	0.007594	0.022181	0.039417
0.012951	0.021208	0.037538	0.01808	0.029479	0.032479	0.008056	0.022319	0.039354
0.013361	0.021444	0.037552	0.018139	0.02941	0.032462	0.008181	0.022354	0.039233
0.013274	0.021521	0.037358	0.018278	0.029316	0.032507	0.008101	0.022285	0.038962
0.012434	0.020816	0.037125	0.017708	0.029167	0.03216	0.007236	0.021764	0.038628
0.012101	0.020392	0.036701	0.01734	0.028632	0.03151	0.007219	0.021365	0.038292
0.012344	0.020691	0.037104	0.017583	0.029087	0.032087	0.007368	0.021604	0.038389
0.012417	0.020656	0.037	0.017594	0.029104	0.032049	0.007306	0.021563	0.038319
0.012691	0.020812	0.037111	0.017694	0.029201	0.032188	0.007483	0.021552	0.038378
0.012806	0.021024	0.037288	0.017823	0.029288	0.032316	0.007674	0.021691	0.038458
0.013226	0.021385	0.0375	0.018132	0.029333	0.032326	0.008118	0.021878	0.038562
0.012837	0.02125	0.03759	0.017993	0.029472	0.032531	0.007622	0.021785	0.038531
0.012698	0.021184	0.037851	0.01799	0.02949	0.032441	0.007462	0.021556	0.038663
0.0125	0.020993	0.038184	0.017878	0.02967	0.032524	0.007274	0.021292	0.038823
0.012226	0.02075	0.037878	0.017601	0.029215	0.031976	0.007149	0.02083	0.03851
0.011892	0.02049	0.03783	0.017462	0.029017	0.031778	0.006927	0.02051	0.038434
0.011646	0.019917	0.037111	0.016976	0.028288	0.031045	0.006809	0.020024	0.037771
0.011573	0.019698	0.036569	0.01683	0.027816	0.030521	0.006833	0.019885	0.037278
0.011753	0.019965	0.036448	0.016903	0.027635	0.030663	0.006906	0.019993	0.037188
0.011771	0.019937	0.036337	0.016972	0.027583	0.030354	0.007069	0.020052	0.036924
0.012278	0.020767	0.037219	0.017615	0.028205	0.031274	0.007201	0.020524	0.037611
0.011743	0.020212	0.036826	0.017073	0.027757	0.030729	0.006771	0.019958	0.037087
0.012069	0.02025	0.036931	0.017073	0.027514	0.030406	0.007024	0.020014	0.037059
0.012503	0.02101	0.037507	0.017806	0.027938	0.031024	0.007361	0.020618	0.037642
0.012153	0.02049	0.036705	0.017226	0.027271	0.030295	0.007267	0.019878	0.036583
0.012913	0.021243	0.037295	0.017837	0.027517	0.030764	0.007687	0.020479	0.036965
0.012726	0.020861	0.036576	0.017528	0.026986	0.030191	0.007483	0.020014	0.036111
0.012625	0.020944	0.036597	0.017569	0.026969	0.030094	0.007337	0.020066	0.035927
0.012642	0.020826	0.036455	0.017406	0.026642	0.029715	0.007385	0.020038	0.035639
0.01316	0.021212	0.03625	0.01758	0.026497	0.029726	0.007851	0.020062	0.035375
0.012295	0.020556	0.036014	0.017212	0.026222	0.029389	0.007104	0.01983	0.035125
0.011163	0.019493	0.035003	0.016358	0.025528	0.028594	0.00633	0.018757	0.034444
0.011938	0.019917	0.035299	0.016778	0.025809	0.028851	0.006924	0.019149	0.034788
0.012392	0.02034	0.03541	0.017007	0.025962	0.028986	0.007406	0.019531	0.034833

0.012938	0.021062	0.036299	0.017622	0.026497	0.029667	0.007615	0.020028	0.035337
0.013108	0.021132	0.036292	0.017469	0.026465	0.029483	0.007861	0.020056	0.035104
0.013229	0.020965	0.036042	0.017385	0.026118	0.029319	0.007809	0.019878	0.034896
0.013837	0.02184	0.036649	0.018188	0.026767	0.030042	0.00826	0.020604	0.035444
0.013771	0.021889	0.037236	0.018257	0.027191	0.030323	0.008205	0.020587	0.035799
0.013934	0.022205	0.037858	0.018472	0.027403	0.030517	0.008281	0.020712	0.036069
0.013451	0.021872	0.038194	0.018191	0.027427	0.030455	0.007906	0.020378	0.036035
0.012736	0.021302	0.037986	0.017747	0.027076	0.030021	0.007299	0.019979	0.035642
0.012622	0.021059	0.037837	0.01759	0.02683	0.029632	0.007215	0.019615	0.035278
0.012618	0.021045	0.037767	0.017531	0.026608	0.029306	0.007236	0.019476	0.034875
0.012323	0.020785	0.037493	0.017292	0.026118	0.028757	0.007083	0.01926	0.03433
0.012319	0.020569	0.037083	0.017052	0.025587	0.028198	0.006997	0.018993	0.033597
0.012809	0.021163	0.037111	0.017514	0.025705	0.028458	0.007365	0.019351	0.033642
0.012545	0.020792	0.037031	0.017292	0.0255	0.028052	0.007142	0.019028	0.033326
0.01251	0.02083	0.03699	0.017288	0.025375	0.028062	0.007125	0.019066	0.033056
0.01233	0.020521	0.036594	0.016875	0.024816	0.027375	0.006993	0.018698	0.032365
0.011792	0.020153	0.036274	0.01667	0.024559	0.027243	0.00658	0.018399	0.032111
0.01176	0.019997	0.035816	0.016563	0.024229	0.026646	0.006556	0.01826	0.031538
0.012094	0.020351	0.035931	0.016844	0.024361	0.026837	0.006764	0.018549	0.031681
0.012128	0.020406	0.036142	0.01691	0.024427	0.026812	0.006767	0.018531	0.031635
0.012406	0.020608	0.036108	0.016927	0.024306	0.026729	0.007035	0.018549	0.031448
0.01291	0.021007	0.036076	0.017198	0.024198	0.026649	0.007462	0.018747	0.03126
0.013344	0.021611	0.036615	0.017747	0.024538	0.02708	0.007753	0.019156	0.031646
0.014462	0.021587	0.03601	0.017434	0.023792	0.026399	0.009451	0.018997	0.030892
0.018302	0.024219	0.035635	0.019583	0.023875	0.027198	0.01399	0.021007	0.030896
0.017545	0.025031	0.036313	0.019417	0.024854	0.028566	0.01383	0.022951	0.031632
0.016219	0.024476	0.037892	0.018806	0.026014	0.03042	0.011312	0.024611	0.033125
0.015097	0.02351	0.038937	0.018003	0.02609	0.030611	0.010035	0.024802	0.03442
0.014549	0.022757	0.039153	0.017431	0.025517	0.029816	0.009229	0.023608	0.035378
0.013972	0.022431	0.039201	0.01701	0.025163	0.029132	0.008785	0.022708	0.036115
0.013372	0.021653	0.038257	0.016257	0.023997	0.027813	0.008201	0.021618	0.035788
0.012281	0.020632	0.037205	0.015417	0.023219	0.026868	0.007295	0.020615	0.034819
0.011819	0.020253	0.036656	0.015125	0.022771	0.026351	0.007104	0.020038	0.034049
0.011604	0.019997	0.036378	0.01492	0.022483	0.026031	0.006931	0.019781	0.033667
0.011507	0.019708	0.035715	0.014712	0.021726	0.025299	0.00699	0.019406	0.033076
0.01109	0.019358	0.035076	0.014427	0.021462	0.024924	0.00649	0.01924	0.032507
0.011	0.019274	0.03483	0.014476	0.021281	0.024712	0.006462	0.019142	0.032201
0.01141	0.019663	0.035014	0.01476	0.021319	0.024885	0.006743	0.019309	0.032281
0.011378	0.019563	0.034875	0.014549	0.021142	0.024531	0.006701	0.019226	0.032146
0.011017	0.019403	0.034753	0.014392	0.020899	0.0245	0.00641	0.019142	0.032049
0.011063	0.019257	0.03425	0.01433	0.020625	0.024038	0.006576	0.018844	0.03158
0.011087	0.01916	0.033927	0.01425	0.020285	0.023757	0.006524	0.018771	0.031236
0.010333	0.018542	0.033278	0.013594	0.01984	0.023264	0.006003	0.018497	0.030677
0.010174	0.018278	0.032701	0.013427	0.019472	0.022771	0.005753	0.018042	0.030281
0.010747	0.018743	0.032861	0.01392	0.019667	0.022976	0.006326	0.018427	0.030299
0.011545	0.019528	0.033365	0.014733	0.019983	0.023351	0.006812	0.018736	0.03051
0.01201	0.019809	0.033427	0.01491	0.019986	0.023441	0.007229	0.018858	0.030545

0.012135	0.020184	0.033806	0.015056	0.020285	0.023795	0.007285	0.019198	0.030566
0.012108	0.020156	0.033962	0.014993	0.020281	0.023799	0.007285	0.019236	0.030698
0.011677	0.019396	0.033097	0.014313	0.019438	0.022903	0.006687	0.018521	0.030104
0.012344	0.01984	0.032684	0.014708	0.019615	0.023021	0.006837	0.01866	0.029628
0.012566	0.020153	0.032993	0.014726	0.019656	0.023066	0.006778	0.018691	0.029736
0.012903	0.020549	0.033285	0.014844	0.019733	0.023247	0.006962	0.018795	0.029903
0.012753	0.020733	0.033677	0.014743	0.019819	0.02342	0.006983	0.018899	0.030076
0.012406	0.020302	0.033448	0.014236	0.019472	0.022896	0.006434	0.018587	0.029635
0.011865	0.019684	0.032729	0.013705	0.018712	0.022295	0.006128	0.018056	0.02899
0.011615	0.019368	0.032097	0.013597	0.018392	0.02183	0.006	0.017729	0.028253
0.012142	0.019656	0.031948	0.014059	0.018806	0.022104	0.006389	0.017892	0.028222
0.012118	0.019885	0.032438	0.014059	0.018896	0.022375	0.006333	0.018056	0.028469
0.012219	0.020083	0.032684	0.014059	0.018906	0.022368	0.006368	0.018118	0.028542
0.012247	0.020191	0.033035	0.014219	0.01899	0.022528	0.006347	0.01825	0.028698
0.012344	0.02049	0.03358	0.014108	0.019347	0.02283	0.006427	0.018521	0.029111
0.012302	0.020476	0.033743	0.014031	0.019101	0.022566	0.006441	0.018372	0.029063
0.012323	0.020559	0.033764	0.013951	0.018986	0.022448	0.006347	0.018323	0.028889

[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]
1035.532	1008.026	1022.276	1049.787	996.8193	1003.032	1007.663	999.2388	960.3317
1031.13	1000.246	1016.64	1009.21	988.8733	993.7749	1003.73	990.4066	949.0365
1043.278	1015.261	1033.05	1017.813	1004.327	1009.361	1017.083	1006.508	964.9399
1017.024	984.3045	1002.079	992.6095	973.3461	978.2558	987.1384	974.958	1513.748
1089.6	1069.589	1088.707	1076.991	1058.869	1064.851	1070.097	1063.616	2526.055
1007.562	976.3895	992.8301	991.6072	967.0113	970.5207	979.3435	974.0527	2302.543
1005.499	976.7777	992.8896	991.109	971.2271	971.0837	977.2713	969.5761	2312.585
1015.894	987.0369	1004.418	1002.422	980.8201	982.6965	986.313	978.5696	2336.33
1039.095	1013.513	1032.182	1028.48	1001.1	1006.416	1011.888	1003.398	2383.395
1032.713	1007.026	1025.944	1023.597	995.1569	999.6747	1007.041	1001.228	2353.319
1038.137	1012.816	1028.128	1031.43	998.6311	1003.911	1008.711	1003.542	2344.689
1109.813	1093.004	1122.055	1107.897	1083.84	1090.933	1091.95	1084.342	2557.022
1045.021	1017.821	1041.61	1036.4	1006.449	1012.039	1018.951	1008.948	2381.305
1051.226	1026.065	1046.011	1041.866	1013.068	1019.525	1023.363	1017.183	2394.402
1034.957	1005.888	1021.171	1022.213	992.2273	996.8029	1005.809	994.3679	2345.992
1035.539	1002.257	1019.609	1023.532	992.3771	994.3263	1000.492	993.9044	2336.332
1011.573	984.1512	1000.342	1016.774	969.4904	972.5966	979.493	969.8745	2289.464
1007.591	975.9875	990.9502	1010.21	965.3905	967.7729	974.8947	965.245	2278.468
1029.158	1000.83	1018.083	1017.089	990.9278	992.0321	999.3072	993.1923	2337.188
969.4578	936.4755	955.5643	958.5048	930.6392	928.8525	937.5727	930.0291	2180.514
1005.53	982.0761	999.3963	1000.566	976.2743	974.8397	982.1923	972.7361	2284.248
984.4487	962.4332	980.3545	981.017	950.1869	958.8945	962.3149	953.0384	2244.86
984.1288	964.6553	983.5073	985.0256	955.3167	965.9824	968.0468	959.6554	2264.053
958.2861	934.146	950.2252	955.6842	925.881	931.7874	940.161	930.4405	2186.218
987.0976	964.0219	983.6807	980.7369	957.6559	961.627	962.7353	956.1059	2250.462
1030.589	1012.556	1031.095	1028.761	1004.776	1007.557	1011.07	1003.594	2367.583
966.8836	939.1466	952.8032	957.8673	926.6201	929.4587	935.0622	925.6628	2168.748
985.5952	960.2504	978.9682	979.8774	949.8229	954.034	963.0757	952.4919	2247.091
982.5757	951.5981	967.3256	971.3349	940.5751	940.9791	952.0534	939.6315	2217.384
995.8997	966.1666	981.2086	984.1464	955.5374	954.1464	966.08	955.9395	2253.923
1007.778	982.4786	998.8956	1000.193	977.4663	974.0178	981.0244	973.7121	2292.29
987.6145	961.2218	978.2794	978.4337	986.4451	952.7884	959.6306	950.0919	2236.352
980.3292	953.6278	971.9839	971.767	958.2083	944.5932	951.4997	942.0464	2221.026
760.1651	752.8459	758.4473	781.6112	727.8237	765.7805	765.8706	808.0297	1628.855
952.6338	960.4328	989.2401	1003.965	968.9416	1003.315	979.4424	1030.266	2193.632
1053.401	1055.578	1091.493	1096.914	1061.306	1081.213	1062.71	1092.035	2458.039
1100.004	1089.227	1121.079	1119.303	1086.316	1100.041	1085.69	1103.461	2541.884
1086.561	1062.129	1087.082	1082.018	1050.86	1059.289	1053.453	1060.772	2477.499
1085.53	1058.707	1080.518	1078.293	1047.263	1054.979	1059.415	1061.296	2468.585
1096.287	1062.138	1087.623	1079.443	1054.501	1059.885	1060.379	1060.415	2481.327
1004.307	947.3027	964.7397	971.0094	938.6539	935.1658	945.6316	937.9667	2201.27
1052.302	1013.377	1028.684	1034.95	1001.264	1005.821	1011.543	1001.874	2374.601
1077.35	1047.668	1064.255	1066.313	1039.774	1039.08	1045.113	1037.029	2454.335
1026.011	988.0802	1001.176	1008.227	975.8402	975.878	985.552	976.4323	2302.545

1029.144	995.8695	1012.214	1015.145	987.3849	985.4293	996.1609	987.5963	2329.333
1013.069	983.1629	997.3713	1004.474	973.4739	973.9184	985.1993	975.5208	2304.485
1030.964	1005.358	1020.489	1025.477	994.5321	996.7319	1004.992	998.3034	2360.738
940.2388	899.0437	911.1167	920.695	889.4091	885.0574	897.3978	884.7387	2080.772
982.6993	949.6797	964.4111	970.2595	941.4654	937.1199	951.7528	940.4265	2222.009
982.5284	950.62	962.5254	971.1804	941.4745	939.0011	951.0166	942.4951	2224.515
1007.165	973.9265	988.6392	994.2306	964.0422	962.652	974.8056	965.6895	2280.869
1029.261	993.0166	1007.169	1013.176	984.4806	981.7253	991.3205	983.6187	2323.371
1007.931	973.4376	983.1408	993.199	962.3862	959.3587	970.9608	960.7021	2277.219
997.0738	962.9683	973.6717	983.7208	951.2806	950.2865	962.6333	951.7971	2257.241
970.5581	929.153	939.624	951.8468	921.9988	916.0128	928.9105	917.1769	2173.216
1002.224	967.7765	980.599	989.2465	959.9355	955.1219	967.4341	957.5333	2261.37
982.0246	947.886	960.9359	967.5013	940.0895	939.6558	947.6236	939.2834	2214.077
985.0021	954.9109	969.0031	975.216	949.1758	948.6052	955.318	947.378	2228.73
986.0671	956.6459	969.7611	975.7076	945.1731	950.2584	954.9888	946.0025	2223.28
986.0202	959.5033	971.9606	976.9834	949.0094	951.5441	956.4741	948.4681	2225.412
1009.484	981.4676	996.0336	1000.117	973.2623	979.1408	981.3848	971.4544	2282.402
970.3813	933.6868	947.7285	953.7485	924.5114	920.7473	932.3907	921.2138	2160.562
982.5486	951.3179	963.4508	969.7878	940.8561	939.227	950.869	941.3961	2208.657
1011.849	984.21	998.4613	1002.923	975.9035	974.5852	984.1177	975.4054	2295.697
997.1008	968.8092	983.9388	987.6431	960.7266	964.24	968.8965	960.3684	2261.305
961.4557	928.9662	944.7782	949.0675	921.5196	926.8658	931.4661	923.5953	2169.403
973.9088	943.8731	959.0583	963.2866	933.8141	940.5369	943.9313	931.8603	2200.917
951.9914	917.1005	928.5333	947.7774	921.8204	933.582	930.4998	917.3802	2155.699
725.3475	733.6641	813.4029	741.8197	764.0246	771.5369	720.0507	721.9466	1695.962
603.6332	654.3179	875.8705	681.8941	801.5645	789.3594	642.2187	791.0511	1513.994
885.9222	886.3363	1060.598	896.9301	1083.492	1038.105	877.3968	1072.953	2054.798
1010.328	1047.791	1208.659	1032.981	1204.8	1144.976	1021.525	1163.133	2533.145
1039.43	1064.779	1213.127	1052.23	1154.535	1118.534	1032.736	1105.542	2600.084
1061.482	1088.651	1194.945	1083.685	1152.994	1137.2	1062.708	1125.835	2655.972
1082.153	1130.456	1222.622	1117.592	1195.159	1181.311	1097.541	1176.485	2743.018
916.3775	945.1055	1019.805	939.4618	997.8509	982.71	919.8947	974.7282	2293.171
1015.215	1039.17	1105.224	1038.931	1091.65	1079.218	1023.484	1069.254	2535.93
1037.676	1066.621	1133.24	1070.806	1119.934	1106.539	1053.472	1096.993	2622.434
1030.078	1057.498	1122.46	1056.634	1088.2	1078.47	1042.604	1073.673	2566.418
1010.93	1034.969	1101.678	1046.616	1076.125	1070.273	1032.457	1070.918	2516.39
1029.452	1053.503	1157.383	1067.615	1087.657	1083.464	1044.922	1075.028	2547.858
1128.706	1128.372	1202.415	1136.702	1144.803	1139.976	1122.842	1131.906	2754.37
1239.926	1229.312	1226.098	1225.189	1223.939	1223.091	1222.377	1220.379	3016.531
864.4181	855.1281	853.7536	852.5711	850.9165	850.7719	849.4058	849.3672	2100.756
1000.471	990.3888	1024.078	987.4765	996.6515	999.7389	979.0673	987.2003	2416.699
1038.793	1056.562	1161.418	1067.652	1087.735	1103.745	1055.593	1075.397	2565.227
1063.096	1076.695	1173.915	1093.189	1108.882	1116.113	1079.197	1096.975	2611.961
1081.311	1086.24	1179.361	1104.959	1117.818	1122.779	1090.216	1105.007	2622.934
1069.736	1067.508	1159.154	1087.628	1100.558	1101.106	1069.935	1082.726	2561.34
942.8825	910.789	989.8079	943.1098	934.1825	932.5833	915.7435	920.2147	2158.276
1087.725	1077.954	1164.18	1101.345	1102.9	1106.524	1082.087	1092.444	2575.52

1122.122	1117.555	1197.001	1138.77	1142.123	1142.455	1123.467	1136.604	2699.784
1122.739	1111.176	1179.975	1136.758	1128.654	1130.104	1119.159	1125.691	2684.121
1136.561	1124.029	1190.091	1147.26	1139.056	1139.264	1129.297	1132.715	2709.645
1125.171	1110.592	1171.501	1134.26	1127.928	1127.568	1119.157	1122.76	2676.274
1122.046	1100.789	1158.178	1134.268	1122.993	1123.487	1115.529	1127.283	2678.165
971.2717	908.6483	941.2976	948.5824	917.6794	909.9181	923.6388	917.3639	2189.968
1096.007	1072.029	1127.669	1099.876	1083.387	1082.907	1084.147	1088.86	2582.064
1104.121	1077.166	1130.383	1107.464	1092.363	1088.366	1089.457	1093.898	2598.343
1128.948	1102.795	1161.128	1131.954	1118.515	1112.227	1116.42	1123.212	2674.806
1089	1054.253	1091.638	1087.513	1070.793	1065.574	1073.321	1073.61	2570.721
1117.61	1082.956	1118.814	1116.491	1101.29	1094.255	1100.094	1100.465	2644.858
1062.755	1020.264	1058.082	1053.923	1033.104	1022.978	1036.652	1033.31	2465.615
990.4979	922.3315	949.2359	961.941	928.6126	917.8761	935.3326	928.7331	2208.617
1073.282	1040.353	1081.825	1072.724	1057.852	1045.861	1053.667	1050.495	2510.893
1078.921	1044.954	1087.399	1077.871	1063.137	1052.991	1061.268	1059.59	2525.384
1104.279	1070.897	1114.913	1101.613	1088.434	1077.082	1083.183	1083.596	2595.794
1084.878	1048.76	1090.793	1083.566	1063.902	1054.954	1065.708	1063.08	2539.623
1081.378	1042.784	1065.091	1075.838	1053.941	1045.017	1055.597	1055.223	2524.334
1067.122	1029.929	1059.629	1062.678	1039.48	1028.523	1044.743	1038.772	2479.943
1000.371	931.2454	953.4031	966.444	934.3878	921.3318	943.9025	932.2697	2229.177
1069.518	1026.544	1055.168	1059.706	1034.63	1025.162	1039.607	1031.394	2465.114
1063.567	1024.63	1055.372	1053.585	1035.75	1022.709	1035.545	1029.723	2474.023
1016.184	972.2663	993.9875	1000.823	978.9143	966.1009	981.0415	974.0845	2349.061
1002.515	958.4877	980.2558	987.0223	964.6089	952.8851	970.0447	958.5819	2312.062
1029.905	981.9711	1003.36	1011.118	987.5056	973.7954	990.5541	980.2832	2359.514
979.1856	923.6238	949.2067	958.3333	930.9657	917.0818	937.0797	922.6031	2214.444
927.5658	842.4473	849.72	873.9862	839.0252	824.1439	848.1802	833.0362	2012.464
1037.041	988.9484	1016.604	1020.426	999.2717	987.7327	1001.751	991.0689	2376.942
1011.492	960.348	986.1625	996.7356	970.6084	956.371	972.6455	959.9677	2295.408
1016.984	967.4816	992.9958	1003.988	979.0411	965.1133	983.9218	971.3819	2326.103
994.6542	942.8952	962.7767	975.0321	950.989	936.1546	955.4578	941.5083	2256.976
1008.603	957.449	977.3561	988.4869	965.9076	952.7122	969.5622	956.9817	2287.098
968.6824	901.8104	914.2799	932.1872	903.4937	885.4617	911.7162	893.6359	2147.016
936.4529	847.7633	853.7284	879.6871	841.8271	826.8103	853.1492	834.2113	2009.485
1012.218	953.8458	972.3641	986.6826	961.0095	946.4289	965.7024	949.5165	2283.18
1023.343	977.0737	1004.222	1011.921	987.3849	973.7734	990.11	978.2224	2343.511
1010.141	971.2069	995.9758	1005.906	981.5823	969.3313	984.8614	972.5885	2311.896
1025.225	993.1785	1017.365	1022.821	1004.833	990.0908	1004.535	992.7904	2375.81
1035.776	997.9103	1023.225	1027.298	1007.134	994.5862	1010.104	998.5696	2383.037
971.744	908.0821	922.308	938.5481	908.4053	890.8668	915.8139	900.0287	2152.272
944.4397	862.0487	868.6667	894.1338	861.4221	846.322	867.9222	854.4407	2046.874
1002.038	949.2926	969.9671	977.772	960.7724	943.4787	960.3716	948.1245	2282.813
996.7638	957.2943	978.9687	986.9128	972.47	956.3801	968.9078	955.4069	2308.547
1020.272	984.871	1010.674	1017.457	1003.897	988.0815	1000.168	986.6134	2382.984
1020.891	986.8453	1010.912	1015.696	1004.219	989.0299	998.2437	985.3094	2370.428
1016.496	976.6537	999.6592	1007.71	993.0867	978.4855	988.2716	975.8323	2340.953
993.7625	950.1455	973.1022	980.0161	968.1152	948.2174	962.7953	950.9158	2277.356

952.4044	894.4005	909.0991	925.2244	904.1861	887.8025	904.913	889.6881	2139.342
998.9574	947.1459	965.2819	976.157	961.8469	944.9377	958.5245	944.8303	2279.083
968.636	911.3869	924.177	940.7746	921.5366	901.8964	921.8241	905.9367	2196.257
992.9506	941.0171	956.1735	969.2658	948.6914	935.016	951.023	934.8981	2257.832
993.9078	937.6774	955.6216	969.3597	950.7276	934.277	949.7161	934.7952	2256.397
985.7291	928.6914	945.4995	958.2768	938.9868	921.0095	937.0762	923.567	2226.644
968.2321	905.7685	917.604	935.2585	912.8075	895.1265	914.859	896.2997	2173.046
974.1921	911.3397	924.8135	940.9824	918.8739	900.5113	921.2976	905.4554	2178.978
1057.352	1024.347	1051.47	1051.63	1043.377	1026.317	1034.744	1022.499	2447.891
1102.902	1078.679	1110.138	1107.538	1101.494	1084.463	1092.356	1080.407	2587.028
1070.624	1044.509	1076.169	1073.293	1067.054	1047.399	1056.051	1046.506	2495.98
1019.832	977.4809	1001.484	1009.372	995.6466	977.4511	989.0114	976.5244	2344.95
1009.387	959.6143	975.6125	988.6761	972.6592	957.7772	967.9955	958.2446	2308.17
957.6467	892.607	902.7664	922.6032	899.0151	882.3359	900.4372	884.3497	2144.724
937.0073	859.2935	863.9502	888.6102	860.1859	844.5737	864.7643	847.881	2062.093
1014.624	962.6214	978.5472	991.905	976.0987	958.9759	972.9678	958.7317	2317.433
1004.78	946.0041	957.5199	973.9915	954.5857	939.1231	953.2883	939.4398	2267.408
1011.618	957.5432	973.404	984.1977	967.3644	950.9959	964.4338	949.5732	2295.735
943.3939	890.9897	904.0289	921.1247	899.9795	885.3206	902.5535	888.3417	2144.474
741.0321	720.4525	740.1067	753.7241	741.7722	724.1055	738.1219	726.6514	1715.022
712.7345	680.3978	703.056	718.3706	702.6611	688.1839	704.338	687.3505	1609.866
786.0644	738.8089	759.0558	774.8799	755.2451	741.4984	758.2077	744.7975	1779.857
919.5562	883.9323	905.2069	917.824	900.7369	888.101	900.3118	886.058	2126.974
948.2736	912.4789	935.8601	947.7523	931.0686	919.7775	931.9654	917.7114	2206.881
6562.714	1644.112	1119.625	1081.53	1035.261	1007.211	1010.594	988.001	2390.757
7733.641	1912.062	1148.29	1080.302	1008.823	968.8063	973.0501	945.7849	2314.617
7766.663	1884.51	1178.023	1111.898	1047.26	1008.357	1010.384	985.2548	2404.35
7791.821	1867.883	1180.089	1112.49	1042.352	1004.22	1006.184	980.0161	2383.295
7813.857	1852.964	1175.596	1111.609	1041.29	1000.966	1002.732	972.7535	2367.85
7747.578	1757.631	1194.256	1142.393	1083.83	1050.203	1051.529	1025.849	2509.597
7750.125	1753.547	1176.775	1127.395	1068.371	1031.702	1033.489	1009.12	2469.596
7725.612	1715.457	1163.907	1119.756	1067.679	1030.101	1032.315	1007.56	2462.86
7589.366	1721.835	1123.952	1084.034	1030.171	1000.037	1004.758	980.1799	2424.965
7578.104	1705.326	1111.662	1076.014	1031.596	1002.149	1007.071	982.8422	2424.551
7636.295	1758.624	1117.868	1076.851	1015.126	980.246	986.8122	958.8847	2363.539
7607.904	1788.402	1116.107	1061.803	984.4702	947.227	949.172	918.7031	2287.298
7534.119	1686.351	1094.329	1063.269	1016.566	989.1409	996.1716	973.5497	2403.087
7548.922	1670.771	1106.571	1081.934	1044.419	1019.367	1025.05	1006.012	2472.595
7632.375	1694.331	1126.562	1094.13	1055.663	1026.316	1030.711	1010.007	2475.171
7688.222	1705.086	1140.898	1103.742	1066.727	1037.631	1039.786	1019.004	2478.169
7647.865	1710.07	1111.481	1069.998	1021.784	989.666	994.0173	969.7707	2376.664
7750.325	1770.353	1131.907	1078.508	1014.177	979.4988	983.1858	954.8204	2335.923
7746.568	1763.227	1121.251	1068.925	1000.536	962.8971	967.5911	940.0975	2297.113
7759.214	1710.633	1145.456	1098.591	1045.903	1010.082	1014.159	989.4079	2417.082
7780.668	1718.093	1143.307	1095.197	1039.902	1004.41	1007.831	982.8573	2394.814
7772.378	1735.098	1125.088	1076.322	1011.625	974.8879	980.3006	953.2374	2325.763
7717.875	1679.887	1134.557	1090.726	1035.06	1002.621	1003.451	980.9284	2408.532

7766.75	1666.407	1075.916	1028.167	973.2844	937.7464	940.1047	915.8724	2224.933
7681.587	1684.332	1087.08	1038.302	973.8695	938.0534	941.2495	914.3624	2245.342
7661.804	1743.156	1091.776	1029.555	939.9772	896.7431	904.0019	872.6175	2172.038
7716.035	1693.562	1125.47	1077.237	1021.354	988.606	992.9765	966.2305	2366.638
7763.798	1760.951	1112.526	1055.653	979.5818	938.9374	946.5418	915.0276	2244.699
7818.31	1790.558	1126.63	1066.457	976.4441	931.4291	937.3342	905.3327	2213.341
7789.328	1707.256	1132.741	1086.106	1029.116	993.7108	997.3586	973.5673	2364.461
7717.993	1678.038	1116.606	1073.385	1018.249	984.0356	990.5181	964.5587	2362.925
7706.165	1709.179	1081.413	1032.496	966.2227	928.5995	934.3173	906.8663	2224.975
7758.614	1755.946	1091.247	1028.707	944.2031	899.0947	904.8913	873.7757	2153.067
7705.157	1675.089	1088.149	1042.746	986.9062	950.8506	956.3249	931.346	2280.572
7688.298	1655.463	1090.289	1047.784	997.4551	966.108	971.9492	946.1797	2314.2
7716.368	1727.746	1076.385	1017.85	939.5963	895.958	904.9164	872.2584	2158.498
7761.216	1676.194	1103.49	1055.518	1001.741	969.2528	971.8175	947.6643	2309.062
7752.833	1685.481	1095.658	1047.56	992.329	956.5301	961.7837	935.3851	2278.927
7715.532	1694.366	1071.8	1021.66	955.6303	918.9527	925.4902	898.1045	2199.177
7739.833	1736.297	1083.418	1020.654	937.7665	892.9742	902.4392	872.0067	2151.185
7716.581	1652.31	1085.306	1040.965	986.9009	954.3169	959.277	933.3263	2282.693
7679.967	1675.865	1047.744	1002.305	937.7158	902.1938	910.8853	883.3277	2171.301
7681.713	1684.637	1055.564	1006.933	944.3055	908.1467	913.232	887.5188	2181.329
7695.364	1638.93	1070.145	1028.672	977.5463	948.6647	951.566	927.5075	2271.361
7710.608	1644.974	1064.919	1020.166	972.9149	938.5971	943.2582	918.5173	2240.887
7717.289	1650.379	1061.962	1017.849	963.3791	930.9174	937.2726	911.3035	2228.997
7764.83	1697.067	1069.865	1019.049	946.0738	909.1377	917.4538	889.3011	2174.548
7789.567	1644.347	1102.908	1059.971	1013.39	981.3166	986.4247	963.0408	2337.048
7868.842	1641.384	1126.268	1089.345	1049.497	1018.539	1020.191	1002.727	2415.26
7856.1	1609.081	1122.505	1085.719	1055.351	1024.628	1028.036	1007.307	2423.878
7869.291	1653.009	1082.407	1042.046	992.7011	961.9545	964.7415	944.2948	2274.936
7857.752	1639.367	1083.697	1040.751	996.5399	961.55	969.1002	946.5603	2289.423
7795.978	1578.57	1082.181	1043.751	1008.085	978.0354	981.9937	961.9593	2337.121
7758.515	1595.751	1035.796	997.8701	949.708	917.3019	926.5774	902.9481	2199.697
7766.594	1594.613	1048.233	1009.208	960.0549	930.2214	936.7275	912.9964	2220.843
7810.128	1632.227	1040.471	998.2915	941.798	910.3697	920.1441	893.068	2165.776
7850.933	1621.791	1067.449	1026.455	977.5686	945.0819	948.4789	925.126	2243.535
7817.999	1606.651	1060.627	1020.444	971.9775	941.9171	950.0072	925.7291	2245.869
7848.413	1612.264	1070.658	1031.562	986.7071	954.1694	960.4363	939.1465	2270.238
7860.134	1638.665	1059.979	1015.846	963.3087	929.9108	936.1164	912.7652	2203.435
7826.034	1662.664	1021.637	973.6734	896.4122	859.7494	872.0648	844.9694	2063.202
7863.792	1606.39	1078.311	1035.603	990.4562	958.6643	966.1275	940.7386	2277.388
7814.849	1573.301	1063.405	1027.182	984.2251	954.9885	960.4268	940.0917	2271.787
7831.87	1564.133	1075.68	1037.134	997.1491	967.8427	975.4262	953.965	2310.834
7807.542	1559.275	1056.859	1020.857	980.8595	951.0421	958.8653	934.8218	2266.181
7796.454	1542.824	1049.103	1015.301	976.8118	948.4858	954.6166	934.7925	2258.079
7731.149	1551.958	1003.504	969.8077	926.431	895.8926	905.3271	882.8623	2145.255
7642.426	1564.106	948.6932	904.9969	839.6552	808.0315	819.8166	794.6934	1962.585
7690.777	1500.318	1015.22	981.2963	946.171	918.2535	924.8893	906.0024	2206.578
7692.625	1495.746	1022.783	987.9379	952.6353	926.446	932.8604	913.8183	2229.01

7734.003	1540.162	1003.196	966.223	925.3862	894.2962	902.3817	881.0505	2133.04
7733.959	1501.838	1038.32	1004.51	968.6356	940.5092	948.9389	927.9307	2255.457
7713.526	1532.107	999.3635	964.0575	922.5437	892.9371	901.6069	879.2137	2144.486
7750.834	1565.107	990.8412	952.2436	905.5898	875.3037	884.9041	860.8106	2089.021
7781.374	1537.356	1026.874	990.2461	952.7291	924.607	930.2444	913.0227	2205.275
7865.697	1574.343	1046.203	1008.352	964.7907	937.9986	941.2943	919.4493	2217.785
7864.986	1524.549	1081.4	1042.857	1014.094	988.7943	991.0314	973.4889	2344.305
7876.92	1532.656	1055.999	1019.145	984.6506	956.3737	962.048	940.6047	2262.064
7870.022	1499.031	1064.418	1027.792	995.9527	968.3167	974.6193	954.1426	2296.942
7899.368	1485.373	1074.801	1040.881	1015.293	988.5988	993.3692	974.3592	2336.939
7898.502	1478.26	1039.443	1001.223	971.1351	939.7321	945.5681	925.9474	2217.588
7855.046	1478.246	987.7456	951.4197	907.6774	877.2656	885.9321	864.8904	2081.513
7892.035	1469.412	1040.517	1003.106	969.0193	941.437	945.5071	929.5957	2224.996
7881.655	1439.741	1042.356	1008.832	981.2349	953.786	960.5699	940.2222	2252.511
7875.278	1418.594	1053.354	1019.427	994.8226	966.2908	970.8098	953.0986	2284.319
7860.792	1400.396	1010.549	978.851	945.9271	918.424	926.6616	905.1199	2165.976
7817.881	1387.314	1008.139	978.5189	943.2759	918.3696	925.4847	906.3282	2175.611
7811.095	1367.559	998.2778	970.1002	937.3447	909.7365	920.7746	899.7143	2166.695
7824.876	1413.525	947.6067	911.3246	864.3845	835.2423	844.2869	821.5913	1992.101
7831.519	1374.355	1001.852	969.278	935.8207	909.9373	916.1387	897.2181	2152.723
7833.215	1358.247	1021.42	987.7126	962.6263	935.3855	941.9821	924.9392	2217.164
7829.041	1355.51	990.0283	958.9737	929.0362	901.1927	909.9463	890.0731	2134.124
7866.193	1376.255	1011.879	978.3173	949.0156	923.8761	926.6848	910.8907	2181.146
7851.442	1310.396	914.3441	881.2765	844.3979	813.3757	824.9943	804.5997	1913.936
7768.652	1335.232	894.7862	859.8776	812.6662	783.0883	794.0118	772.4018	1856.301
7755.663	1451.386	921.0244	872.1028	810.3313	778.5916	788.7521	764.6128	1849.054
7825.524	1456.388	1007.516	971.8149	930.0295	899.4355	904.2578	883.4088	2111.559
7886.475	1471.264	1069.313	1031.534	1002.657	972.6202	975.8908	960.4117	2289.655
7920.565	1464.841	1073.796	1038.653	1006.592	978.5562	981.8591	964.5468	2296.326
7970.823	1468.17	1079.611	1041.867	1007.799	979.5519	981.1134	964.8142	2298.874
7954.735	1440.982	1057.978	1022.546	988.2468	957.04	962.2503	943.5371	2253.939
7927.884	1407.763	1022.845	991.8109	949.9894	921.8951	930.4383	910.3558	2172.827
7935.109	1414.477	978.4309	946.3719	893.1771	861.6478	873.1279	852.1661	2035.562
7904.106	1350.226	1033.805	1005.564	975.3711	948.6756	957.0466	937.2504	2238.691
7899.846	1324.696	1014.883	991.5102	955.2952	929.7755	938.761	920.6989	2193.097
7877.337	1300.412	1009.641	985.1806	954.2203	928.9419	937.2394	918.9207	2200.231
7869.384	1282.618	1002.762	985.3111	952.0841	925.921	935.2535	915.4791	2188.317
7937.884	1307.107	1037.753	1019.159	988.9615	963.5102	969.9631	952.7842	2270.362
8000.396	1310.153	1024.783	1002.404	969.4777	942.0168	948.9112	932.9248	2214.461
7971.714	1299.631	964.4788	942.8862	898.7326	872.328	881.2691	864.3242	2061.721
7930.439	1266.502	1001.402	981.5916	951.7153	924.715	933.5912	916.763	2185.269
7896.937	1238.427	992.7702	971.2117	945.3458	918.5507	929.1662	912.0664	2172.506
7529.295	1231.506	997.897	978.8981	948.399	927.1518	936.8594	919.9992	2213.788
7844.77	1211.816	981.7524	967.7017	936.5675	914.9886	926.7501	907.8234	2175.963
7881.441	1221.034	965.687	948.1512	916.8997	892.7651	901.5061	881.5627	2108.995
7882.328	1219.74	963.0876	943.0565	913.6954	887.3587	896.7078	878.2888	2095.533
7898.733	1224.517	923.2638	902.3036	862.3388	835.3871	846.6768	829.9914	1981.307

7937.196	1237.346	994.7785	975.2078	946.4823	922.9289	928.3053	912.3598	2166.18
7932.467	1231.449	1003.358	982.4288	958.4848	934.2165	941.5704	924.4537	2199.536
7866.081	1175.423	957.441	937.9026	914.4609	888.9883	898.7003	880.5304	2103.053
7825.087	1190.278	981.0693	961.0637	934.7059	915.031	922.9446	905.5591	2169.031
7840.65	1182.484	965.3181	941.5725	918.2608	893.887	904.021	887.2715	2119.755
7893.055	1190.494	965.4848	943.9747	916.3354	894.6024	903.4042	884.0712	2096.942
7927.758	1184.925	898.9131	875.5606	840.8088	813.998	826.4123	805.805	1913.586
7868.083	1176.773	930.3355	910.5094	880.8421	856.491	866.1276	849.1212	2024.686
7799.114	1141.921	912.7128	896.99	865.3211	842.8034	854.0434	834.6793	2006.237
7751.991	1121.27	912.1046	899.1634	870.2552	848.1197	859.3568	840.7351	2023.192
7779.088	1147.125	946.2661	927.7892	902.2099	881.2981	890.9891	870.8847	2080.859
7845.006	1158.154	937.849	920.9733	891.8379	869.3229	875.7385	859.9627	2057.359
7834.827	1149.368	951.1122	930.4605	904.0551	882.9424	890.9004	873.8487	2091.467
7972.525	1162.218	908.189	887.4551	852.1502	827.7582	836.9651	820.818	1948.703
8010.82	1200.537	989.3047	963.859	938.6905	916.4807	924.4511	906.4794	2142.875
8020.552	1202.204	1013.948	988.3416	966.1838	943.8765	948.8765	935.4909	2213.73
8041.318	1200.219	1019.026	994.6281	974.0384	952.8162	957.7598	943.5038	2447.609

[micro mol [micro mol [micro mol [micro mol [micro mol [micro mol m-3 s-1]

0.087124	0.146121	0.108364	1.304902	1.78339	1.835868
0.067305	0.13372	0.102357	0.905666	1.501958	1.827193
0.079467	0.143812	0.082453	0.880594	1.584661	1.804615
0.106219	0.126761	0.087962	1.432564	1.46102	1.732666
0.085188	0.150333		0.64735	1.635064	
0.071812	0.121377		0.683178	1.47062	
0.068873	0.120017		0.949865	1.896352	
0.062989	0.138797		0.763665	1.650666	
0.072974	0.103546		0.867477	1.292933	
0.070607	0.11383		0.648845	1.393046	
0.097893	0.118012		0.936107	1.618974	
0.090662	0.138644		0.826741	1.439206	
0.068973	0.091986		0.788979	1.200658	
0.085836	0.093974		0.775977	1.129465	
0.052221	0.066876		0.72873	1.046683	
0.060028	0.107883		0.632533	1.360725	
0.06084	0.093854		1.102274	1.233789	
0.067263	0.072379		0.791634	1.20062	
0.072198	0.11412		0.894257	1.441446	
0.076091	0.121359		0.870347	1.629313	
0.092143	0.137122		1.010709	1.78834	
0.075479	0.088428		0.823743	1.217391	
0.065002	0.063681		0.943273	0.899028	
0.051367	0.043386		0.670315	0.772823	
0.091291	0.134311		1.158526	1.652989	
0.092003	0.132014		1.10694	1.505411	
0.09499	0.108247		1.295035	1.485735	
0.103414	0.124075		1.022545	1.52425	
0.08472	0.105206		1.030241	1.593497	
0.087902	0.102429		0.820919	1.332722	
0.073908	0.109623		0.757833	1.681341	
0.065008	0.18928		1.063453	3.351677	
0.068597	0.112755		1.105946	1.845914	
0.098614	0.149383	0.168359	1.630591	1.786492	
0.106886	0.079608		1.527842	1.029838	
0.125909	0.092926		1.48944	1.231027	
0.114288	0.112826		1.199466	1.529155	
0.105246	0.085859		1.442143	1.200616	
0.105835	0.074083		1.466117	1.23227	
0.101301	0.135597		1.322573	1.893103	
0.082476	0.11956		1.145799	2.051628	
0.089464	0.124462		1.037729	1.657151	
0.091874	0.141284		1.171803	1.986648	
0.080797	0.104621		1.195365	1.677423	

0.093645	0.120775		1.259419	1.745194
0.083649	0.121391		0.857168	1.653644
0.076389	0.10512		0.94964	1.278508
0.084959	0.099252		1.144423	1.467083
0.064991	0.096366		0.933282	1.593502
0.083741	0.108736		0.895386	1.500796
0.064329	0.106869		0.797953	1.635744
0.072267	0.12478		0.689397	1.519756
0.071619	0.09864		0.884925	1.362126
0.072284	0.090743		0.904825	1.336898
0.059004	0.10559		0.779771	1.45364
0.074006	0.109895		0.848101	1.5498
0.05762	0.106543		0.758333	1.506593
0.06742	0.105669		0.862797	1.516186
0.095664	0.108153		1.327427	1.508586
0.088693	0.117091		1.31051	1.514105
0.071227	0.114336		0.798801	1.413156
0.0526	0.090362		0.980495	1.499648
0.058041	0.086671		1.053947	1.392328
0.075914	0.099211		1.019154	1.292761
0.070849	0.106625		0.773534	1.479532
0.051114	0.082844		0.947505	1.260707
0.061104	0.067025		0.838129	1.13558
0.06181	0.064532		0.914377	0.998661
0.12147	0.211713		0.558949	2.763662
0.105683	0.31304	0.121635		4.140093
0.051135	0.591823	0.232458	0.398886	8.358547
0.10824	0.515278	0.087219	0.826072	7.690714
0.100226	0.304305		0.679142	4.818161
0.098169	0.249741		0.90992	3.670026
0.170767	0.215625		1.230932	3.072404
0.133075	0.171856		1.607306	2.645506
0.134792	0.169107		1.38043	2.547542
0.166714	0.167849		1.512664	2.543712
0.139829	0.166154		1.532042	2.551393
0.145171	0.193433		1.418958	2.759368
0.165493	0.18518		1.519093	2.643044
0.091116	0.172349		0.460948	2.105447
0.035708	0.064585		0.502474	0.825801
0.013943	0.045211		0.318895	0.598349
0.040061	0.087588		0.348381	1.169748
0.09213	0.166226		0.964372	2.065381
0.106846	0.167369		0.963225	2.206215
0.1026	0.188272		0.917099	2.365306
0.105588	0.197756		1.038432	2.555981
0.065109	0.130053		0.749894	1.845949
0.096551	0.18012		1.175046	2.434205

0.102616	0.161628	0.981231	2.231995
0.071627	0.146794	1.00426	1.983543
0.070928	0.167273	1.093937	1.967476
0.085617	0.156605	0.923803	2.281662
0.074575	0.134356	0.769331	1.614745
0.067638	0.102533	1.225535	1.808242
0.093162	0.146662	0.844569	1.917573
0.085631	0.141337	1.153654	1.928677
0.074524	0.149937	0.753437	2.173972
0.062703	0.104208	0.767218	1.48153
0.075058	0.126896	1.233388	1.93822
0.073552	0.132993	1.060322	1.883757
0.047144	0.099915	1.043169	1.744767
0.073818	0.144291	0.669313	1.935526
0.078575	0.147646	0.55107	2.12253
0.07155	0.141074	0.690186	1.892033
0.064456	0.107883	1.947119	1.604159
0.083332	0.084971	1.269533	1.328848
0.055371	0.113421	0.768691	1.675729
0.055089	0.084781	0.61075	1.643734
0.06716	0.099116	1.071452	1.429578
0.069576	0.131873	1.015185	1.710712
0.069488	0.064939	0.83661	1.269767
0.075949	0.08292	0.788548	1.249128
0.100986	0.094878	1.062802	1.37463
0.056285	0.084262	0.915926	1.50554
0.073033	0.069833	0.883915	1.324493
0.055402	0.082953	0.782622	1.352939
0.073857	0.072014	0.793923	1.400723
0.079864	0.071727	0.725346	1.339374
0.035254	0.079539	0.881477	1.368083
0.081361	0.123218	1.163758	1.728673
0.060347	0.080608	0.961003	1.28791
0.050762	0.062716	0.644662	1.39853
0.054741	0.080157	1.119962	1.265735
0.075868	0.0891	0.980728	1.425715
0.059642	0.096017	0.783319	1.545839
0.067474	0.086205	1.040766	1.521587
0.085694	0.085234	0.82975	1.324057
0.047706	0.076972	0.71448	1.395066
0.071622	0.07651	1.039869	1.361569
0.072388	0.076178	0.653029	1.425832
0.058659	0.083965	0.797942	1.457482
0.080467	0.094563	0.757358	1.462636
0.0911	0.107249	1.156936	1.801008
0.092528	0.102249	0.867892	1.550741
0.055142	0.099736	0.697392	1.831511

0.041372	0.080902	0.679573	1.458462
0.066424	0.113808	0.678887	1.668241
0.057905	0.077485	0.595315	1.451801
0.039095	0.099115	0.882633	1.591169
0.054703	0.094553	0.845322	1.5403
0.056307	0.103111	0.768804	1.59892
0.039983	0.085953	0.628516	1.593743
0.054528	0.070506	1.099457	1.332022
0.059607	0.117882	0.508783	1.878065
0.073045	0.096101	1.146051	1.646999
0.089743	0.109433	1.548993	1.646475
0.055011	0.098736	1.453342	1.620397
0.064339	0.105724	0.95336	1.567566
0.041079	0.086357	1.223606	1.360364
0.040592	0.069277	0.513517	1.486554
0.07951	0.103673	0.978561	1.627701
0.082032	0.093007	1.269192	1.495753
0.058059	0.097632	0.832523	1.536742
0.039794	0.053399	0.843339	1.20041
0.049263	0.045144	0.827831	1.123043
0.053463	0.07607	0.5774	1.17409
0.042102	0.065775	0.578153	1.302258
0.063016	0.082024	0.603959	1.207568
0.053513	0.095905	0.992416	1.281822
	0.068768	0.114714	1.221493
	0.05149		0.995972
	0.057775		1.135857
	0.084187		1.289158
	0.068864		1.07641
	0.06396		1.160186
	0.079969		1.271269
	0.046984		1.091912
	0.043594		0.871154
	0.044169		0.88332
	0.024973		0.782596
	0.015421		0.751905
	0.03151		0.605994
	0.055817		0.978984
	0.054064		0.987831
	0.061187		1.049751
	0.064261		1.173546
	0.052915		1.124815
	0.089594		1.139016
	0.067509		1.316449
	0.076222		1.263805
	0.064129		1.213104
	0.079951		1.276837

0.060245	1.032753
0.050719	1.060807
0.028062	0.867644
0.056808	0.980423
0.035818	0.7859
0.04191	1.059208
0.061463	1.149139
0.077947	1.405892
0.031651	0.833029
0.027836	1.082365
0.06034	1.135922
0.054405	1.019459
0.053134	1.238867
0.061663	1.136758
0.083821	1.219052
0.056362	1.082562
	0.868272
0.062077	1.12015
0.044957	0.906389
0.031975	1.045153
0.067271	1.277152
0.083397	1.407924
0.071255	1.210529
0.037544	1.224523
0.068871	1.354114
0.095293	1.576174
0.065212	1.233224
0.07362	1.216837
0.087185	1.434755
0.067497	1.353041
0.064526	1.135188
0.075848	1.345165
0.062443	1.067313
0.083191	1.297246
0.075459	1.442283
0.054812	1.169328
0.071211	1.457638
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0.079648	1.283199
0.072555	1.309946

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	0.048426	1.110616
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	0.077045	1.371197
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	0.118393	1.740811
	0.116519	1.619349
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	0.120009	1.693698
	0.104137	1.795474
	0.081632	1.268708
	0.106241	1.692107
	0.102791	1.649844
	0.127507	1.965041
	0.110968	1.645119
	0.09328	1.461955
	0.091411	1.530954
	0.096038	1.508695
	0.1076	1.648919
	0.116406	1.595809
	0.10965	1.592104
	0.114134	1.551017
	0.066644	1.404799
	0.053051	1.093974
	0.057365	1.137441
	0.11667	1.538239
	0.139821	1.94916
	0.137025	2.121702
	0.142918	2.062248
	0.103436	1.835692
	0.093381	1.580253
	0.050039	1.280576
	0.129593	1.871516
	0.09099	1.708782
	0.099412	1.621392
	0.106624	1.732542
	0.116683	1.762239
	0.095591	1.503415
	0.094703	1.649226
	0.114696	1.967619
	0.108795	1.7848
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	0.141294	2.071001
	0.151863	1.96911
	0.137075	2.187023
	0.125477	2.042115

0.133305	2.014726
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0.065797	1.254628
0.114728	1.686448
0.137426	2.034779
0.132699	1.978658
0.089213	1.617025
0.140552	2.050627
0.108975	1.487836
0.063276	1.274944
0.133294	1.879985
0.13308	1.836162
0.134792	1.935464
0.111411	1.778243
0.175693	2.38213
0.164768	2.487685
0.168272	2.134814