plan_id	target_id	type	ra	dec	neclipses	accum_exp	nuv_ms_exp	fuv_ms_exp	nuv_qa_exp	fuv_qa_exp
3668	MISDR1_29484_0650	MIS	0	-9.08038	2	2004	2004	2004	0	0
3671	MISDR1_29572_0650	MIS	0	-10.81217	1	1601	1601	1601	0	0
4003	MIS2DFR_41567_0805	MIS	0	-56.08538	1	0	0	0	0	0
3669	MISDR1_29527_0650	MIS	0.50783	-9.946	2	1438	1438	1438	0	0
4737	MISDR2_28657_0750	MIS	0.56872	15.172135	1	1705	1705	1705	0	0
3670	MISDR1_29571_0650	MIS	1.01851	-10.81042	2	1568	1557	1557	0	0
3167	MISDR1_29136_0388	MIS	1.52295	-1.34314	1	1691	1691	1691	0	0
4751	MISDR2_28686_0751	MIS	1.682875	13.486295	1	1702	1702	1702	0	0
4736	MISDR2_28656_0751	MIS	1.709685	15.047994	1	1680	1680	1680	0	0
3674	MISDR1_29570_0651	MIS	2.03673	-10.80459	2	1654	1654	1654	0	0
4744	MISDR2_28670_0751	MIS	2.254672	14.22056	2	0	0	0	0	0
4728	MISDR2_28642_0751	MIS	2.308224	15.782056	3	0	0	0	0	0
3672	MISDR1_29525_0651	MIS	2.53986	-9.93379	2	1852	1841	1841	0	0
3673	MISDR1_29569_0651	MIS	3.05491	-10.79351	2	2380	2380	2380	0	0
4743	MISDR2_28669_0752	MIS	3.40709	14.136325	2	0	0	0	0	0
4515	MIS2DFSGP_41205_0611	MIS	3.42573	-36.506931	1	1626	1626	1626	0	0
3168	MISDR1_29134_0389	MIS	3.56593	-1.35288	1	1689	1689	1689	0	0
4735	MISDR2_28654_0752	MIS	4.016827	14.863161	2	0	0	0	0	0
3677	MISDR1_29568_0652	MIS	4.07273	-10.77718	3	1840	1829	1829	0	0
4516	MIS2DFSGP_41244_0612	MIS	4.5675001	-36.468441	1	1611	1611	1611	0	0
3675	MISDR1_29523_0652	MIS	4.5729	-9.90063	2	2673	2662	2662	0	0
4727	MISDR2_28640_0752	MIS	4.638333	15.596002	2	0	1605	0	0	0
3676	MISDR1_29567_0652	MIS	5.09046	-10.75443	1	1618	1618	1618	0	0
4734	MISDR2_28653_0753	MIS	5.181395	14.790086	3	0	0	0	0	0
4725	MISDR2_28627_0753	MIS	5.280492	16.314311	3	1661	4856	1661	0	0
3679	MISDR1_29522_0653	MIS	5.58907	-9.87446	1	1618	1618	1618	0	0
3169	MISDR1_29132_0390	MIS	5.62266	-1.33511	1	1681	1681	1681	0	0
4367	MIS2DFSGP_30732_0282	MIS	5.6496601	-29.63349	1	0	0	0	0	0
4344	MIS2DFSGP_30602_0204	MIS	5.6559801	-27.712811	1	1165	1165	1165	0	0
4519	MIS2DFSGP_41284_0613	MIS	5.7091799	-36.4193	1	1626	1626	1626	0	0
4742	MISDR2_28667_0753	MIS	5.710476	13.991067	3	1669	1669	1669	0	0
4726	MISDR2_28639_0753	MIS	5.818311	15.519428	3	1664	4880	1664	0	0
3678	MISDR1_29478_0653	MIS	6.09023	-8.99452	1	1620	1620	1620	0	0
3182	MISDR1_28652_0417	MIS	6.34955	14.72737	6	3537	3537	3537	0	0
3184	MISDR1_28666_0417	MIS	6.87452	13.93966	2	3350	3350	3350	0	0
4518	MIS2DFSGP_41281_0499	MIS	6.96457	-33.486462	1	1634	1634	1634	0	0
3681	MISDR1_29477_0654	MIS	7.10674	-8.95682	1	1621	1621	1621	0	0
4033	MIS2DFR_29165_0819	MIS	7.1546	-2.13935	1	1689	1678	1678	0	0
4521	MIS2DFSGP_41324_0557	MIS	7.2660599	-35.388672	1	1617	1617	1617	0	0
3181	MISDR1_28651_0417	MIS	7.52525	14.67761	2	3172	3172	3172	0	0
4524	MIS2DFSGP_41367_0614	MIS	7.9920802	-36.288399	1	1613	1613	1613	0	0
3183	MISDR1_28665_0417	MIS	8.04304	13.90011	2	3228	3228	3228	0	0
3680	MISDR1_29476_0654	MIS	8.12338	-8.90984	1	1621	1621	1621	0	0
3185	MISDR1_30919_0417	MIS	8.19154	15.41093	2	3254	3254	3254	0	0
4325	MIS2DFSGP_30536_0140	MIS	8.2383404	-26.64043	1	1479	1479	1479	0	0
4520	MIS2DFSGP_41321_0440	MIS	8.3925505	-32.424648	1	1631	1631	1631	0	0
3682	MISDR1_29519_0654	MIS	8.63836	-9.74712	1	1628	1628	1628	0	0
3186	MISDR1_30920_0417	MIS	8.70789	14.64149	1	1659	1659	1659	0	0
4523	MIS2DFSGP_41364_0500	MIS	9.1084805	-33.347118	1	620	620	620	0	0
3684	MISDR1_29475_0655	MIS	9.1403	-8.85416	1	1629	1629	1629	0	0

3683	MISDR1_29563_0654	MIS	9.15626	-10.58418	1	1630	1630	1630	0	0
4324	MIS2DFSGP_30535_0141	MIS	9.2715797	-26.576349	1	873	873	873	0	0
4522	MIS2DFSGP_41363_0441	MIS	9.4428101	-32.35001	1	1628	1628	1628	0	0
4525	MIS2DFSGP_41409_0558	MIS	9.5018797	-35.2328	1	1612	1612	1612	0	0
3685	MISDR1_29518_0655	MIS	9.6542	-9.68609	1	1630	1630	1630	0	0
4529	MIS2DFSGP_41455_0615	MIS	9.9093399	-37.08075	1	1633	1633	1633	0	0
3187	MISDR1_16778_0418	MIS	10.12526	15.97632	1	1630	1630	1630	0	0
3189	MISDR1_16795_0418	MIS	10.19703	14.15229	1	1658	1658	1658	0	0
3170	MISDR1_29030_0393	MIS	10.41208	1.30875	1	1602	1602	1602	0	0
4528	MIS2DFSGP_41453_0559	MIS	10.61944	-35.139561	1	1604	1604	1604	0	0
3188	MISDR1_16794_0418	MIS	10.65368	15.19411	1	1657	1657	1657	0	0
4527	MIS2DFSGP_41452_0501	MIS	10.9456	-34.158211	1	1611	1611	1611	0	0
3190	MISDR1_16793_0419	MIS	11.09494	16.23693	1	1629	1629	1629	0	0
3687	MISDR1_29473_0656	MIS	11.17443	-8.7127	1	1633	1633	1633	0	0
4526	MIS2DFSGP_41450_0442	MIS	11.54477	-32.174519	1	1615	1615	1615	0	0
3191	MISDR1_16810_0419	MIS	11.62831	15.44837	1	1651	1651	1651	0	0
4531	MIS2DFSGP_41498_0560	MIS	11.73715	-35.035931	1	1602	1602	1602	0	0
4363	MIS2DFSGP_30726_0289	MIS	11.82999	-29.22628	1	1630	1630	1630	0	0
3192	MISDR1_16828_0419	MIS	12.15564	14.66281	2	1978	1967	1967	0	0
3686	MISDR1_29472_0656	MIS	12.19145	-8.62635	1	1641	1641	1641	0	0
4533	MIS2DFSGP_41546_0616	MIS	12.2376	-36.862019	1	1609	1609	1609	0	0
4322	MIS2DFSGP_30532_0143	MIS	12.37888	-26.33955	1	198	198	198	0	0
3171	MISDR1_29028_0394	MIS	12.54217	1.44114	3	1602	1602	2012	0	0
4530	MIS2DFSGP_41495_0443	MIS	12.59672	-32.07304	1	593	593	593	0	0
3193	MISDR1_16827_0420	MIS	12.60511	15.68807	1	1586	1586	1586	0	0
4407	MIS2DFSGP_30859_0370	MIS	12.84921	-31.071011	1	1234	1234	1234	0	0
3172	MISDR1_29125_0394	MIS	12.91958	-0.97866	1	1585	1585	1585	0	0
3195	MISDR1_16846_0420	MIS	13.13749	14.89628	1	1687	1687	1687	0	0
3688	MISDR1_29471_0657	MIS	13.20914	-8.52784	1	1602	1602	1602	0	0
4321	MIS2DFSGP_30531_0144	MIS	13.41789	-26.24497	1	1606	1606	1606	0	0
3194	MISDR1_16845_0420	MIS	13.58395	15.91375	2	1889	1878	1878	0	0
4532	MIS2DFSGP_41541_0444	MIS	13.64919	-31.9629	1	908	908	908	0	0
3689	MISDR1_29514_0657	MIS	13.7167	-9.33752	1	1666	1666	1666	0	0
3690	MISDR1_29604_0657	MIS	13.7301	-11.07419	1	1654	1654	1654	0	0
4535	MIS2DFSGP_41591_0561	MIS	13.97312	-34.796261	1	1609	1609	1609	0	0
3196	MISDR1_16865_0420	MIS	14.12045	15.11516	2	1708	1697	1697	0	0
4534	MIS2DFSGP_41590_0503	MIS	14.23244	-33.81823	1	1646	1646	1646	0	0
4537	MIS2DFSGP_41641_0617	MIS	14.56416	-36.596081	1	1608	1608	1608	0	0
3197	MISDR1_16886_0420	MIS	14.6508	14.31957	2	1842	1831	1831	0	0
4536	MIS2DFSGP_41640_0562	MIS	14.83692	-35.630798	1	1589	1589	1589	0	0
3198	MISDR1_16885_0421	MIS	15.10569	15.32002	1	1653	1653	1653	0	0
3199	MISDR1_16908_0421	MIS	15.17516	13.52561	3	3151	3152	3152	0	0
4320	MIS2DFSGP_30529_0145	MIS	15.50158	-26.03244	1	1619	1619	1619	0	0
4539	MIS2DFSGP_41690_0618	MIS	15.72771	-36.445648	1	1632	1632	1632	0	0
3691	MISDR1_29602_0658	MIS	15.75084	-10.82967	1	1676	1676	1676	0	0
4538	MIS2DFSGP_41687_0504	MIS	16.42573	-33.540749	1	1608	1608	1608	0	0
4354	MIS2DFSGP_30656_0213	MIS	16.50795	-27.77949	1	1653	1653	1653	0	0
4406	MIS2DFSGP_30855_0374	MIS	16.98255	-30.58659	1	1354	1354	1354	0	0
4286	MIS2DFSGP_30343_0036	MIS	17.133329	-23.12759	1	1620	1620	1620	0	0
4386	MIS2DFSGP_30787_0294	MIS	17.5137	-29.54981	1	1056	1056	1056	0	0
4353	MIS2DFSGP_30655_0214	MIS	17.55027	-27.648109	1	0	0	0	0	0
4319	MIS2DFSGP_30527_0146	MIS	17.5942	-25.78784	1	1510	1510	1510	0	0

3173	MISDR1_29155_0397	MIS	17.62428	-1.26978	1	1651	1651	1651	0	0
3200	MISDR1_16952_0422	MIS	17.62545	14.87256	1	1652	1652	1652	0	0
3692	MISDR1_29510_0659	MIS	17.77875	-8.79676	1	1647	1647	1647	0	0
4542	MIS2DFSGP_41792_0620	MIS	17.82914	-37.063511	1	1631	1631	1631	0	0
4306	MIS2DFSGP_30464_0093	MIS	18.142719	-24.80744	1	0	0	0	0	0
4385	MIS2DFSGP_30786_0295	MIS	18.55287	-29.40436	1	0	0	0	0	0
4352	MIS2DFSGP_30654_0215	MIS	18.5947	-27.50849	1	0	0	0	0	0
3201	MISDR1_16976_0422	MIS	18.62199	15.02972	2	1444	1444	1444	0	0
4541	MIS2DFSGP_41787_0448	MIS	18.77944	-32.251049	1	0	0	0	0	0
4545	MIS2DFSGP_41844_0621	MIS	19.01297	-36.874191	1	1631	1631	1631	0	0
4405	MIS2DFSGP_30853_0376	MIS	19.055651	-30.292191	1	0	0	0	0	0
4338	MIS2DFSGP_30589_0147	MIS	19.143591	-26.50462	1	0	0	0	0	0
3203	MISDR1_17002_0423	MIS	19.15998	14.21257	2	1703	1703	1703	0	0
3694	MISDR1_29645_0660	MIS	19.28263	-11.15419	1	1696	1696	1696	0	0
4384	MIS2DFSGP_30785_0296	MIS	19.594009	-29.25057	1	0	0	0	0	0
3202	MISDR1_17001_0423	MIS	19.62092	15.17274	1	1647	1647	1647	0	0
3204	MISDR1_17029_0423	MIS	19.69225	13.39659	1	1647	1647	1647	0	0
3693	MISDR1_29508_0660	MIS	19.81217	-8.4479	1	1665	1665	1665	0	0
4549	MIS2DFSGP_41895_0565	MIS	20.53841	-34.773941	1	1632	1632	1632	0	0
3205	MISDR1_17027_0424	MIS	20.62237	15.30279	1	1661	1661	1661	0	0
4548	MIS2DFSGP_41894_0507	MIS	20.68576	-33.819611	1	1632	1632	1632	0	0
3698	MISDR1_29597_0661	MIS	20.79491	-9.99196	1	1661	1661	1661	0	0
3206	MISDR1_17055_0424	MIS	21.16484	14.47514	1	1672	1672	1672	0	0
3699	MISDR1_29643_0661	MIS	21.2913	-10.76551	1	1696	1696	1696	0	0
3696	MISDR1_29551_0661	MIS	21.31545	-9.01772	1	1646	1646	1646	0	0
4552	MIS2DFSGP_41951_0623	MIS	21.3785	-36.45705	1	1620	1620	1620	0	0
4551	MIS2DFSGP_41950_0566	MIS	21.53606	-35.51387	1	1639	1639	1639	0	0
4382	MIS2DFSGP_30783_0298	MIS	21.681919	-28.916861	1	1593	1593	1593	0	0
3207	MISDR1_17084_0424	MIS	21.70166	13.6494	1	1677	1677	1677	0	0
3697	MISDR1_29596_0661	MIS	21.80389	-9.78317	1	1646	1646	1646	0	0
4361	MIS2DFSGP_30716_0218	MIS	22.236309	-27.883801	1	1638	1638	1638	0	0
4335	MIS2DFSGP_30586_0150	MIS	22.30629	-26.029249	1	1421	1421	1421	0	0
3695	MISDR1_29550_0661	MIS	22.33015	-8.80198	2	1705	1705	1705	0	0
4555	MIS2DFSGP_42005_0567	MIS	22.697729	-35.291039	1	1637	1637	1637	0	0
4554	MIS2DFSGP_42002_0452	MIS	23.020081	-32.45927	1	1621	1621	1621	0	0
4553	MIS2DFSGP_42000_0380	MIS	23.1674	-30.554649	1	1648	1648	1648	0	0
4557	MIS2DFSGP_42061_0568	MIS	23.85894	-35.055519	1	1250	1250	1250	0	0
4556	MIS2DFSGP_42058_0453	MIS	24.12254	-32.242241	1	1651	1651	1651	0	0
3700	MISDR1_17740_0663	MIS	24.47728	-8.52842	1	1648	1648	1648	0	0
4653	MISDR2_17174_0426	MIS	24.732981	13.935644	1	1615	1615	1615	0	0
3704	MISDR1_18991_0663	MIS	24.79258	-10.83376	1	1579	1579	1579	0	0
4652	MISDR2_17173_0426	MIS	25.20579	14.852995	3	4365	4365	4365	0	0
4655	MISDR2_17207_0426	MIS	25.266595	13.096943	1	1616	1616	1616	0	0
3703	MISDR1_17835_0663	MIS	25.44911	-10.05247	1	1702	1702	1702	0	0
3174	MISDR1_17557_0401	MIS	25.58773	-1.30875	1	1667	1667	1667	0	0
3701	MISDR1_17786_0663	MIS	25.60227	-8.49656	2	1235	1235	1235	0	0
4654	MISDR2_17206_0426	MIS	25.74733	14.008248	1	1630	1630	1630	0	0
4381	MIS2DFSGP_30779_0221	MIS	25.88653	-28.138849	1	631	631	631	0	0
3702	MISDR1_17834_0663	MIS	26.09175	-9.26727	2	1650	1650	1650	0	0
4561	MIS2DFSGP_42177_0569	MIS	26.10318	-35.46883	1	759	759	759	0	0
3217	MISDR1_17205_0429	MIS	26.22297	14.9194	1	1547	1547	1547	0	0
3220	MISDR1_17240_0429	MIS	26.28137	13.16582	2	1727	1727	1727	0	0

3708	MISDR1_17883_0664	MIS	26.58561	-10.04025	1	1682	1682	1682	0	0
3705	MISDR1_17833_0664	MIS	26.72153	-8.4786	2	1253	1253	1253	0	0
3219	MISDR1_17239_0429	MIS	26.76317	14.07135	1	1641	1641	1641	0	0
3707	MISDR1_17882_0664	MIS	27.2167	-9.25856	1	1493	1493	1493	0	0
3218	MISDR1_17238_0429	MIS	27.2425	14.97574	1	1677	1677	1677	0	0
3222	MISDR1_17274_0429	MIS	27.2976	13.22467	1	1644	1644	1644	0	0
3221	MISDR1_17273_0429	MIS	27.78163	14.12452	1	1670	1670	1670	0	0
3706	MISDR1_17881_0664	MIS	27.83508	-8.47281	1	1599	1599	1599	0	0
3223	MISDR1_17272_0430	MIS	28.26403	15.022	1	1672	1672	1672	0	0
3710	MISDR1_17931_0665	MIS	28.33594	-9.26262	1	1370	1370	1370	0	0
3225	MISDR1_17308_0430	MIS	28.80269	14.16824	1	1675	1675	1675	0	0
3713	MISDR1_17982_0665	MIS	28.84085	-10.0548	1	1702	1702	1702	0	0
3709	MISDR1_17930_0665	MIS	28.94292	-8.47918	2	1627	1627	1627	0	0
3224	MISDR1_17307_0430	MIS	29.29964	15.05523	1	1677	1677	1677	0	0
3209	MISDR1_17345_0427	MIS	29.33591	13.31415	1	1660	1660	1660	0	0
3712	MISDR1_17981_0665	MIS	29.44921	-9.27888	2	1649	1649	1649	0	0
3208	MISDR1_17344_0427	MIS	29.82552	14.20311	1	1663	1663	1663	0	0
3717	MISDR1_18033_0666	MIS	29.95969	-10.08099	2	1649	1649	1649	0	0
3711	MISDR1_17980_0665	MIS	30.04531	-8.49714	2	1631	1631	1631	0	0
3716	MISDR1_18032_0666	MIS	30.556	-9.30616	2	3348	3348	3348	0	0
3714	MISDR1_17979_0666	MIS	30.62959	-7.71005	1	1659	1659	1659	0	0
3210	MISDR1_17381_0427	MIS	30.85721	14.22734	1	1669	1669	1669	0	0
3715	MISDR1_18031_0666	MIS	31.14171	-8.5261	1	528	528	528	0	0
3212	MISDR1_17420_0427	MIS	31.38018	13.37126	1	1662	1662	1662	0	0
3175	MISDR1_17728_0404	MIS	31.40704	1.34772	1	1653	1653	1653	0	0
4575	MIS2DFSGP_42484_0631	MIS	31.52314	-36.265652	1	0	0	0	0	0
4574	MIS2DFSGP_42483_0573	MIS	31.60874	-35.285419	1	0	0	0	0	0
3718	MISDR1_18084_0666	MIS	31.65787	-9.34507	1	1651	1651	1651	0	0
3176	MISDR1_17824_0404	MIS	31.8845	-1.16834	1	1665	1665	1665	0	0
3211	MISDR1_17419_0427	MIS	31.88727	14.24744	1	1649	1649	1649	0	0
3214	MISDR1_17460_0428	MIS	31.9056	12.51235	1	1664	1664	1664	0	0
3720	MISDR1_18083_0667	MIS	32.23202	-8.56492	1	1681	1681	1681	0	0
4579	MIS2DFSGP_42549_0632	MIS	32.575989	-37.022598	1	1593	1593	1593	0	0
4578	MIS2DFSGP_42546_0515	MIS	32.768108	-34.100071	2	239	239	239	0	0
3719	MISDR1_18082_0667	MIS	32.79572	-7.77944	1	1685	1685	1685	0	0
4577	MIS2DFSGP_42544_0460	MIS	32.891541	-32.1143	1	0	0	0	0	0
3213	MISDR1_17458_0428	MIS	32.91613	14.26281	1	1533	1533	1533	0	0
3721	MISDR1_18136_0667	MIS	33.3167	-8.6136	1	1558	1558	1558	0	0
3216	MISDR1_17499_0428	MIS	33.43506	13.40012	1	1692	1692	1692	0	0
4582	MIS2DFSGP_42611_0516	MIS	33.84362	-33.903099	1	1179	1179	1179	0	0
3722	MISDR1_18135_0668	MIS	33.87004	-7.82744	1	1560	1560	1560	0	0
4581	MIS2DFSGP_42609_0461	MIS	33.92524	-31.93116	1	1656	1656	1656	0	0
3215	MISDR1_17498_0428	MIS	33.94439	14.27404	1	1694	1694	1694	0	0
3177	MISDR1_17921_0405	MIS	33.95073	-1.19069	1	1643	1643	1643	0	0
4580	MIS2DFSGP_42606_0308	MIS	34.044239	-28.90901	1	0	0	0	0	0
3723	MISDR1_18190_0668	MIS	34.39464	-8.67097	1	1558	1558	1558	0	0
4253	MIS2DFSGP_18973_0102	MIS	34.68412	-24.916059	1	0	0	0	0	0
4585	MIS2DFSGP_42680_0633	MIS	34.85775	-36.58395	1	598	598	598	0	0
3724	MISDR1_18246_0668	MIS	34.92424	-9.51815	1	1567	1567	1567	0	0
4584	MIS2DFSGP_42675_0462	MIS	34.961109	-31.749729	1	1302	1302	1302	0	0
4583	MIS2DFSGP_42674_0389	MIS	34.981312	-30.75913	1	0	0	0	0	0
4252	MIS2DFSGP_18972_0157	MIS	35.333752	-25.737579	1	0	0	0	0	0

3304	MISDR1_18245_0454	MIS	35.46611	-8.73647	1	1569	1569	1569	0	0
4586	MIS2DFSGP_42738_0230	MIS	35.999619	-27.586029	1	0	0	0	0	0
4588	MIS2DFSGP_42744_0517	MIS	35.99979	-33.50708	1	0	0	0	0	0
3303	MISDR1_18244_0454	MIS	35.9999	-7.94717	1	1565	1565	1565	0	0
4587	MIS2DFSGP_42741_0390	MIS	35.999969	-30.58659	1	0	0	0	0	0
3302	MISDR1_18243_0454	MIS	36.52705	-7.08894	1	1549	1549	1549	0	0
3305	MISDR1_18301_0454	MIS	36.53356	-8.73647	3	1394	1394	1394	0	0
4251	MIS2DFSGP_18936_0103	MIS	36.64888	-24.287149	1	0	0	0	0	0
4409	MIS2DFSGP_38080_0231	MIS	36.960388	-27.732229	1	0	0	0	0	0
4410	MIS2DFSGP_38082_0311	MIS	36.979691	-28.75139	1	0	0	0	0	0
3306	MISDR1_18359_0454	MIS	37.0759	-9.51815	4	4989	4989	4989	0	0
4419	MIS2DFSGP_38124_0576	MIS	37.121422	-35.630798	1	0	0	0	0	0
4250	MIS2DFSGP_18935_0048	MIS	37.283508	-23.46133	2	1084	1084	1084	0	0
4274	MIS2DFSGP_28457_0158	MIS	37.532101	-26.109619	1	0	0	0	0	0
3178	MISDR1_18127_0407	MIS	38.04904	-1.19069	1	1636	1636	1636	0	0
4415	MIS2DFSGP_38114_0519	MIS	38.156219	-33.903099	1	0	0	0	0	0
4424	MIS2DFSGP_38144_0635	MIS	38.283749	-36.804031	1	0	0	0	0	0
4275	MIS2DFSGP_28495_0049	MIS	38.572319	-23.288429	1	0	0	0	0	0
3307	MISDR1_18356_0455	MIS	38.64971	-6.98734	1	1705	1705	1705	0	0
3310	MISDR1_18416_0455	MIS	38.68379	-8.6136	1	1550	1550	1550	0	0
4414	MIS2DFSGP_38105_0465	MIS	39.108059	-32.1143	1	0	0	0	0	0
3309	MISDR1_18415_0455	MIS	39.20412	-7.77944	1	1705	1705	1705	0	0
4441	MIS2DFSGP_40428_0233	MIS	39.24947	-27.464569	1	0	0	0	0	0
3308	MISDR1_18414_0455	MIS	39.72021	-6.94751	2	2127	2127	2127	0	0
4266	MIS2DFSGP_28323_0105	MIS	39.72694	-24.80365	1	0	0	0	0	0
3312	MISDR1_18475_0455	MIS	39.7681	-8.56492	1	1705	1705	1705	0	0
4412	MIS2DFSGP_38091_0313	MIS	40.168999	-29.51951	1	0	0	0	0	0
4418	MIS2DFSGP_38121_0520	MIS	40.22311	-33.302551	1	0	0	0	0	0
3311	MISDR1_18474_0455	MIS	40.28413	-7.74012	1	1558	1558	1558	0	0
4442	MIS2DFSGP_40429_0234	MIS	40.321972	-27.74258	1	0	0	0	0	0
4423	MIS2DFSGP_38142_0578	MIS	40.390629	-35.285419	1	0	0	0	0	0
3313	MISDR1_18473_0456	MIS	40.79636	-6.9175	1	1701	1701	1701	0	0
4260	MIS2DFSGP_28194_0050	MIS	40.990231	-23.16186	1	0	0	0	0	0
3180	MISDR1_18292_0409	MIS	41.15514	-1.16834	1	1577	1577	1577	0	0
4268	MIS2DFSGP_28387_0161	MIS	41.24675	-26.161961	1	0	0	0	0	0
4411	MIS2DFSGP_38090_0314	MIS	41.32502	-28.90966	1	0	0	0	0	0
3315	MISDR1_18534_0456	MIS	41.37036	-7.71005	1	1703	1703	1703	0	0
4443	MIS2DFSGP_40430_0235	MIS	41.391171	-28.00963	1	0	0	0	0	0
3179	MISDR1_18233_0409	MIS	41.62269	1.33511	1	1650	1650	1650	0	0
3314	MISDR1_18533_0456	MIS	41.87816	-6.89672	1	1703	1703	1703	0	0
3317	MISDR1_18596_0456	MIS	41.95496	-8.49714	1	1703	1703	1703	0	0
4262	MIS2DFSGP_28256_0107	MIS	42.181271	-24.60688	2	0	123	0	0	0
4417	MIS2DFSGP_38119_0467	MIS	42.32362	-31.889311	1	0	0	0	0	0
4267	MIS2DFSGP_28386_0162	MIS	42.325581	-26.411819	1	0	0	0	0	0
4422	MIS2DFSGP_38140_0521	MIS	42.33075	-33.688671	1	0	0	0	0	0
4413	MIS2DFSGP_38095_0315	MIS	42.4062	-29.17639	1	0	0	0	0	0
3316	MISDR1_18595_0456	MIS	42.46204	-7.69039	1	1683	1683	1683	0	0
4426	MIS2DFSGP_38165_0579	MIS	42.58585	-35.693562	2	1609	1692	1609	0	0
3318	MISDR1_18594_0457	MIS	42.96527	-6.88633	1	1637	1637	1637	0	0
3320	MISDR1_18658_0457	MIS	43.0568	-8.47918	1	1703	1703	1703	0	0
4420	MIS2DFSGP_38128_0468	MIS	43.452381	-32.171822	1	0	0	0	0	0
4433	MIS2DFSGP_38193_0638	MIS	43.840351	-36.893532	2	1609	1693	1609	0	0

4273	MIS2DFSGP_28451_0237	MIS	43.99287	-27.692751	1	0	0	0	0	0
3319	MISDR1_18656_0457	MIS	44.05727	-6.88691	1	1542	1542	1542	0	0
4416	MIS2DFSGP_38117_0396	MIS	44.553768	-30.6019	1	0	0	0	0	0
3321	MISDR1_18720_0457	MIS	44.66191	-7.68461	1	1701	1701	1701	0	0
4429	MIS2DFSGP_38177_0580	MIS	44.716438	-35.188622	2	1609	1693	1609	0	0
4265	MIS2DFSGP_28318_0163	MIS	44.947231	-26.073259	1	0	0	0	0	0
4438	MIS2DFSGP_38208_0639	MIS	44.967491	-37.102299	1	0	0	0	0	0
4272	MIS2DFSGP_28450_0238	MIS	45.054562	-27.920759	1	0	0	0	0	0
3322	MISDR1_18785_0458	MIS	45.27854	-8.4786	1	1701	1701	1701	0	0
4444	MIS2DFSGP_40434_0317	MIS	45.629372	-28.97448	1	0	0	0	0	0
4421	MIS2DFSGP_38137_0469	MIS	45.667679	-31.773991	1	0	0	0	0	0
4425	MIS2DFSGP_38162_0523	MIS	45.754662	-33.62466	2	1605	1689	1605	0	0
4437	MIS2DFSGP_38207_0640	MIS	45.990002	-36.3894	2	1608	1692	1608	0	0
4264	MIS2DFSGP_28317_0164	MIS	46.016289	-26.28458	1	0	0	0	0	0
3324	MISDR1_18850_0458	MIS	46.39782	-8.49656	1	1701	1701	1701	0	0
3323	MISDR1_18849_0458	MIS	46.88433	-7.7274	1	1680	1680	1680	0	0
4439	MIS2DFSGP_38223_0641	MIS	47.18996	-36.662479	1	0	0	0	0	0
3326	MISDR1_18848_0459	MIS	47.36754	-6.96021	1	1700	1700	1700	0	0
3329	MISDR1_18916_0459	MIS	47.52276	-8.52842	1	1698	1698	1698	0	0
3325	MISDR1_18847_0459	MIS	47.84812	-6.19427	1	1702	1702	1702	0	0
4256	MIS2DFSGP_28063_0054	MIS	47.970341	-23.07526	1	0	0	0	0	0
3328	MISDR1_18915_0459	MIS	48.00389	-7.76845	1	1698	1698	1698	0	0
4432	MIS2DFSGP_38189_0524	MIS	48.039021	-34.12014	1	1609	1693	1609	0	0
4259	MIS2DFSGP_28187_0110	MIS	48.057331	-24.85605	1	0	0	0	0	0
3327	MISDR1_18914_0459	MIS	48.48199	-7.01043	1	1692	1693	1692	0	0
4255	MIS2DFSGP_28062_0055	MIS	49.045841	-23.24415	1	0	0	0	0	0
3330	MISDR1_28515_0459	MIS	49.12903	-7.82281	1	1699	1699	1699	0	0
3331	MISDR1_28516_0459	MIS	49.60141	-7.07393	1	1699	1699	1699	0	0
4258	MIS2DFSGP_28123_0111	MIS	49.618801	-24.21677	1	0	0	0	0	0
3337	MISDR1_28517_0460	MIS	50.07176	-6.32569	1	1702	1702	1702	0	0
4100	MIS2DFR_38632_0859	MIS	50.13749	-52.63825	1	0	1485	1485	0	0
3336	MISDR1_27169_0460	MIS	50.1502	-8.04495	1	1698	1698	1698	0	0
3338	MISDR1_28518_0460	MIS	50.53909	-5.57911	1	1607	1607	1607	0	0
3334	MISDR1_27125_0460	MIS	50.6276	-7.28876	1	1698	1698	1698	0	0
3332	MISDR1_27082_0460	MIS	51.10232	-6.53384	1	1696	1696	1696	0	0
3335	MISDR1_27168_0460	MIS	51.16984	-8.25332	1	1698	1698	1698	0	0
4254	MIS2DFSGP_28060_0056	MIS	51.183319	-23.556919	1	0	0	0	0	0
3333	MISDR1_27124_0460	MIS	51.65147	-7.48982	1	1697	1697	1697	0	0
4257	MIS2DFSGP_28121_0112	MIS	51.74493	-24.528761	1	0	0	0	0	0
4102	MIS2DFR_38665_0859	MIS	51.76269	-52.87209	4	0	1517	1516	0	0
3343	MISDR1_27081_0461	MIS	52.13103	-6.72765	1	1698	1698	1698	0	0
4434	MIS2DFSGP_38201_0473	MIS	52.14209	-32.080479	1	0	0	0	0	0
4440	MIS2DFSGP_38255_0584	MIS	52.602348	-34.968079	1	0	0	0	0	0
3340	MISDR1_27039_0461	MIS	52.6084	-5.96667	1	1697	1697	1697	0	0
3342	MISDR1_27080_0461	MIS	53.15826	-6.90826	2	1776	1776	1776	0	0
3339	MISDR1_27038_0461	MIS	53.63953	-6.1401	1	1697	1697	1697	0	0
3341	MISDR1_27079_0461	MIS	54.18372	-7.07566	1	3129	1624	1624	0	0
4269	MIS2DFSGP_28440_0325	MIS	55.523911	-29.685579	1	0	0	0	0	0
3345	MISDR1_27036_0462	MIS	55.69742	-6.44734	1	1480	1480	1480	0	0
3344	MISDR1_26995_0462	MIS	56.18473	-5.66604	5	6237	6237	6237	0	0
3346	MISDR1_26955_0463	MIS	56.66958	-4.88465	2	1920	1920	1920	0	0
3347	MISDR1_26994_0463	MIS	57.21449	-5.7933	1	1462	1462	1462	0	0

3352	MISDR1_26992_0464	MIS	59.27021	-6.01046	3	2340	2340	2340	0	0
3350	MISDR1_26952_0464	MIS	59.76572	-5.20906	2	1527	1527	1527	0	0
3353	MISDR1_27032_0464	MIS	59.79703	-6.90999	3	2886	2886	2886	0	0
3348	MISDR1_26913_0464	MIS	60.25918	-4.40695	4	2516	2516	2516	0	0
3351	MISDR1_26991_0464	MIS	60.29621	-6.10149	5	3811	3811	3811	0	0
3349	MISDR1_26951_0464	MIS	60.79405	-5.29306	2	1535	1535	1535	0	0
3355	MISDR1_26912_0465	MIS	61.29088	-4.48453	3	2462	2462	2462	0	0
3354	MISDR1_26911_0465	MIS	62.31981	-4.5512	2	1481	1481	1481	0	0
3356	MISDR1_26949_0465	MIS	62.84655	-5.42945	3	2290	2290	2290	0	0
15463	MISDR2_15145_0888	MIS	114.17479	26.74497	4	1459	4670	1459	0	0
15386	MISDR2_15188_0857	MIS	114.69567	25.78466	5	2311	4008	2311	0	0
15464	MISDR2_15187_0888	MIS	115.20631	26.69621	2	1524	3196	1524	0	0
16038	MISDR3_15325_1203	MIS	115.23533	21.19419	1	1703	1703	1703	0	0
3491	MISDR1_04421_0542	MIS	115.26654	35.38867	4	1508	1508	1508	0	0
3228	MISDR1_04295_0433	MIS	115.57896	37.25331	4	1695	1695	1695	0	0
15185	MISDR2_15142_0754	MIS	115.70687	29.53005	1	1535	1535	1535	0	0
3490	MISDR1_04357_0542	MIS	115.9922	36.2884	6	1312	1314	1312	0	0
15750	MISDR3_15141_0889	MIS	116.2181	30.47085	1	1702	1702	1702	0	0
3226	MISDR1_04055_0432	MIS	116.23729	40.88705	4	3590	4701	3590	0	0
3227	MISDR1_04233_0433	MIS	116.33473	38.13234	4	3221	4429	3221	0	0
15187	MISDR2_04616_0755	MIS	116.39202	32.42465	1	1494	1494	1494	0	0
3230	MISDR1_03941_0434	MIS	116.58073	42.66339	3	3039	3039	3039	0	0
15188	MISDR2_04683_0755	MIS	116.73019	31.41949	1	1294	1294	1294	0	0
15751	MISDR3_15184_0889	MIS	116.73633	29.4662	1	1703	1704	1703	0	0
3231	MISDR1_03997_0434	MIS	117.05225	41.72914	6	3017	3914	3017	0	0
15186	MISDR2_04615_0755	MIS	117.44256	32.35001	1	1447	1447	1447	0	0
3234	MISDR1_04054_0435	MIS	117.5012	40.78936	7	2808	5280	2808	0	0
15387	MISDR2_15273_0858	MIS	117.78025	27.48329	1	1693	1693	1693	0	0
15388	MISDR2_15320_0858	MIS	117.79692	25.60916	2	1703	1703	1703	0	0
3229	MISDR1_03940_0434	MIS	117.89642	42.55674	6	1483	3180	1483	0	0
16123	MISDR3_15466_1263	MIS	118.3533	21.03204	2	1689	1689	1689	0	0
15752	MISDR3_04614_0890	MIS	118.49359	32.26663	1	1692	1692	1692	0	0
3233	MISDR1_04053_0435	MIS	118.76342	40.67821	1	1657	1657	1657	0	0
15775	MISDR3_15366_0928	MIS	118.83318	25.53612	1	1698	1698	1698	0	0
15776	MISDR3_15365_0929	MIS	119.34133	26.42654	1	1284	1284	1284	0	0
16039	MISDR3_15464_1204	MIS	119.38205	22.75553	1	1628	1628	1628	0	0
16126	MISDR3_15515_1264	MIS	119.39692	20.96515	2	1686	1686	1686	0	0
3240	MISDR1_03672_0438	MIS	119.65381	46.81267	4	2309	2309	2309	0	0
15389	MISDR2_15316_0859	MIS	119.8303	29.22628	1	1690	1690	1690	0	0
16125	MISDR3_15514_1264	MIS	119.91244	21.81988	2	1702	1702	1702	0	0
3232	MISDR1_04052_0435	MIS	120.02482	40.55216	1	1696	1696	1696	0	0
3235	MISDR1_03723_0436	MIS	120.13598	45.88384	1	1583	1583	1583	0	0
16124	MISDR3_15513_1264	MIS	120.42499	22.67727	1	1698	1698	1698	0	0
3238	MISDR1_03938_0437	MIS	120.52084	42.29748	1	1676	1676	1676	0	0
3236	MISDR1_03775_0436	MIS	120.59427	44.95247	1	1563	1563	1563	0	0
3239	MISDR1_03621_0438	MIS	120.59874	47.59614	1	1702	1702	1702	0	0
3241	MISDR1_03722_0438	MIS	121.5497	45.72275	1	1701	1701	1701	0	0
3237	MISDR1_03937_0437	MIS	121.82984	42.14506	1	1698	1698	1698	0	0
3243	MISDR1_03774_0439	MIS	121.98047	44.78916	1	1701	1701	1701	0	0
3246	MISDR1_03475_0440	MIS	122.07563	50.09954	1	1693	1693	1693	0	0
16020	MISDR3_16262_1184	MIS	122.84629	4.10359	4	1980	3662	1980	0	0
3242	MISDR1_03721_0439	MIS	122.95921	45.5433	1	1703	1703	1703	0	0

3245	MISDR1_03474_0440	MIS	123.59946	49.92924	2	1694	3395	1694	0	0
15295	MISDR2_04288_0826	MIS	123.7274	36.44565	1	1631	1631	1631	0	0
3252	MISDR1_03669_0441	MIS	123.90913	46.32429	1	1704	1704	1704	0	0
3247	MISDR1_03521_0440	MIS	124.04677	48.98868	5	3399	6578	3399	0	0
3255	MISDR1_03382_0442	MIS	124.23987	51.62274	3	1661	5068	1661	0	0
3248	MISDR1_03569_0440	MIS	124.47969	48.04413	1	1691	1691	1691	0	0
15755	MISDR3_04226_0893	MIS	124.64503	37.24035	1	1631	1631	1631	0	0
3257	MISDR1_03427_0442	MIS	124.68537	50.68641	2	1694	3395	1694	0	0
3244	MISDR1_03473_0440	MIS	125.11412	49.74712	4	1701	3401	1701	0	0
3251	MISDR1_03668_0441	MIS	125.30148	46.14289	1	1704	1704	1704	0	0
3253	MISDR1_03337_0442	MIS	125.39435	52.36436	1	1468	1468	1468	0	0
3493	MISDR1_03719_0548	MIS	125.69237	45.18612	3	1178	4200	1178	0	0
16021	MISDR3_16387_1185	MIS	125.88093	5.37247	2	1693	1693	1693	0	0
3256	MISDR1_03426_0442	MIS	126.22575	50.49238	2	2287	3401	2287	0	0
3249	MISDR1_03617_0441	MIS	126.3105	46.90652	2	0	1698	0	0	0
15074	MISDR2_03824_0547	MIS	126.44128	43.25763	2	2123	2124	2123	0	0
16022	MISDR3_16453_1185	MIS	126.44393	4.4466	3	1678	3375	1678	0	0
3250	MISDR1_03667_0441	MIS	126.68331	45.9522	2	0	1695	0	0	0
3258	MISDR1_03519_0443	MIS	126.99571	48.6077	2	0	1700	0	0	0
3492	MISDR1_03718_0548	MIS	127.04505	44.99378	2	3407	3407	3407	0	0
3259	MISDR1_03567_0443	MIS	127.36159	47.65991	3	1185	2886	1185	0	0
3254	MISDR1_03380_0442	MIS	127.38624	51.22396	2	1687	3195	1687	0	0
3494	MISDR1_03770_0548	MIS	127.39522	44.0304	2	3342	3342	3342	0	0
16023	MISDR3_16519_1185	MIS	127.4864	4.27422	3	1676	3374	1676	0	0
16024	MISDR3_16518_1186	MIS	127.95519	5.0267	1	0	1698	0	0	0
3262	MISDR1_03292_0444	MIS	128.23789	52.87209	1	1696	1696	1696	0	0
3265	MISDR1_03379_0445	MIS	128.94435	51.00401	2	1700	3400	1700	0	0
3272	MISDR1_03208_0446	MIS	129.18056	54.49452	1	1694	1694	1694	0	0
3267	MISDR1_03424_0445	MIS	129.27653	50.0665	2	0	1699	0	0	0
3260	MISDR1_03249_0444	MIS	129.52936	53.56682	1	1579	1579	1579	0	0
3261	MISDR1_03291_0444	MIS	129.86311	52.63825	3	1686	5081	1686	0	0
3497	MISDR1_03517_0550	MIS	129.90745	48.18229	2	584	2281	584	0	0
3263	MISDR1_03334_0445	MIS	130.18309	51.7068	2	1700	3400	1700	0	0
3495	MISDR1_03565_0549	MIS	130.20598	47.23544	2	3403	3403	3403	0	0
3264	MISDR1_03378_0445	MIS	130.49093	50.7724	1	0	1699	0	0	0
15204	MISDR2_03614_0763	MIS	130.49589	46.28448	1	0	1698	0	0	0
3269	MISDR1_03167_0446	MIS	130.55962	55.16696	1	1699	1699	1699	0	0
3266	MISDR1_03423_0445	MIS	130.78754	49.83676	2	1538	3235	1538	0	0
3271	MISDR1_03207_0446	MIS	130.87876	54.24274	3	0	2946	0	0	0
3273	MISDR1_03248_0446	MIS	131.18366	53.31768	2	0	1446	0	0	0
3496	MISDR1_03516_0550	MIS	131.34849	47.95508	1	0	184	0	0	0
3358	MISDR1_24292_0467	MIS	131.45771	1.44114	6	0	0	0	0	0
3274	MISDR1_03290_0447	MIS	131.47666	52.39064	2	3371	3371	3371	0	0
3498	MISDR1_03564_0550	MIS	131.6149	47.00977	2	3402	3402	3402	0	0
3276	MISDR1_03333_0447	MIS	131.75801	51.46061	1	0	1698	0	0	0
15203	MISDR2_03613_0763	MIS	131.8736	46.06026	1	0	1697	0	0	0
3357	MISDR1_24261_0467	MIS	131.93662	2.21733	2	0	0	0	0	0
3282	MISDR1_03127_0448	MIS	132.001	55.81727	2	1696	3393	1696	0	0
3500	MISDR1_03377_0551	MIS	132.02807	50.52932	2	1542	3240	1542	0	0
3268	MISDR1_03166_0446	MIS	132.28863	54.89704	4	0	3988	0	0	0
3270	MISDR1_03206_0446	MIS	132.5634	53.97593	1	1701	1701	1701	0	0
15207	MISDR2_03563_0764	MIS	133.01666	46.77501	2	1639	3334	1639	0	0

3278	MISDR1_03051_0448	MIS	133.24213	57.35723	1	1694	1694	1694	0	0
3275	MISDR1_03332_0447	MIS	133.32179	51.20293	1	0	0	0	0	0
3280	MISDR1_03088_0448	MIS	133.50827	56.44338	2	2959	2959	2959	0	0
3281	MISDR1_03126_0448	MIS	133.76084	55.52872	1	1694	1694	1694	0	0
3283	MISDR1_03165_0449	MIS	134.00301	54.61209	2	0	1697	0	0	0
3359	MISDR1_24321_0468	MIS	134.15764	0.46066	4	3401	3401	3401	0	0
3499	MISDR1_03288_0551	MIS	134.67005	51.85591	1	1697	1697	1697	0	0
15308	MISDR2_03712_0831	MIS	134.98318	43.69109	1	1642	1642	1642	0	0
3277	MISDR1_03050_0448	MIS	135.08117	57.04415	1	1698	1698	1698	0	0
3279	MISDR1_03087_0448	MIS	135.29881	56.13471	1	1697	1697	1697	0	0
3286	MISDR1_03125_0450	MIS	135.50646	55.22418	1	1693	1693	1693	0	0
3502	MISDR1_03245_0552	MIS	136.07585	52.48557	1	1698	1698	1698	0	0
3371	MISDR1_03013_0483	MIS	136.72429	57.6184	1	1696	1696	1696	0	0
3360	MISDR1_24351_0470	MIS	136.80525	-0.46525	3	3185	3185	3185	0	0
3372	MISDR1_03049_0483	MIS	136.90273	56.71384	2	957	957	957	0	0
3284	MISDR1_03086_0450	MIS	137.07322	55.80911	1	1692	1692	1692	0	0
3285	MISDR1_03124_0450	MIS	137.23506	54.90401	3	3075	4055	3075	0	0
3287	MISDR1_03163_0450	MIS	137.39027	53.99834	1	0	1691	0	0	0
3503	MISDR1_03203_0553	MIS	137.53942	53.09097	2	1563	1563	1563	0	0
3361	MISDR1_24286_0471	MIS	137.80124	1.17694	1	1704	1704	1704	0	0
3363	MISDR1_24350_0472	MIS	137.84374	-0.48817	1	1702	1702	1702	0	0
15208	MISDR2_03373_0765	MIS	138.0809	49.44392	1	0	1697	0	0	0
3374	MISDR1_02943_0484	MIS	138.29233	59.05819	1	1695	1695	1695	0	0
3375	MISDR1_02977_0484	MIS	138.43654	58.16167	2	2216	2216	2216	0	0
15310	MISDR2_03559_0832	MIS	138.55093	45.75887	1	0	1697	0	0	0
3291	MISDR1_03012_0451	MIS	138.57376	57.26387	1	1695	1695	1695	0	0
15101	MISDR2_24169_0567	MIS	138.75314	4.46902	1	1665	1665	1665	0	0
3362	MISDR1_24349_0472	MIS	138.8787	-0.50249	2	3355	3355	3355	0	0
15209	MISDR2_03372_0766	MIS	139.57199	49.14609	1	0	1697	0	0	0
3365	MISDR1_24348_0474	MIS	139.91043	-0.50822	3	2037	2038	2037	0	0
3378	MISDR1_02877_0485	MIS	140.01799	60.45399	3	1512	4483	1512	0	0
15314	MISDR2_03657_0832	MIS	140.07785	43.63723	1	0	1639	0	0	0
3379	MISDR1_02909_0485	MIS	140.12202	59.56337	2	2999	2999	2999	0	0
3373	MISDR1_02942_0484	MIS	140.22038	58.67257	1	1694	1694	1694	0	0
3289	MISDR1_02976_0451	MIS	140.31427	57.78353	1	1696	1696	1696	0	0
3290	MISDR1_03011_0451	MIS	140.4034	56.89279	2	0	3384	0	0	0
15792	MISDR3_03922_0938	MIS	140.44134	38.9388	1	1662	1662	1662	0	0
3292	MISDR1_03047_0451	MIS	140.48817	56.00229	1	1446	1446	1446	0	0
3504	MISDR1_03084_0554	MIS	140.5697	55.11083	1	1657	1657	1657	0	0
16195	MISDR3_24023_1302	MIS	140.75255	9.39326	1	0	1691	0	0	0
15764	MISDR3_03371_0900	MIS	141.05523	48.83786	1	0	1419	0	0	0
3366	MISDR1_24380_0474	MIS	141.45717	-1.35116	3	2169	2169	2169	0	0
3368	MISDR1_24222_0475	MIS	141.93572	2.86885	4	466	1778	466	0	0
3364	MISDR1_24346_0474	MIS	141.96274	-0.49905	4	2126	2126	2126	0	0
3376	MISDR1_02845_0485	MIS	141.97067	60.91505	1	1694	1694	1694	0	0
3377	MISDR1_02876_0485	MIS	142.0238	60.03263	1	1691	1691	1691	0	0
3296	MISDR1_02908_0452	MIS	142.07503	59.15081	1	1597	1597	1597	0	0
3288	MISDR1_02975_0451	MIS	142.16818	57.38698	2	2875	2876	2875	0	0
15210	MISDR2_03160_0767	MIS	142.36765	52.96902	1	0	1671	0	0	0
15842	MISDR3_24089_0992	MIS	142.41468	7.03467	1	0	1703	0	0	0
15848	MISDR3_24139_0992	MIS	142.432	5.38341	1	0	1322	0	0	0
16037	MISDR3_24065_1196	MIS	142.93806	7.88354	1	0	1415	0	0	0

15844	MISDR3_24113_0992	MIS	142.95073	6.23462	1	0	1581	0	0	0
15106	MISDR2_24165_0569	MIS	142.96122	4.57247	1	0	1354	0	0	0
3367	MISDR1_24221_0475	MIS	142.97015	2.89754	3	2615	2615	2615	0	0
3301	MISDR1_04758_0453	MIS	143.9995	59.59279	2	0	3367	0	0	0
15214	MISDR2_02340_0768	MIS	143.9998	53.47526	1	0	1698	0	0	0
15077	MISDR2_02343_0555	MIS	143.99981	56.09873	1	0	1699	0	0	0
15105	MISDR2_24164_0569	MIS	143.99984	4.61558	2	981	2669	981	0	0
3370	MISDR1_24220_0477	MIS	143.99987	2.93138	4	2768	2768	2768	0	0
3297	MISDR1_04759_0452	MIS	143.99988	58.71888	1	0	1695	0	0	0
15076	MISDR2_02341_0555	MIS	143.99994	54.35074	1	0	1699	0	0	0
15843	MISDR3_24112_0992	MIS	143.99995	6.28765	1	0	1692	0	0	0
3295	MISDR1_02345_0452	MIS	144.00001	57.84592	1	0	1697	0	0	0
3383	MISDR1_04755_0486	MIS	144.00009	62.21462	1	1694	1694	1694	0	0
16056	MISDR3_01595_1215	MIS	145.18663	38.47038	1	0	771	0	0	0
15212	MISDR2_00819_0768	MIS	145.63204	52.96902	1	0	1697	0	0	0
3506	MISDR1_00702_0556	MIS	145.7465	55.62196	1	0	1698	0	0	0
3299	MISDR1_00527_0453	MIS	145.9762	60.03263	1	0	1383	0	0	0
3382	MISDR1_00495_0486	MIS	146.02878	60.91505	1	1695	1695	1695	0	0
3380	MISDR1_00464_0486	MIS	146.08563	61.79837	1	1693	1693	1693	0	0
15888	MISDR3_01126_1005	MIS	146.827	47.02742	1	0	1407	0	0	0
15466	MISDR2_00901_0902	MIS	147.13692	51.53608	1	0	1390	0	0	0
3009	MISDR1_24308_0267	MIS	147.58562	0.33289	1	759	759	759	0	0
3381	MISDR1_00494_0486	MIS	148.09301	61.34463	1	0	0	0	0	0
3388	MISDR1_00463_0487	MIS	148.20934	62.23552	3	0	1698	0	0	0
3386	MISDR1_00433_0487	MIS	148.33295	63.12818	2	0	1695	0	0	0
3384	MISDR1_00404_0487	MIS	148.46533	64.0217	1	1693	1693	1693	0	0
3389	MISDR1_00493_0487	MIS	150.1904	61.75112	2	0	1698	0	0	0
3016	MISDR1_24274_0269	MIS	150.1986	1.17694	2	1272	1273	1272	0	0
3387	MISDR1_00462_0487	MIS	150.37159	62.64917	2	0	1698	0	0	0
3385	MISDR1_00432_0487	MIS	150.5632	63.54956	1	1694	1694	1694	0	0
3018	MISDR1_24305_0269	MIS	150.69701	0.35524	1	1706	1706	1706	0	0
15028	MISDR2_00403_0488	MIS	150.76888	64.4501	1	0	1696	0	0	0
3019	MISDR1_24337_0269	MIS	151.19454	-0.46525	1	1702	1702	1702	0	0
3015	MISDR1_24273_0269	MIS	151.24619	1.1947	1	1703	1703	1703	0	0
15120	MISDR2_24157_0573	MIS	151.38146	4.47017	2	1888	1888	1888	0	0
3017	MISDR1_24304_0269	MIS	151.74196	0.38045	1	1705	1705	1705	0	0
15216	MISDR2_00524_0770	MIS	152.08941	61.23133	1	0	1674	0	0	0
15219	MISDR2_00492_0771	MIS	152.32304	62.13606	1	0	1698	0	0	0
15032	MISDR2_00461_0488	MIS	152.57131	63.03959	1	0	1698	0	0	0
3021	MISDR1_24303_0270	MIS	152.79023	0.4154	3	2190	2190	2190	0	0
15030	MISDR2_00431_0488	MIS	152.83638	63.94593	1	0	1698	0	0	0
3022	MISDR1_24335_0270	MIS	153.28196	-0.39019	1	1703	1703	1703	0	0
3026	MISDR1_24368_0271	MIS	153.77376	-1.19528	2	1386	1386	1386	0	0
3020	MISDR1_24302_0270	MIS	153.84212	0.46066	1	1702	1702	1702	0	0
15221	MISDR2_00523_0771	MIS	154.18889	61.58812	1	0	1697	0	0	0
3024	MISDR1_24334_0271	MIS	154.33078	-0.3369	1	1701	1701	1701	0	0
3023	MISDR1_24270_0271	MIS	154.41226	1.30875	1	1702	1702	1702	0	0
15218	MISDR2_00491_0771	MIS	154.48923	62.49617	1	0	1699	0	0	0
15031	MISDR2_00460_0488	MIS	154.80936	63.40585	1	0	1698	0	0	0
3025	MISDR1_24367_0271	MIS	154.81875	-1.13453	2	1981	1981	1981	0	0
15029	MISDR2_00430_0488	MIS	155.14969	64.31625	1	0	1671	0	0	0
3027	MISDR1_24269_0272	MIS	155.47507	1.36893	1	1459	1459	1459	0	0

3430	MISDR1_24209_0503	MIS	155.58358	2.99449	3	1167	1167	1167	0	0
15087	MISDR2_00589_0559	MIS	155.64145	60.09692	1	0	1700	0	0	0
15222	MISDR2_00555_0771	MIS	155.97077	61.00831	1	0	1007	0	0	0
3431	MISDR1_24238_0503	MIS	156.06347	2.21733	1	1698	1698	1698	0	0
15220	MISDR2_00522_0771	MIS	156.31869	61.92106	1	0	1699	0	0	0
15036	MISDR2_24268_0504	MIS	156.54199	1.44114	1	0	1579	0	0	0
15224	MISDR2_00490_0772	MIS	156.68836	62.83306	1	0	1637	0	0	0
15126	MISDR2_24152_0575	MIS	156.80163	4.66674	1	0	133	0	0	0
15413	MISDR2_01119_0874	MIS	156.92705	48.89709	2	2871	2871	2871	0	0
15091	MISDR2_00659_0559	MIS	156.94899	58.56913	1	0	1701	0	0	0
3028	MISDR1_24299_0272	MIS	157.02019	0.66579	1	1692	1692	1692	0	0
15034	MISDR2_24237_0504	MIS	157.13872	2.29416	1	0	327	0	0	0
15088	MISDR2_00623_0559	MIS	157.29836	59.48542	1	0	1702	0	0	0
15035	MISDR2_24267_0504	MIS	157.6134	1.52597	1	0	223	0	0	0
15093	MISDR2_00588_0560	MIS	157.66932	60.40058	1	0	1699	0	0	0
15226	MISDR2_00554_0772	MIS	158.06093	61.31597	1	0	1699	0	0	0
3029	MISDR1_24298_0273	MIS	158.08675	0.75862	1	1505	1505	1505	0	0
15225	MISDR2_00521_0772	MIS	158.47696	62.2306	1	0	1697	0	0	0
3030	MISDR1_24330_0273	MIS	158.5598	-0.00802	1	1696	1696	1696	0	0
15223	MISDR2_00489_0772	MIS	158.91886	63.14594	2	0	1699	0	0	0
3032	MISDR1_24297_0274	MIS	159.15757	0.86405	1	1695	1695	1695	0	0
3393	MISDR1_00458_0489	MIS	159.39197	64.06096	1	1693	1693	1693	0	0
3033	MISDR1_24329_0274	MIS	159.62635	0.10542	2	2030	2030	2030	0	0
3391	MISDR1_00428_0489	MIS	159.89735	64.9759	1	1691	1691	1691	0	0
15095	MISDR2_00553_0561	MIS	160.17713	61.60017	1	0	1701	0	0	0
3031	MISDR1_24296_0274	MIS	160.23211	0.98267	4	3059	3059	3059	0	0
3432	MISDR1_26176_0506	MIS	160.39131	2.6004	4	3037	3037	3037	0	0
3390	MISDR1_00399_0489	MIS	160.43835	65.88959	1	1693	1693	1693	0	0
15228	MISDR2_00520_0773	MIS	160.6636	62.51603	2	1705	3403	1705	0	0
3433	MISDR1_26177_0506	MIS	160.85187	1.85728	2	1276	1276	1276	0	0
3035	MISDR1_24361_0275	MIS	161.16026	-0.51911	1	1639	1639	1639	0	0
15227	MISDR2_00488_0773	MIS	161.1806	63.43146	2	1655	3354	1655	0	0
3037	MISDR1_26178_0275	MIS	161.31097	1.1139	2	1818	3380	1818	0	0
3036	MISDR1_24395_0275	MIS	161.6243	-1.26978	1	1686	1686	1686	0	0
3392	MISDR1_00457_0489	MIS	161.73412	64.34667	1	1694	1694	1694	0	0
3038	MISDR1_26179_0275	MIS	161.77033	0.37128	1	436	436	436	0	0
3034	MISDR1_14245_0275	MIS	162.22947	-0.37128	1	1687	1687	1687	0	0
3041	MISDR1_14244_0276	MIS	162.68849	-1.1139	2	1931	1931	1931	0	0
3395	MISDR1_00398_0490	MIS	162.96203	66.17592	1	1693	1693	1693	0	0
3039	MISDR1_12529_0276	MIS	163.30344	-0.23148	4	2057	2057	2057	0	0
3394	MISDR1_00370_0490	MIS	163.64741	67.09037	1	1694	1694	1694	0	0
3040	MISDR1_12565_0276	MIS	163.76768	-0.98267	3	1761	1761	1761	0	0
15538	MISDR2_00692_0949	MIS	164.22186	58.64172	2	0	1630	0	0	0
3397	MISDR1_00426_0490	MIS	164.78731	65.51779	1	1695	1695	1695	0	0
3044	MISDR1_12601_0277	MIS	164.84212	-0.86405	3	2035	3622	2035	0	0
3042	MISDR1_12563_0277	MIS	164.96711	0.77466	1	1659	1659	1659	0	0
15047	MISDR2_12562_0508	MIS	165.54821	1.65665	1	1697	1697	1697	0	0
3043	MISDR1_12599_0277	MIS	166.02559	0.88296	1	1678	1678	1678	0	0
15540	MISDR2_00691_0950	MIS	166.163	58.83715	1	0	1631	0	0	0
3045	MISDR1_12637_0277	MIS	166.50265	0.10886	7	2908	2908	2908	0	0
3046	MISDR1_12636_0278	MIS	167.08041	0.97866	2	1822	1822	1822	0	0
3396	MISDR1_00425_0490	MIS	167.27831	65.74413	1	1674	1674	1674	0	0

15541	MISDR2_00728_0950	MIS	167.4753	58.09548	1	0	1628	0	0	0
3047	MISDR1_12675_0278	MIS	167.56148	0.19652	2	1584	1584	1584	0	0
15140	MISDR2_12558_0581	MIS	167.76592	5.20906	3	1698	1699	1698	0	0
3048	MISDR1_12674_0279	MIS	168.13217	1.06232	1	1669	1669	1669	0	0
3052	MISDR1_12756_0279	MIS	168.52461	-1.36893	4	1579	1579	1579	0	0
15483	MISDR2_00766_0909	MIS	168.72254	57.33811	1	0	1627	0	0	0
15143	MISDR2_00454_0596	MIS	168.92857	65.0315	1	0	0	0	0	0
3051	MISDR1_12755_0279	MIS	169.10224	-0.51739	2	1433	1433	1433	0	0
3049	MISDR1_12713_0279	MIS	169.18098	1.13453	3	1302	1817	1302	0	0
3050	MISDR1_12754_0279	MIS	169.66906	0.3369	5	2119	2488	2119	0	0
15051	MISDR2_12712_0510	MIS	169.73519	1.99888	1	0	1547	0	0	0
3053	MISDR1_12753_0280	MIS	170.22629	1.19528	2	2174	2174	2174	0	0
15000	MISDR2_12884_0326	MIS	170.56266	-2.89467	1	18	18	18	0	0
3056	MISDR1_12839_0280	MIS	170.64687	-1.26004	4	1804	2415	1804	0	0
3054	MISDR1_12795_0280	MIS	170.71796	0.39019	2	1637	2220	1637	0	0
15230	MISDR2_00548_0775	MIS	171.07345	62.64169	2	0	0	0	0	0
3055	MISDR1_12838_0280	MIS	171.20996	-0.4154	1	1472	1472	1472	0	0
3559	MISDR1_00453_0597	MIS	171.37055	65.19761	1	1696	1696	1696	0	0
15002	MISDR2_12928_0326	MIS	171.62958	-2.86197	2	2717	2717	2717	0	0
15004	MISDR2_12974_0326	MIS	172.12281	-3.66542	1	1388	1388	1388	0	0
15001	MISDR2_12927_0326	MIS	172.19656	-2.03041	1	0	1285	0	0	0
3560	MISDR1_00483_0597	MIS	172.84796	64.43814	2	1771	1771	1771	0	0
3057	MISDR1_12925_0281	MIS	173.30281	-0.35524	2	1210	1210	1210	0	0
3058	MISDR1_12879_0282	MIS	173.34443	1.31448	3	1077	1077	1077	0	0
3558	MISDR1_00452_0597	MIS	173.82823	65.3318	1	1698	1698	1698	0	0
3059	MISDR1_12924_0282	MIS	173.84355	0.48817	4	1530	2744	1530	0	0
3435	MISDR1_12923_0513	MIS	174.37733	1.33511	2	1236	1236	1236	0	0
3434	MISDR1_12877_0513	MIS	174.40215	3.02261	3	0	1079	0	0	0
16075	MISDR3_12703_1224	MIS	174.41092	9.87446	1	0	0	0	0	0
15435	MISDR2_01107_0880	MIS	175.25313	50.79325	1	0	1415	0	0	0
3436	MISDR1_12920_0514	MIS	175.9433	3.89625	3	1353	1353	1353	0	0
3062	MISDR1_13063_0283	MIS	176.41433	-0.33289	2	0	711	0	0	0
3060	MISDR1_13014_0283	MIS	176.43406	1.35288	2	1027	1027	1027	0	0
3437	MISDR1_12966_0514	MIS	176.44781	3.04957	2	1563	1563	1563	0	0
3089	MISDR1_13163_0329	MIS	176.89609	-2.84705	1	0	1325	0	0	0
3088	MISDR1_13112_0329	MIS	176.91991	-1.17579	2	0	579	0	0	0
3061	MISDR1_13062_0283	MIS	176.93824	0.50707	3	1244	2361	1244	0	0
3398	MISDR1_00365_0492	MIS	177.23696	67.98412	1	1698	1698	1698	0	0
3400	MISDR1_00421_0492	MIS	177.43926	66.31103	2	1031	2718	1031	0	0
3438	MISDR1_13012_0514	MIS	177.46595	3.05244	2	898	1825	899	0	0
3064	MISDR1_13161_0284	MIS	177.95078	-1.19069	2	1466	2928	1466	0	0
3063	MISDR1_13160_0284	MIS	178.4694	-0.35466	2	0	1180	0	0	0
3399	MISDR1_00392_0492	MIS	178.67151	67.18475	1	1698	1698	1698	0	0
3066	MISDR1_13211_0285	MIS	178.97755	-1.21132	3	1353	1353	1353	0	0
3439	MISDR1_13108_0515	MIS	178.98735	2.19095	2	0	1234	0	0	0
3065	MISDR1_13210_0285	MIS	179.49061	-0.37472	4	244	1304	244	0	0
3067	MISDR1_13262_0285	MIS	179.99999	-1.23711	6	33	162	33	0	0
3404	MISDR1_00364_0493	MIS	179.99999	68.04993	1	1355	1355	1355	0	0
3408	MISDR1_00420_0493	MIS	179.99999	66.36671	2	1690	3353	1690	0	0
3441	MISDR1_13157_0516	MIS	179.99999	2.17834	3	1276	1276	1276	0	0
3440	MISDR1_13156_0516	MIS	180.50551	3.04269	2	0	0	0	0	0
3406	MISDR1_00391_0493	MIS	181.32849	67.18475	1	1699	1699	1699	0	0

3442	MISDR1_13206_0516	MIS	181.51782	3.05015	1	0	1567	0	0	0
3443	MISDR1_13205_0517	MIS	182.0231	3.90716	1	0	217	0	0	0
3445	MISDR1_13258_0517	MIS	182.02847	2.19898	1	0	1687	0	0	0
3068	MISDR1_13367_0286	MIS	182.04922	-1.19069	4	1033	1441	1033	0	0
3444	MISDR1_13257_0517	MIS	182.53405	3.05244	1	0	223	0	0	0
3069	MISDR1_13311_0287	MIS	182.54261	1.35116	2	0	1689	0	0	0
3407	MISDR1_00419_0493	MIS	182.56074	66.31103	1	1702	1702	1702	0	0
3403	MISDR1_00363_0493	MIS	182.76304	67.98412	1	1679	1679	1679	0	0
3446	MISDR1_13310_0517	MIS	183.04782	2.20127	1	0	1427	0	0	0
3405	MISDR1_00390_0493	MIS	183.98563	67.10656	2	2735	2735	2735	0	0
3401	MISDR1_00336_0493	MIS	184.3133	68.76615	1	1699	1699	1699	0	0
15589	MISDR2_01101_0970	MIS	184.74687	50.79325	1	0	0	0	0	0
3402	MISDR1_00362_0493	MIS	185.52149	67.88042	2	2491	2491	2491	0	0
16308	MISDR3_01400_1371	MIS	185.61631	45.51304	1	0	0	0	0	0
3091	MISDR1_13649_0334	MIS	186.25037	-2.82812	1	0	128	0	0	0
16307	MISDR3_01347_1371	MIS	186.44488	46.34919	1	1616	1616	1616	0	0
3090	MISDR1_13648_0334	MIS	186.74913	-2.01035	1	0	1050	0	0	0
3093	MISDR1_13709_0334	MIS	186.81077	-3.65164	1	1281	1281	1281	0	0
3410	MISDR1_00335_0494	MIS	187.1773	68.63365	1	1700	1700	1700	0	0
3070	MISDR1_13647_0289	MIS	187.24587	-1.1947	2	548	1142	548	0	0
3092	MISDR1_13708_0334	MIS	187.30818	-2.84017	1	1332	1332	1332	0	0
15060	MISDR2_13586_0520	MIS	187.69179	1.28468	4	853	2584	853	0	0
3095	MISDR1_13769_0334	MIS	187.87719	-3.66542	3	1265	1265	1265	0	0
3094	MISDR1_13768_0334	MIS	188.37042	-2.86197	2	1462	1462	1462	0	0
15152	MISDR2_00446_0600	MIS	188.62945	65.19761	1	0	1690	0	0	0
15449	MISDR2_01052_0885	MIS	188.83807	51.43946	1	0	1312	0	0	0
3096	MISDR1_13830_0335	MIS	188.94771	-3.68953	3	1191	2899	1191	0	0
3409	MISDR1_00334_0494	MIS	190.01911	68.46133	1	1702	1702	1702	0	0
3097	MISDR1_13892_0335	MIS	190.02266	-3.72513	1	1701	1701	1701	0	0
16138	MISDR3_01193_1278	MIS	190.60005	48.67013	1	1373	1373	1373	0	0
3411	MISDR1_00360_0494	MIS	190.99234	67.55853	1	1703	1703	1703	0	0
3447	MISDR1_13700_0522	MIS	191.24802	3.60456	2	590	590	590	0	0
15353	MISDR2_13699_0847	MIS	191.74068	4.40695	1	0	0	0	0	0
3448	MISDR1_13761_0522	MIS	191.79502	2.72659	3	2173	2173	2173	0	0
3416	MISDR1_00387_0495	MIS	191.8906	66.65132	1	1703	1703	1703	0	0
3098	MISDR1_13953_0336	MIS	192.06361	-2.21733	1	1513	1513	1513	0	0
3102	MISDR1_14019_0337	MIS	192.18637	-3.83251	2	537	1976	537	0	0
3450	MISDR1_13823_0522	MIS	192.35229	1.85155	1	862	862	862	0	0
3073	MISDR1_13952_0292	MIS	192.54218	-1.44114	2	1669	1669	1669	0	0
3101	MISDR1_14018_0337	MIS	192.66343	-3.06277	2	787	787	787	0	0
3412	MISDR1_00333_0495	MIS	192.8334	68.25161	1	1700	1700	1700	0	0
3449	MISDR1_13822_0522	MIS	192.83745	2.63998	2	810	810	811	0	0
3071	MISDR1_13886_0292	MIS	192.91959	0.97866	3	2016	2016	2016	0	0
3072	MISDR1_13951_0292	MIS	193.02031	-0.66579	1	1373	1373	1373	0	0
3100	MISDR1_14017_0337	MIS	193.13891	-2.29416	1	1692	1692	1692	0	0
3451	MISDR1_13821_0523	MIS	193.3225	3.42833	1	1125	1125	1125	0	0
3454	MISDR1_13885_0523	MIS	193.40061	1.7604	2	1248	1248	1248	0	0
3099	MISDR1_14016_0337	MIS	193.61365	-1.52597	1	1704	1704	1704	0	0
3414	MISDR1_00359_0495	MIS	193.6896	67.34189	1	1517	1517	1517	0	0
15567	MISDR2_00677_0957	MIS	193.837	58.83715	1	0	1565	0	0	0
3453	MISDR1_13884_0523	MIS	193.88157	2.54133	2	2082	2082	2082	0	0
3103	MISDR1_14082_0337	MIS	194.21859	-2.38305	2	0	0	1170	0	0

3452	MISDR1_13883_0523	MIS	194.36378	3.32215	1	0	1604	0	0	0
3415	MISDR1_00386_0495	MIS	194.4797	66.43111	1	0	1331	0	0	0
16145	MISDR3_01142_1280	MIS	194.55796	49.16186	1	0	0	0	0	0
3455	MISDR1_13947_0523	MIS	194.92895	2.43064	1	0	0	1440	0	0
3105	MISDR1_14148_0338	MIS	195.30266	-2.48512	1	1703	1703	1703	0	0
3458	MISDR1_14012_0524	MIS	195.50577	1.54087	1	376	376	376	0	0
16144	MISDR3_01141_1280	MIS	196.04759	48.98868	1	225	225	225	0	0
3075	MISDR1_14146_0294	MIS	196.23232	-0.98267	1	0	1228	0	0	0
16210	MISDR3_00713_1318	MIS	196.30824	57.72125	1	0	1303	0	0	0
3413	MISDR1_00358_0495	MIS	196.35259	67.09037	1	0	1230	0	0	0
3108	MISDR1_35662_0339	MIS	196.39156	-2.6004	1	0	370	0	0	0
15928	MISDR3_00872_1039	MIS	196.49254	54.22608	1	0	1044	0	0	0
3074	MISDR1_14077_0294	MIS	196.56349	1.41191	1	0	1656	0	0	0
3107	MISDR1_34060_0339	MIS	196.98077	-3.52247	1	1660	1660	1660	0	0
16142	MISDR3_01093_1280	MIS	197.11389	49.74712	1	1634	1634	1634	0	0
3106	MISDR1_34022_0339	MIS	197.44684	-2.77133	1	0	1692	0	0	0
16149	MISDR3_01140_1281	MIS	197.52684	48.80392	1	961	962	961	0	0
3562	MISDR1_00413_0602	MIS	197.67421	65.26188	1	0	1699	0	0	0
3112	MISDR1_34059_0340	MIS	198.0279	-3.68724	1	1658	1658	1658	0	0
3563	MISDR1_00442_0602	MIS	198.26588	64.34667	1	0	1692	0	0	0
3110	MISDR1_33984_0340	MIS	198.96767	-2.17031	1	1508	1508	1508	0	0
3419	MISDR1_00357_0496	MIS	198.97734	66.80504	1	0	1705	0	0	0
3420	MISDR1_00384_0496	MIS	199.56165	65.88959	2	1414	3113	1414	0	0
3114	MISDR1_34019_0341	MIS	200.59313	-3.20393	1	1510	1510	1510	0	0
3417	MISDR1_00330_0496	MIS	201.03442	67.40295	2	1417	3123	1417	0	0
3113	MISDR1_33982_0341	MIS	201.07087	-2.43064	1	1544	1544	1544	0	0
3462	MISDR1_33781_0528	MIS	203.93653	2.21733	1	1546	1546	1546	0	0
15250	MISDR2_00566_0785	MIS	204.35855	60.09692	1	0	993	0	0	0
3460	MISDR1_33751_0528	MIS	204.41642	2.99449	1	1640	1640	1640	0	0
3463	MISDR1_33811_0528	MIS	204.52493	1.36893	1	1567	1567	1567	0	0
15578	MISDR2_00600_0960	MIS	204.66852	59.18435	1	0	1046	0	0	0
3461	MISDR1_33780_0528	MIS	205.00765	2.15368	1	1576	1576	1576	0	0
3076	MISDR1_33908_0299	MIS	205.18125	-1.13453	3	2383	2383	2383	0	0
3465	MISDR1_33750_0529	MIS	205.49202	2.93884	2	2779	2937	2779	0	0
3571	MISDR1_00469_0604	MIS	205.51077	62.49617	1	1226	1226	1226	0	0
3464	MISDR1_33721_0529	MIS	205.97729	3.72513	2	1375	2976	1375	0	0
3467	MISDR1_33779_0529	MIS	206.07481	2.10151	2	1527	3126	1527	0	0
3466	MISDR1_33778_0529	MIS	207.13735	2.06023	3	1604	3209	1604	0	0
3569	MISDR1_00409_0604	MIS	207.16362	63.94593	1	0	1491	0	0	0
3469	MISDR1_33748_0530	MIS	207.62931	2.86197	2	1592	3223	1592	0	0
3077	MISDR1_33808_0300	MIS	207.70231	1.22221	2	0	1633	0	0	0
3468	MISDR1_33719_0530	MIS	208.12302	3.66542	1	1640	1640	1640	0	0
3470	MISDR1_33777_0530	MIS	208.19647	2.03041	3	2704	4312	2704	0	0
3421	MISDR1_00302_0497	MIS	208.524	67.15964	1	1433	1433	1433	0	0
3471	MISDR1_33745_0531	MIS	210.80271	2.82583	1	1669	1669	1669	0	0
3425	MISDR1_00326_0498	MIS	211.24436	65.81256	1	0	0	0	0	0
3509	MISDR1_33716_0582	MIS	211.30661	3.65336	1	1681	1681	1681	0	0
3078	MISDR1_33902_0302	MIS	211.40705	-1.34772	1	1681	1681	1681	0	0
3507	MISDR1_33688_0582	MIS	211.81282	4.48281	1	1479	1479	1479	0	0
3472	MISDR1_33744_0532	MIS	211.85179	2.83271	1	1696	1696	1696	0	0
3508	MISDR1_33715_0582	MIS	212.35843	3.66772	1	1688	1688	1688	0	0
3473	MISDR1_33773_0532	MIS	212.38928	2.00691	1	1702	1702	1702	0	0

3514	MISDR1_33714_0583	MIS	213.40535	3.69011	1	1702	1702	1702	0	0
3512	MISDR1_33686_0583	MIS	213.91723	4.53511	2	2233	2233	2233	0	0
3475	MISDR1_33742_0533	MIS	213.93542	2.86885	1	1474	1474	1474	0	0
3079	MISDR1_33802_0303	MIS	213.95074	1.19069	1	1706	1706	1706	0	0
3510	MISDR1_33659_0583	MIS	214.43182	5.38341	1	1636	1636	1636	0	0
3513	MISDR1_33713_0583	MIS	214.44699	3.71939	1	1706	1706	1706	0	0
3476	MISDR1_33771_0533	MIS	214.4594	2.04245	1	1642	1642	1642	0	0
3080	MISDR1_33899_0304	MIS	214.47692	-1.34314	1	1706	1706	1706	0	0
3511	MISDR1_33685_0583	MIS	214.96137	4.57247	2	2740	2740	2740	0	0
3474	MISDR1_33741_0533	MIS	214.97041	2.89754	1	1706	1706	1706	0	0
3518	MISDR1_33712_0584	MIS	215.48355	3.75499	2	2082	2082	2082	0	0
3478	MISDR1_33770_0534	MIS	215.4877	2.06997	1	1704	1704	1704	0	0
3428	MISDR1_02374_0499	MIS	215.99964	63.09018	1	0	0	0	0	0
3477	MISDR1_33740_0534	MIS	216.00013	2.93138	1	1405	1405	1405	0	0
3516	MISDR1_33684_0584	MIS	216.00016	4.61558	2	1673	1673	1673	0	0
3081	MISDR1_33897_0305	MIS	216.50689	-1.32995	1	1683	1683	1683	0	0
3517	MISDR1_33711_0584	MIS	216.5162	3.75499	1	1609	1609	1609	0	0
3480	MISDR1_33739_0535	MIS	217.02985	2.89754	1	1704	1704	1704	0	0
3515	MISDR1_33683_0584	MIS	217.03878	4.57247	1	1581	1581	1581	0	0
3082	MISDR1_33896_0306	MIS	217.52293	-1.34314	1	1701	1701	1701	0	0
3522	MISDR1_33710_0585	MIS	217.55295	3.71939	1	1704	1704	1704	0	0
3519	MISDR1_33656_0585	MIS	217.568	5.38341	1	1577	1577	1577	0	0
3479	MISDR1_33738_0535	MIS	218.06428	2.86885	1	1701	1701	1701	0	0
3520	MISDR1_33682_0585	MIS	218.08308	4.53511	1	1704	1704	1704	0	0
3429	MISDR1_09897_0499	MIS	218.27656	64.45408	1	0	0	0	0	0
3481	MISDR1_33767_0535	MIS	218.57359	2.02124	1	1700	1700	1700	0	0
3521	MISDR1_33709_0585	MIS	218.59445	3.69011	1	1701	1701	1701	0	0
3525	MISDR1_33681_0586	MIS	219.13231	4.50522	1	1450	1450	1450	0	0
3084	MISDR1_33894_0307	MIS	219.56592	-1.35288	1	1700	1700	1700	0	0
3527	MISDR1_33708_0586	MIS	219.64187	3.66772	1	1700	1700	1700	0	0
3523	MISDR1_33654_0586	MIS	219.67797	5.31493	1	1699	1699	1699	0	0
3573	MISDR1_10079_0608	MIS	219.87798	59.56337	2	2409	2409	2409	0	0
3083	MISDR1_33796_0307	MIS	220.11559	1.16834	1	1699	1699	1699	0	0
3482	MISDR1_33736_0536	MIS	220.14807	2.83271	3	2716	2716	2716	0	0
3524	MISDR1_33680_0586	MIS	220.18719	4.48281	1	1699	1699	1699	0	0
3526	MISDR1_33707_0586	MIS	220.69309	3.65336	1	1698	1698	1698	0	0
3484	MISDR1_33735_0537	MIS	221.19721	2.82583	3	2689	2689	2689	0	0
3529	MISDR1_33679_0587	MIS	221.24686	4.46902	3	1914	1914	1914	0	0
3530	MISDR1_33706_0587	MIS	221.74974	3.64762	2	2201	2201	2201	0	0
3483	MISDR1_33734_0537	MIS	222.25035	2.82812	1	1676	1676	1676	0	0
3528	MISDR1_33678_0587	MIS	222.31166	4.46499	1	1699	1699	1699	0	0
3485	MISDR1_33763_0537	MIS	222.74909	2.01092	3	1573	1573	1573	0	0
3534	MISDR1_33705_0588	MIS	222.81091	3.65164	1	1699	1699	1699	0	0
3531	MISDR1_33651_0588	MIS	222.88301	5.27695	1	1698	1698	1698	0	0
3085	MISDR1_33793_0309	MIS	223.24631	1.1947	3	1231	1231	1231	0	0
3579	MISDR1_10182_0610	MIS	223.27571	57.6184	1	1497	1497	1497	0	0
3533	MISDR1_33677_0588	MIS	223.38119	4.47017	4	2197	3419	2197	0	0
3576	MISDR1_10146_0610	MIS	223.46283	58.52082	2	2501	2501	2501	0	0
3574	MISDR1_10111_0608	MIS	223.66101	59.42454	2	2273	2273	2273	0	0
3487	MISDR1_33762_0538	MIS	223.804	2.03041	1	1611	1611	1611	0	0
3572	MISDR1_10077_0608	MIS	223.86971	60.32759	2	2202	2202	2202	0	0
3532	MISDR1_33676_0588	MIS	224.45544	4.48626	2	0	0	0	0	0

3486	MISDR1_33761_0538	MIS	224.86257	2.06023	1	1687	1687	1687	0	0
3536	MISDR1_33703_0589	MIS	224.94723	3.68953	3	1546	2334	1546	0	0
3086	MISDR1_33791_0310	MIS	225.35297	1.26004	1	1694	1694	1694	0	0
3535	MISDR1_33675_0589	MIS	225.53525	4.51327	3	2318	2318	2318	0	0
3488	MISDR1_33760_0539	MIS	225.9252	2.10151	1	0	0	0	0	0
3586	MISDR1_10217_0612	MIS	226.75787	57.35723	1	0	0	1100	0	0
3582	MISDR1_10109_0611	MIS	227.64205	60.09692	2	2262	2262	2262	0	0
3537	MISDR1_33673_0590	MIS	227.70799	4.60294	1	1409	1409	1409	0	0
3538	MISDR1_33700_0590	MIS	228.1863	3.83251	1	1699	1699	1699	0	0
3489	MISDR1_33788_0540	MIS	228.54229	1.44114	3	1422	1698	1422	0	0
3539	MISDR1_33728_0590	MIS	228.66333	3.06277	3	1973	2527	1973	0	0
3540	MISDR1_33672_0591	MIS	228.80186	4.66674	1	1698	1698	1698	0	0
3087	MISDR1_33885_0312	MIS	228.91974	-0.97866	1	1699	1699	1699	0	0
3544	MISDR1_33757_0591	MIS	229.13898	2.29416	1	1671	1671	1671	0	0
3541	MISDR1_33699_0591	MIS	229.27556	3.90486	1	1699	1699	1699	0	0
3543	MISDR1_33727_0591	MIS	229.74788	3.14368	2	2498	3242	2498	0	0
3546	MISDR1_35694_0592	MIS	231.46785	4.08808	3	166	1158	0	0	0
3550	MISDR1_21915_0593	MIS	233.44629	2.77133	2	0	1592	0	0	0
3549	MISDR1_21914_0593	MIS	234.02776	3.68724	4	2499	4317	2499	0	0
3551	MISDR1_21946_0593	MIS	234.49841	2.92852	3	1496	2799	1496	0	0
3592	MISDR1_10289_0617	MIS	235.18937	56.79955	2	2415	2415	2415	0	0
3115	MISDR1_22047_0342	MIS	236.49434	1.54087	2	2288	2288	2288	0	0
3116	MISDR1_22083_0342	MIS	236.96711	0.77466	5	1499	2815	1499	0	0
3596	MISDR1_10410_0619	MIS	237.20947	54.41272	1	0	1176	0	0	0
3552	MISDR1_22045_0594	MIS	237.63648	3.32215	2	2291	2291	2291	0	0
3554	MISDR1_22117_0595	MIS	239.16275	2.63998	1	0	1701	0	0	0
3553	MISDR1_22079_0595	MIS	239.22624	4.31788	2	2186	2186	2186	0	0
3117	MISDR1_22236_0343	MIS	239.45783	-1.44114	3	1771	3243	1771	0	0
3595	MISDR1_10495_0618	MIS	239.48853	52.89108	1	0	1500	0	0	0
3557	MISDR1_22155_0595	MIS	239.64767	1.85155	3	1580	3252	1580	0	0
3603	MISDR1_10728_0622	MIS	239.91609	48.5341	2	1195	2404	1195	0	0
3556	MISDR1_22154_0595	MIS	240.20461	2.72659	1	0	1700	0	0	0
3555	MISDR1_22153_0595	MIS	240.7523	3.60456	2	2167	2167	2167	0	0
3599	MISDR1_10494_0621	MIS	241.13595	53.03376	1	1637	1637	1637	0	0
3598	MISDR1_10450_0621	MIS	241.74218	53.95255	2	2862	2862	2862	0	0
3600	MISDR1_10538_0621	MIS	242.17069	52.24161	1	1635	1635	1635	0	0
3118	MISDR1_22273_0345	MIS	242.2262	1.19528	2	2215	2215	2215	0	0
3608	MISDR1_10630_0623	MIS	242.55231	50.52121	1	1631	1631	1631	0	0
3602	MISDR1_10726_0622	MIS	242.89315	48.79261	1	1432	1432	1432	0	0
3606	MISDR1_10583_0623	MIS	243.16159	51.43946	1	1639	1639	1639	0	0
3597	MISDR1_10449_0621	MIS	243.43889	54.07151	1	1551	1551	1551	0	0
3601	MISDR1_10677_0622	MIS	243.49162	49.71343	2	1429	1776	1429	0	0
3605	MISDR1_10537_0623	MIS	243.79491	52.35404	2	2383	2383	2383	0	0
3604	MISDR1_10775_0622	MIS	243.81016	47.98931	1	1434	1434	1434	0	0
3607	MISDR1_10629_0623	MIS	244.11198	50.62947	1	1638	1638	1638	0	0
3119	MISDR1_22356_0346	MIS	244.3082	1.28468	4	2509	4714	2509	0	0
15965	MISDR3_11639_1057	MIS	244.33846	34.40923	1	0	1475	0	0	0
3120	MISDR1_22446_0346	MIS	244.75368	-1.1947	6	2049	4611	2049	0	0
4632	MISDR2_10676_0625	MIS	245.01805	49.808694	2	1759	1759	1759	0	0
4633	MISDR2_10724_0625	MIS	245.86791	48.970779	2	1841	1841	1841	0	0
4631	MISDR2_10675_0625	MIS	246.52118	49.910548	2	2776	2776	2776	0	0
15963	MISDR3_11637_1057	MIS	246.52828	34.52668	1	0	1276	0	0	0

4635	MISDR2_10773_0625	MIS	246.7382	48.144446	2	3306	3306	3306	0	0
4638	MISDR2_10823_0627	MIS	247.57839	47.307179	2	2481	2481	2481	0	0
15969	MISDR3_11768_1058	MIS	247.80517	32.63464	1	0	1622	0	0	0
4630	MISDR2_10674_0625	MIS	248.11854	49.981922	2	2703	2703	2703	0	0
4634	MISDR2_10772_0625	MIS	248.30189	48.210133	2	2799	2799	2799	0	0
16256	MISDR3_23796_1340	MIS	248.40686	31.6669	2	0	1966	0	0	0
4641	MISDR2_10874_0627	MIS	248.4464	46.464817	2	2825	2825	2825	0	0
3609	MISDR1_10980_0626	MIS	248.55838	44.71494	1	1597	1597	1597	0	0
4637	MISDR2_10822_0627	MIS	249.05107	47.359561	2	2783	2783	2783	0	0
3613	MISDR1_11146_0628	MIS	249.41027	42.05703	1	1702	1702	1702	0	0
4640	MISDR2_10873_0627	MIS	249.86751	46.50404	2	2748	2748	2748	0	0
3616	MISDR1_10979_0629	MIS	249.9344	44.748	1	1681	1681	1681	0	0
3611	MISDR1_11089_0628	MIS	250.01757	42.96723	1	1698	1698	1698	0	0
4636	MISDR2_10821_0627	MIS	250.53741	47.388395	2	3015	3015	3015	0	0
3618	MISDR1_11033_0629	MIS	250.65044	43.87044	1	1691	1691	1691	0	0
3612	MISDR1_11145_0628	MIS	250.70453	42.07864	1	1479	1479	1479	0	0
3124	MISDR1_10032_0349	MIS	250.84674	63.8054	1	0	1142	0	0	0
3615	MISDR1_10978_0629	MIS	251.31165	44.76414	1	1690	1690	1690	0	0
3610	MISDR1_11088_0628	MIS	251.33869	42.98289	1	1702	1702	1702	0	0
3122	MISDR1_10000_0349	MIS	251.9996	64.67151	1	1125	1125	1125	0	0
3620	MISDR1_11380_0630	MIS	251.99988	38.42868	1	1703	1703	1703	0	0
16263	MISDR3_22017_1342	MIS	252.00003	28.78603	2	0	2015	0	0	0
3617	MISDR1_11032_0629	MIS	252.00042	43.87839	1	1554	1554	1554	0	0
16262	MISDR3_22016_1342	MIS	252.51362	29.75221	2	0	1825	0	0	0
3619	MISDR1_11319_0630	MIS	252.6085	39.35178	1	1685	1685	1685	0	0
3622	MISDR1_11087_0631	MIS	252.66131	42.98289	1	1703	1703	1703	0	0
3614	MISDR1_10977_0629	MIS	252.68897	44.76414	2	1686	1686	1686	0	0
16019	MISDR3_22015_1176	MIS	253.0263	30.72646	2	0	1643	0	0	0
4600	MISDR2_11631_0819	MIS	253.0827	34.640187	2	1874	1874	1874	0	0
4644	MISDR2_11503_0819	MIS	253.13014	36.546174	2	2328	2328	2328	0	0
3123	MISDR1_10031_0349	MIS	253.15369	63.8054	2	2490	2490	2490	0	0
3630	MISDR1_11379_0632	MIS	253.19107	38.4221	1	1704	1704	1704	0	0
3624	MISDR1_11143_0631	MIS	253.29485	42.07864	1	1706	1706	1706	0	0
4649	MISDR2_11696_0972	MIS	253.5981	33.668447	2	2100	2100	2100	0	0
4646	MISDR2_11566_0819	MIS	253.67662	35.5885	2	2255	2255	2255	0	0
3631	MISDR1_11440_0632	MIS	253.74953	37.48329	1	1546	1546	1546	0	0
3627	MISDR1_11318_0632	MIS	253.82494	39.33919	1	1705	1705	1705	0	0
3625	MISDR1_11200_0631	MIS	253.90271	41.16578	1	1414	1414	1414	0	0
3621	MISDR1_11086_0631	MIS	253.98319	42.96723	2	0	0	0	0	0
4601	MISDR2_11762_0973	MIS	254.09724	32.682672	2	412	989	412	0	0
3127	MISDR1_10131_0351	MIS	254.10219	61.22776	2	2696	2696	2696	0	0
4648	MISDR2_11630_0972	MIS	254.18879	34.633635	2	2104	2104	2104	0	0
3629	MISDR1_11378_0632	MIS	254.38232	38.40455	1	1705	1705	1705	0	0
3623	MISDR1_11142_0631	MIS	254.5897	42.05703	1	1456	1456	1456	0	0
4645	MISDR2_11565_0820	MIS	254.79304	35.575083	2	3343	3343	3343	0	0
3626	MISDR1_11317_0632	MIS	255.04106	39.31326	1	1706	1706	1706	0	0
3129	MISDR1_10166_0351	MIS	255.06516	60.34843	2	2690	2690	2690	0	0
4602	MISDR2_11761_0973	MIS	255.14597	32.66526	2	1337	2855	1337	0	0
3628	MISDR1_11377_0632	MIS	255.57327	38.37385	1	1705	1705	1705	0	0
3632	MISDR1_11257_0633	MIS	255.72611	40.21067	1	0	0	0	0	0
3134	MISDR1_10202_0353	MIS	255.9758	59.46511	2	2680	2680	2680	0	0
4650	MISDR2_11760_0973	MIS	256.19478	32.63464	3	2428	2428	2428	0	0

3634	MISDR1_11316_0633	MIS	256.25727	39.2755	1	1630	1630	1630	0	0
3121	MISDR1_09998_0349	MIS	256.77155	64.54858	2	2584	2584	2584	0	0
3135	MISDR1_10239_0353	MIS	256.83777	58.57682	1	1352	1352	1352	0	0
3128	MISDR1_10165_0351	MIS	257.10891	60.28132	2	2675	2675	2675	0	0
3126	MISDR1_10095_0351	MIS	257.41644	61.97589	2	2663	2663	2663	0	0
4647	MISDR2_11627_0974	MIS	257.47203	34.52668	4	2685	2685	2685	0	0
3633	MISDR1_11315_0633	MIS	257.47344	39.22519	1	1637	1637	1637	0	0
4603	MISDR2_11826_0975	MIS	257.64377	31.591725	4	1519	3517	1519	0	0
3133	MISDR1_10201_0353	MIS	257.9623	59.38851	2	2669	2669	2669	0	0
4604	MISDR2_22200_0975	MIS	258.1617	30.5846	3	2141	2142	2142	0	0
4605	MISDR2_22242_0977	MIS	258.16703	28.64622	5	1323	3977	1323	0	0
4606	MISDR2_22241_0977	MIS	258.68004	29.584447	5	1615	5832	1615	0	0
4607	MISDR2_22284_0977	MIS	258.68775	27.665936	5	1357	4788	1357	0	0
4651	MISDR2_22240_0978	MIS	259.19393	30.530119	4	2724	2724	2724	0	0
3139	MISDR1_10276_0355	MIS	259.53691	57.59167	1	1211	1211	1211	0	0
3145	MISDR1_10483_0359	MIS	259.54565	53.26496	1	1668	1668	1668	0	0
3131	MISDR1_10094_0352	MIS	259.57863	61.8712	2	2659	2659	2659	0	0
3125	MISDR1_09937_0350	MIS	259.67012	66.09661	2	2726	2726	2726	0	0
3132	MISDR1_10200_0353	MIS	259.944	59.2874	1	1612	1612	1612	0	0
3146	MISDR1_10527_0359	MIS	260.20472	52.35404	2	0	0	0	0	0
4608	MISDR2_22324_0980	MIS	260.73664	29.4662	5	1645	5945	1645	0	0
4609	MISDR2_22368_0980	MIS	261.25701	28.47009	5	1614	5495	1614	0	0
3136	MISDR1_10093_0354	MIS	261.73232	61.7378	3	2652	4254	2652	0	0
3143	MISDR1_10314_0358	MIS	262.0905	56.56589	1	1630	1630	1630	0	0
3130	MISDR1_10027_0352	MIS	262.35785	63.39306	2	2473	2473	2473	0	0
3137	MISDR1_10127_0354	MIS	262.49136	60.83148	2	2341	2341	2341	0	0
3138	MISDR1_10162_0354	MIS	263.20708	59.92155	2	2521	2521	2521	0	0
3142	MISDR1_10313_0358	MIS	263.90635	56.42265	2	0	0	0	0	0
3149	MISDR1_10437_0360	MIS	263.94574	53.81452	5	2654	4319	2654	0	0
3144	MISDR1_10353_0358	MIS	264.50625	55.50443	5	2656	4310	2656	0	0
3148	MISDR1_10394_0360	MIS	265.07831	54.5834	1	252	252	252	0	0
3140	MISDR1_10273_0358	MIS	265.13365	57.17921	3	1615	1615	1615	0	0
3141	MISDR1_10312_0358	MIS	265.71198	56.25932	5	2745	3850	2745	0	0
3147	MISDR1_10352_0360	MIS	266.26387	55.33785	5	2650	2650	2650	0	0
3637	MISDR1_31801_0634	MIS	308.89768	-6.53384	6	1704	5274	1704	0	0
3636	MISDR1_21379_0634	MIS	308.99549	-4.83347	7	1916	8701	1916	0	0
4037	MIS2DFR_44641_0820	MIS	309.12132	-58.84822	1	0	0	0	0	0
4036	MIS2DFR_44640_0820	MIS	309.50769	-57.92999	2	0	0	0	0	0
4621	MISDR2_19778_0981	MIS	309.9132	-0.758625	6	2671	4531	2671	0	0
4618	MISDR2_19739_0981	MIS	310.0247	0.882577	4	2657	5636	2657	0	0
3635	MISDR1_19900_0634	MIS	310.09936	-4.7432	9	2010	7948	2010	0	0
4620	MISDR2_19777_0981	MIS	310.50172	0.108459	4	2483	4816	2483	0	0
4039	MIS2DFR_44702_0820	MIS	310.70166	-59.48542	2	0	0	0	0	0
4038	MIS2DFR_44701_0820	MIS	311.05166	-58.56913	1	0	0	0	0	0
4619	MISDR2_19776_0981	MIS	311.08103	0.978148	4	2576	4245	2576	0	0
3638	MISDR1_19941_0635	MIS	311.19815	-4.66674	6	2248	5708	2248	0	0
3640	MISDR1_20029_0635	MIS	311.51801	-7.01043	4	2069	3775	2069	0	0
4622	MISDR2_19815_0981	MIS	311.56042	0.197227	5	2720	5028	2720	0	0
4623	MISDR2_19814_0982	MIS	312.13131	1.061682	5	2522	4745	2522	0	0
3639	MISDR1_20028_0635	MIS	312.15188	-6.19427	5	2416	4122	2417	0	0
4624	MISDR2_19854_0982	MIS	312.61716	0.271365	4	2766	6178	2766	0	0
3641	MISDR1_20073_0635	MIS	312.63246	-6.96021	5	1973	1873	1872	0	0

4625	MISDR2_19895_0982	MIS	313.10129	-0.516997	4	2786	6200	2786	0	0
4627	MISDR2_19894_0983	MIS	313.66837	0.337282	3	2820	4263	2820	0	0
4629	MISDR2_19936_0983	MIS	314.15769	-0.461325	2	3118	3118	3118	0	0
4626	MISDR2_19893_0983	MIS	314.22574	1.195691	2	2833	2833	2833	0	0
3642	MISDR1_20117_0636	MIS	314.35376	-6.11532	2	0	0	0	0	0
4628	MISDR2_19935_0983	MIS	314.71855	0.389837	2	2828	2828	2828	0	0
4656	MISDR2_19977_0984	MIS	315.76296	0.432438	2	2801	2801	2801	0	0
3643	MISDR1_20211_0637	MIS	315.94273	-6.88691	3	2122	2122	2122	0	0
4610	MISDR2_19765_0727	MIS	316.87851	10.68476	3	3269	3269	3269	0	0
3644	MISDR1_20259_0638	MIS	317.03473	-6.88633	4	1704	1704	1704	0	0
15718	MISDR3_19764_0728	MIS	317.37074	11.5738	1	0	1290	0	0	0
3646	MISDR1_20309_0638	MIS	317.53796	-7.69039	4	2969	2969	2969	0	0
4199	MIS2DFR_44806_0917	MIS	317.8275	-41.31207	1	0	0	0	0	0
3645	MISDR1_20308_0638	MIS	318.12184	-6.89672	4	1697	3088	1697	0	0
3649	MISDR1_20359_0639	MIS	318.62964	-7.71005	4	2471	2471	2471	0	0
4659	MISDR2_20109_0986	MIS	318.87815	0.502157	2	2868	2868	2868	0	0
3648	MISDR1_20358_0639	MIS	319.20364	-6.9175	5	1821	1821	1821	0	0
4611	MISDR2_19841_0729	MIS	319.40942	11.634892	5	4526	4526	4526	0	0
3651	MISDR1_20410_0639	MIS	319.71587	-7.74012	4	2047	2047	2047	0	0
3647	MISDR1_20357_0639	MIS	319.76754	-6.11878	5	2668	2668	2668	0	0
4661	MISDR2_20155_0986	MIS	319.91044	0.508028	2	2897	2897	2897	0	0
3650	MISDR1_20409_0639	MIS	320.27979	-6.94751	4	0	0	0	0	0
3652	MISDR1_20462_0639	MIS	320.79588	-7.77944	4	0	0	0	0	0
4174	MIS2DFR_45096_0899	MIS	321.30264	-68.91217	3	0	0	0	0	0
3655	MISDR1_20516_0640	MIS	321.31621	-8.6136	3	0	0	0	0	0
17085	MISWZS22_20354_0261	MIS	321.35615	-3.703051	2	1680	0	0	0	0
17070	MISWZS22_20251_0162	MIS	321.39578	-0.353281	2	1660	0	0	0	0
17080	MISWZS22_20152_0162	MIS	321.41753	3.039499	2	1680	0	0	0	0
17078	MISWZS22_20104_0162	MIS	321.42243	4.750389	2	2550	0	0	0	0
4614	MISDR2_19922_0730	MIS	321.44555	11.665806	3	4100	4100	4100	0	0
3654	MISDR1_20515_0640	MIS	321.87013	-7.82744	4	0	0	0	0	0
3653	MISDR1_20460_0640	MIS	321.89508	-6.18851	3	0	0	0	0	0
17071	MISWZS22_20301_0162	MIS	321.90265	-1.203631	2	2770	0	0	0	0
17019	MISWZS22_20353_0261	MIS	321.93573	-2.86885	1	1528	1529	1528	0	0
17009	MISWZS22_20151_0162	MIS	321.97673	3.90716	3	1211	1886	1886	0	0
3657	MISDR1_20570_0641	MIS	322.39494	-8.67097	3	0	0	0	0	0
17079	MISWZS22_20150_0162	MIS	322.43599	4.751539	2	1337	0	0	0	0
17025	MISWZS22_20405_0261	MIS	322.44706	-3.7193899	1	1522	1522	1522	0	0
17018	MISWZS22_20352_0261	MIS	322.45976	-2.04245	1	1559	1559	1559	0	0
15837	MISDR3_20300_0988	MIS	322.46945	-0.35466	5	2698	4164	2698	0	0
4615	MISDR2_20009_0730	MIS	322.47515	9.94122	3	2901	2901	2901	0	0
17000	MISWZS22_20249_0162	MIS	322.47708	1.34314	3	1256	1256	1256	0	0
17010	MISWZS22_20199_0162	MIS	322.48196	3.0501499	1	1596	1596	1596	0	0
3656	MISDR1_20569_0641	MIS	322.93807	-7.88354	2	0	0	0	0	0
17082	MISWZS22_20198_0162	MIS	322.94061	3.891349	1	1292	0	0	0	0
17024	MISWZS22_20404_0261	MIS	322.97016	-2.8975401	2	1660	1660	1660	0	0
17017	MISWZS22_20351_0261	MIS	322.97766	-1.21132	3	1772	1772	1772	0	0
17012	MISWZS22_20248_0162	MIS	322.98745	2.1909499	3	1369	1370	1369	0	0
17086	MISWZS22_20457_0261	MIS	323.4343	-3.767931	2	1788	0	0	0	0
17081	MISWZS22_20197_0162	MIS	323.44652	4.748659	1	1324	0	0	0	0
3659	MISDR1_20625_0641	MIS	323.46644	-8.73647	1	0	0	0	0	0
17023	MISWZS22_20403_0261	MIS	323.48741	-2.0699699	3	1366	1367	1366	0	0

15838	MISDR3_20350_0988	MIS	323.49062	-0.37472	3	2543	3821	2543	0	0
4663	MISDR2_20298_0989	MIS	323.49312	1.329945	2	3133	3133	3133	0	0
4616	MISDR2_20007_0731	MIS	323.49474	11.675057	3	3940	3940	3940	0	0
17072	MISWZS22_20349_0162	MIS	323.95149	0.454029	2	1295	0	0	0	0
4084	MIS2DFR_45142_0851	MIS	323.99954	-49.95862	1	0	0	0	0	0
4085	MIS2DFR_45143_0851	MIS	323.99971	-50.8404	1	0	0	0	0	0
17029	MISWZS22_20456_0261	MIS	323.99988	-2.93138	1	1561	1561	1561	0	0
17011	MISWZS22_20246_0162	MIS	323.99995	3.8968201	1	1696	1696	1696	0	0
4612	MISDR2_20006_0731	MIS	324.00004	12.540197	3	4425	4425	4425	0	0
4666	MISDR2_20402_0989	MIS	324.00007	-1.237054	2	2866	2866	2866	0	0
4617	MISDR2_20052_0731	MIS	324.00414	10.814573	4	5017	5017	5017	0	0
17014	MISWZS22_20296_0162	MIS	324.50521	3.04269	2	1488	1488	1488	0	0
4664	MISDR2_20348_0989	MIS	324.50663	1.329737	1	1672	1672	1672	0	0
17028	MISWZS22_20455_0261	MIS	324.51231	-2.0699699	2	1691	1691	1691	0	0
17033	MISWZS22_20510_0261	MIS	324.51599	-3.7549901	2	1839	1481	1481	0	0
3658	MISDR1_20623_0641	MIS	324.52703	-7.08894	1	0	0	0	0	0
4446	MIS2DFSGP_40460_0169	MIS	324.96063	-27.732229	2	2172	2172	2172	0	0
4448	MIS2DFSGP_40462_0246	MIS	324.97977	-28.75139	3	3665	3665	3665	0	0
17013	MISWZS22_20295_0162	MIS	325.0101	3.90429	1	1697	1697	1697	0	0
17016	MISWZS22_20347_0162	MIS	325.01249	2.1909499	2	1430	1430	1430	0	0
17001	MISWZS22_20400_0261	MIS	325.01657	0.4853	2	1359	1360	1359	0	0
4451	MIS2DFSGP_40469_0326	MIS	325.01869	-30.75913	2	1536	1536	1536	0	0
4669	MISDR2_20454_0990	MIS	325.0231	-1.21077	5	2399	5055	2399	0	0
4613	MISDR2_20050_0732	MIS	325.02614	12.544955	3	4576	4576	4576	0	0
17032	MISWZS22_20509_0261	MIS	325.0296	-2.8975401	1	1641	1641	1641	0	0
4453	MIS2DFSGP_40474_0404	MIS	325.03889	-31.749729	2	3163	3163	3163	0	0
17083	MISWZS22_20294_0162	MIS	325.46613	4.751539	1	0	0	0	0	0
4665	MISDR2_20399_0990	MIS	325.5231	1.342716	1	1684	1684	1684	0	0
17002	MISWZS22_20453_0261	MIS	325.53028	-0.35466	1	1412	1412	1412	0	0
4658	MISDR2_20096_0732	MIS	325.53167	11.672605	1	1688	1688	1688	0	0
17031	MISWZS22_20508_0261	MIS	325.54061	-2.04245	1	1690	1690	1690	0	0
17038	MISWZS22_20564_0261	MIS	325.55302	-3.7193899	2	1169	1169	1169	0	0
4449	MIS2DFSGP_40464_0247	MIS	325.95576	-28.90901	1	1268	1268	1268	0	0
17084	MISWZS22_20345_0162	MIS	325.97393	3.894219	1	0	0	0	0	0
17022	MISWZS22_20398_0162	MIS	326.02862	2.1989801	1	0	1664	1664	0	0
4668	MISDR2_20452_0990	MIS	326.03698	0.498796	1	1653	1653	1653	0	0
4657	MISDR2_20095_0732	MIS	326.04653	12.537118	2	1950	1950	1950	0	0
4673	MISDR2_20507_0990	MIS	326.04926	-1.189852	2	3036	3036	3036	0	0
4447	MIS2DFSGP_40461_0170	MIS	326.0584	-28.044029	2	2095	2095	2095	0	0
17037	MISWZS22_20563_0261	MIS	326.06459	-2.86885	2	0	1225	1225	0	0
4454	MIS2DFSGP_40479_0405	MIS	326.07476	-31.93116	3	2932	2932	2932	0	0
17015	MISWZS22_20344_0162	MIS	326.52888	4.76333	1	1552	1552	1552	0	0
17003	MISWZS22_20451_0261	MIS	326.54296	1.35116	1	1673	1673	1673	0	0
4660	MISDR2_20142_0732	MIS	326.55219	11.666805	2	1697	1697	1697	0	0
4672	MISDR2_20506_0371	MIS	326.55568	-0.3406	1	1342	1342	1342	0	0
4408	MIS2DFSGP_30875_0001	MIS	326.57256	-23.288429	1	562	562	562	0	0
17036	MISWZS22_20562_0261	MIS	326.57309	-2.02124	2	0	1132	1132	0	0
17043	MISWZS22_20619_0261	MIS	326.59466	-3.69011	2	0	1221	1221	0	0
17021	MISWZS22_20396_0157	MIS	327.03866	3.90486	2	194	831	831	0	0
4671	MISDR2_20505_0371	MIS	327.06173	0.506814	1	1682	1682	1682	0	0
4450	MIS2DFSGP_40467_0248	MIS	327.06431	-29.220369	2	2555	2555	2555	0	0
4676	MISDR2_20561_0371	MIS	327.07981	-1.175475	3	1668	4853	1668	0	0

17042	MISWZS22_20618_0261	MIS	327.10374	-2.84705	1	0	1668	1668	0	0
17020	MISWZS22_20395_0157	MIS	327.54424	4.7558498	1	1672	1672	1672	0	0
17004	MISWZS22_20504_0261	MIS	327.56608	1.35288	1	1676	1676	1676	0	0
4675	MISDR2_20560_0371	MIS	327.58611	-0.33259	1	1670	1670	1670	0	0
17041	MISWZS22_20617_0261	MIS	327.61073	-2.00634	1	0	1669	1669	0	0
3660	MISDR1_20855_0644	MIS	327.76798	-8.56492	3	1588	1552	1552	0	0
17027	MISWZS22_20448_0157	MIS	328.05701	3.89625	1	0	1461	1461	0	0
4674	MISDR2_20559_0371	MIS	328.08961	0.508785	1	1683	1683	1683	0	0
4678	MISDR2_20616_0371	MIS	328.11593	-1.168604	3	1666	1666	1666	0	0
4456	MIS2DFSGP_40492_0406	MIS	328.14098	-32.298481	3	3330	3330	3330	0	0
4452	MIS2DFSGP_40471_0249	MIS	328.16854	-29.51951	2	2652	2652	2652	0	0
4458	MIS2DFSGP_40501_0477	MIS	328.22265	-33.302551	3	1115	1115	1115	0	0
17026	MISWZS22_20447_0157	MIS	328.56188	4.7420502	1	0	1669	1669	0	0
17074	MISWZS22_20615_0261	MIS	328.57061	-0.345261	1	0	0	0	0	0
17005	MISWZS22_20558_0157	MIS	328.59247	1.34772	2	1178	1178	1178	0	0
4043	MIS2DFR_40835_0823	MIS	328.62033	-50.96123	1	0	0	0	0	0
4359	MIS2DFSGP_30702_0059	MIS	328.62381	-25.131041	2	2346	2346	2346	0	0
17044	MISWZS22_20673_0261	MIS	328.65259	-1.99946	2	0	1193	1193	0	0
4333	MIS2DFSGP_30574_0003	MIS	328.99029	-23.16186	2	1205	1205	1205	0	0
17088	MISWZS22_20557_0157	MIS	329.04552	2.172849	2	669	0	0	0	0
17073	MISWZS22_20614_0261	MIS	329.07303	0.489549	1	0	0	0	0	0
17030	MISWZS22_20501_0157	MIS	329.07761	3.8807399	1	0	1642	1642	0	0
17076	MISWZS22_20672_0261	MIS	329.10675	-1.181281	2	0	0	0	0	0
4377	MIS2DFSGP_30767_0114	MIS	329.24633	-26.161961	2	3410	3410	3410	0	0
4691	MISDR2_20914_0716	MIS	329.37041	-7.710055	2	2975	2975	2975	0	0
4019	MIS2DFR_30880_0813	MIS	329.49924	-19.30216	1	0	0	0	0	0
17087	MISWZS22_20500_0157	MIS	329.5322	4.707839	2	905	0	0	0	0
17035	MISWZS22_20556_0157	MIS	329.59732	3.0226099	1	0	1666	1666	0	0
17075	MISWZS22_20671_0261	MIS	329.6077	-0.352131	1	0	0	0	0	0
4677	MISDR2_20613_0372	MIS	329.62243	1.334679	1	1665	1665	1665	0	0
17045	MISWZS22_20730_0261	MIS	329.69875	-2.0006001	2	0	1292	1292	0	0
17034	MISWZS22_20555_0157	MIS	330.10034	3.85777	2	1099	1099	1099	0	0
17040	MISWZS22_20612_0157	MIS	330.12327	2.1668701	1	1675	1675	1675	0	0
17077	MISWZS22_20729_0261	MIS	330.15028	-1.189881	2	0	0	0	0	0
4679	MISDR2_20670_0372	MIS	330.15564	0.487905	1	1671	1671	1671	0	0
4349	MIS2DFSGP_30636_0060	MIS	330.18118	-24.60688	1	319	319	319	0	0
4462	MIS2DFSGP_40520_0478	MIS	330.33054	-33.688671	4	609	609	609	0	0
4696	MISDR2_20975_0716	MIS	330.46169	-7.689015	2	3047	3047	3047	0	0
4700	MISDR2_21039_0717	MIS	330.55108	-9.279066	2	2860	2860	2860	0	0
17039	MISWZS22_20611_0157	MIS	330.62446	2.99736	1	1662	1662	1662	0	0
17006	MISWZS22_20669_0157	MIS	330.65555	1.31448	1	1370	1370	1370	0	0
17007	MISWZS22_20727_0157	MIS	331.19455	0.46525	1	1604	1604	1604	0	0
4018	MIS2DFR_41086_0812	MIS	331.27573	-57.61733	1	0	0	0	0	0
4316	MIS2DFSGP_30509_0004	MIS	331.44665	-22.951389	1	1639	1639	1639	0	0
4699	MISDR2_21037_0717	MIS	331.55904	-7.678945	3	3567	3567	3567	0	0
4706	MISDR2_21102_0717	MIS	331.66617	-9.263932	3	3964	3964	3964	0	0
4680	MISDR2_20726_0373	MIS	331.69158	1.284142	2	1603	1603	1603	0	0
4705	MISDR2_21101_0717	MIS	332.16757	-8.470834	2	3013	3013	3013	0	0
4682	MISDR2_20785_0373	MIS	332.23717	0.432494	2	1711	1711	1711	0	0
4687	MISDR2_20846_0373	MIS	332.29966	-1.22089	5	1792	3300	1792	0	0
4315	MIS2DFSGP_30508_0005	MIS	332.37754	-23.228559	1	181	181	181	0	0
4457	MIS2DFSGP_40497_0334	MIS	332.55404	-30.6019	2	689	689	689	0	0

4455	MIS2DFSGP_40488_0253	MIS	332.55871	-29.677	4	420	1701	420	0	0
15720	MISDR3_20439_0735	MIS	332.66255	11.48141	2	1726	3273	1726	0	0
17008	MISWZS22_20784_0157	MIS	332.73115	1.24514	1	0	0	0	0	0
4712	MISDR2_21166_0718	MIS	332.78327	-9.253938	2	2318	2318	2318	0	0
4686	MISDR2_20845_0373	MIS	332.78968	-0.415061	2	1583	1583	1583	0	0
4332	MIS2DFSGP_30570_0062	MIS	332.83089	-24.272699	1	1696	1696	1696	0	0
4017	MIS2DFR_41085_0812	MIS	332.91775	-57.04415	1	0	0	0	0	0
15719	MISDR3_20438_0735	MIS	333.18867	12.32343	2	1727	3291	1727	0	0
4685	MISDR2_20844_0374	MIS	333.28194	0.389454	2	1906	1906	1906	0	0
4690	MISDR2_20906_0374	MIS	333.35266	-1.260638	2	2111	2111	2111	0	0
4590	MIS2DFSGP_42814_0254	MIS	333.62943	-28.97448	3	780	1700	780	0	0
4459	MIS2DFSGP_40506_0335	MIS	333.64297	-30.844509	4	780	1699	780	0	0
4667	MISDR2_20437_0736	MIS	333.71863	13.165815	1	1696	1696	1696	0	0
4684	MISDR2_20843_0374	MIS	333.77387	1.195216	1	1686	1686	1686	0	0
4376	MIS2DFSGP_30762_0178	MIS	334.5969	-27.3097	1	651	651	651	0	0
4591	MIS2DFSGP_42815_0255	MIS	334.6813	-29.19083	1	1262	1262	1262	0	0
4461	MIS2DFSGP_40516_0336	MIS	334.73048	-31.076361	2	670	670	670	0	0
4670	MISDR2_20490_0736	MIS	334.73294	13.09194	1	1697	1697	1697	0	0
4464	MIS2DFSGP_40528_0411	MIS	334.77288	-32.013561	3	231	496	231	0	0
4467	MIS2DFSGP_40555_0480	MIS	334.8968	-33.878941	1	1328	1328	1328	0	0
4331	MIS2DFSGP_30568_0063	MIS	334.98684	-24.671181	1	562	562	562	0	0
4722	MISDR2_21297_0719	MIS	335.03879	-9.286659	2	2673	2673	2673	0	0
4358	MIS2DFSGP_30696_0118	MIS	335.08188	-26.486691	1	409	409	409	0	0
4721	MISDR2_21296_0719	MIS	335.51973	-8.526555	2	3111	3111	3111	0	0
4375	MIS2DFSGP_30761_0179	MIS	335.6557	-27.51042	1	719	1635	719	0	0
4780	MISDR2_30892_0720	MIS	335.69207	-10.079584	2	3078	3078	3078	0	0
4460	MIS2DFSGP_40515_0337	MIS	335.76765	-30.349939	1	186	290	186	0	0
4465	MIS2DFSGP_40540_0412	MIS	335.87746	-32.242241	1	1684	1684	1684	0	0
4698	MISDR2_21028_0375	MIS	335.95557	-0.58654	1	1686	1686	1686	0	0
4330	MIS2DFSGP_30567_0064	MIS	336.0579	-24.85605	1	739	1656	739	0	0
4781	MISDR2_30893_0720	MIS	336.17625	-9.324344	3	2488	3612	2488	0	0
15721	MISDR3_20543_0737	MIS	336.28054	13.85172	3	1950	2257	1939	0	0
4473	MIS2DFSGP_40620_0590	MIS	336.39102	-36.921478	1	1695	1695	1695	0	0
15723	MISDR3_20599_0737	MIS	336.75772	12.92644	2	1090	2164	1079	0	0
4463	MIS2DFSGP_40526_0338	MIS	336.8326	-30.554649	1	1684	1684	1684	0	0
4013	MIS2DFR_41047_0809	MIS	337.12083	-54.24274	2	0	0	0	0	0
4402	MIS2DFSGP_30826_0257	MIS	337.27091	-28.736361	1	1686	1686	1686	0	0
15722	MISDR3_20598_0737	MIS	337.29016	13.75673	4	2195	4246	2185	0	0
4471	MIS2DFSGP_40601_0532	MIS	337.30227	-35.291039	1	681	681	681	0	0
4711	MISDR2_21156_0376	MIS	337.61356	-1.524392	2	2723	2723	2723	0	0
4775	MISDR2_29594_0721	MIS	337.67222	-8.800742	4	1668	6447	1668	0	0
4374	MIS2DFSGP_30759_0180	MIS	337.76369	-27.883801	1	1620	1620	1620	0	0
15724	MISDR3_20597_0738	MIS	337.82886	14.5876	2	1504	2988	1504	0	0
4704	MISDR2_21089_0376	MIS	337.97375	0.883604	1	1695	1695	1695	0	0
4710	MISDR2_21155_0376	MIS	338.08684	-0.758671	1	1692	1692	1692	0	0
4303	MIS2DFSGP_30441_0008	MIS	338.11686	-23.404499	1	56	157	56	0	0
4770	MISDR2_29549_0721	MIS	338.15171	-8.045793	1	1692	1692	1692	0	0
4469	MIS2DFSGP_40583_0482	MIS	338.19438	-33.618469	1	951	951	951	0	0
4779	MISDR2_29639_0721	MIS	338.19775	-9.782343	6	3007	7186	3007	0	0
4401	MIS2DFSGP_30825_0258	MIS	338.31808	-28.916861	1	747	747	747	0	0
4475	MIS2DFSGP_40637_0592	MIS	338.6215	-36.45705	1	1697	1697	1697	0	0
4774	MISDR2_29593_0721	MIS	338.68348	-9.018297	4	1673	2858	1673	0	0

4314	MIS2DFSGP_30502_0066	MIS	338.6837	-24.377069	1	1562	1562	1562	0	0
4373	MIS2DFSGP_30758_0181	MIS	338.813	-28.05702	1	1196	1196	1196	0	0
15725	MISDR3_20653_0738	MIS	338.83516	14.47514	2	1608	3007	1608	0	0
4466	MIS2DFSGP_40551_0340	MIS	338.95736	-30.93331	1	0	0	0	0	0
4709	MISDR2_21153_0377	MIS	339.03357	0.774204	1	1696	1696	1696	0	0
4132	MIS2DFR_41781_0873	MIS	339.06276	-71.63524	2	0	0	0	0	0
4778	MISDR2_29638_0722	MIS	339.20476	-9.992136	4	1674	3366	1674	0	0
15726	MISDR3_20711_0738	MIS	339.30415	13.52915	3	1521	3040	1337	0	0
4773	MISDR2_29592_0722	MIS	339.69774	-9.21939	3	1578	1651	1578	0	0
4133	MIS2DFR_41833_0873	MIS	339.78062	-72.55592	2	0	0	0	0	0
15727	MISDR3_20710_0739	MIS	339.83879	14.35032	2	1606	3161	1606	0	0
4468	MIS2DFSGP_40581_0415	MIS	340.14203	-32.080479	1	728	1637	728	0	0
4777	MISDR2_29637_0722	MIS	340.21277	-10.186998	3	2944	2944	2944	0	0
4720	MISDR2_21286_0377	MIS	340.23251	-0.982398	5	2846	4078	2846	0	0
15729	MISDR3_20769_0739	MIS	340.30775	13.39659	3	1664	3103	1665	0	0
4400	MIS2DFSGP_30823_0259	MIS	340.40599	-29.25057	1	701	1381	701	0	0
4472	MIS2DFSGP_40616_0483	MIS	340.43387	-34.009472	1	694	778	694	0	0
4474	MIS2DFSGP_40635_0534	MIS	340.60212	-34.968079	1	514	598	514	0	0
4313	MIS2DFSGP_30500_0067	MIS	340.80297	-24.67244	1	12	31	12	0	0
15728	MISDR3_20768_0739	MIS	340.84002	14.21257	3	2136	3683	2125	0	0
4592	MIS2DFSGP_42821_0341	MIS	340.94435	-30.292191	1	738	1672	738	0	0
4477	MIS2DFSGP_40676_0595	MIS	340.98703	-36.874191	1	652	736	652	0	0
4470	MIS2DFSGP_40597_0416	MIS	341.22056	-32.251049	1	410	1626	410	0	0
15730	MISDR3_20828_0739	MIS	341.30966	13.25115	4	1885	3379	1885	0	0
4782	MISDR2_30904_0378	MIS	341.31152	-1.113905	2	2165	2165	2165	0	0
4681	MISDR2_20767_0740	MIS	341.37801	15.02972	2	1701	1701	1701	0	0
4399	MIS2DFSGP_30822_0260	MIS	341.44713	-29.40436	1	739	1673	739	0	0
4131	MIS2DFR_41780_0873	MIS	341.56114	-71.07077	3	0	0	0	0	0
4719	MISDR2_21283_0378	MIS	341.62419	1.269698	1	1677	1677	1677	0	0
4764	MISDR2_29502_0723	MIS	341.69771	-7.850606	1	1379	1379	1379	0	0
4783	MISDR2_30905_0378	MIS	341.7703	-0.371261	1	1703	1703	1703	0	0
4683	MISDR2_20827_0740	MIS	341.83849	14.054732	1	1702	1702	1702	0	0
4593	MIS2DFSGP_42822_0342	MIS	341.98201	-30.4436	1	731	1662	731	0	0
4478	MIS2DFSGP_40697_0596	MIS	342.17086	-37.063511	1	780	993	780	0	0
4769	MISDR2_29545_0723	MIS	342.22269	-8.796	3	3003	3003	3003	0	0
4724	MISDR2_21351_0378	MIS	342.22944	0.371299	1	1706	1706	1706	0	0
4689	MISDR2_20888_0740	MIS	342.30412	13.089527	1	1705	1705	1705	0	0
4329	MIS2DFSGP_30561_0122	MIS	342.4058	-25.78784	2	1683	1683	1683	0	0
4357	MIS2DFSGP_30689_0184	MIS	342.44973	-27.648109	1	711	1569	711	0	0
4723	MISDR2_21350_0379	MIS	342.68925	1.113433	1	1705	1705	1705	0	0
4763	MISDR2_29501_0723	MIS	342.71489	-8.013085	4	2826	3674	2826	0	0
4772	MISDR2_29589_0723	MIS	342.7371	-9.742089	3	1516	2500	1516	0	0
4688	MISDR2_20887_0740	MIS	342.83212	13.899012	1	1703	1703	1703	0	0
4290	MIS2DFSGP_30376_0011	MIS	342.86667	-23.12759	1	1681	1681	1681	0	0
4768	MISDR2_29544_0723	MIS	343.23738	-8.951197	2	1584	3217	1584	0	0
4776	MISDR2_29634_0724	MIS	343.24005	-10.688545	2	1677	3306	1677	0	0
4757	MISDR2_29120_0379	MIS	343.30428	0.232054	3	1705	3488	1705	0	0
4695	MISDR2_20949_0741	MIS	343.3116	12.918004	5	2378	2558	2378	0	0
4328	MIS2DFSGP_30560_0123	MIS	343.45329	-25.914539	1	39	86	39	0	0
4762	MISDR2_29500_0724	MIS	343.7355	-8.160899	2	1547	3158	1547	0	0
4694	MISDR2_20948_0741	MIS	343.82861	13.716479	4	1701	1701	1701	0	0
4759	MISDR2_29153_0379	MIS	343.90599	-0.652617	3	2950	4590	2950	0	0

4289	MIS2DFSGP_30375_0012	MIS	343.92013	-23.24103	1	1660	1660	1660	0	0
4312	MIS2DFSGP_30497_0069	MIS	343.95739	-25.054489	1	1666	1666	1666	0	0
4767	MISDR2_29543_0724	MIS	344.25322	-9.091514	3	1685	2916	1685	0	0
4479	MIS2DFSGP_40718_0597	MIS	344.27229	-36.445648	1	780	1320	780	0	0
4697	MISDR2_21011_0741	MIS	344.30539	12.731257	4	2458	2927	2458	0	0
4756	MISDR2_29119_0379	MIS	344.37308	0.105874	3	1694	3473	1694	0	0
4327	MIS2DFSGP_30559_0124	MIS	344.49842	-26.03244	1	1659	1659	1659	0	0
4476	MIS2DFSGP_40672_0485	MIS	344.67139	-33.68454	1	1671	1671	1671	0	0
4754	MISDR2_29086_0380	MIS	344.84209	0.863667	4	2310	4056	2299	0	0
4481	MIS2DFSGP_40741_0598	MIS	345.43584	-36.596081	1	1666	1666	1666	0	0
4302	MIS2DFSGP_30434_0070	MIS	345.50968	-24.304131	1	1651	1651	1651	0	0
4761	MISDR2_29498_0725	MIS	345.7733	-8.417533	3	2916	4500	2916	0	0
4703	MISDR2_21073_0742	MIS	345.82269	13.315299	1	1618	1618	1618	0	0
4753	MISDR2_29085_0380	MIS	345.91334	0.758511	2	1459	3084	1459	0	0
4758	MISDR2_29151_0380	MIS	346.02512	-0.882669	4	2076	2417	2076	0	0
4766	MISDR2_29541_0725	MIS	346.2844	-9.336931	2	1702	3320	1702	0	0
4702	MISDR2_21072_0742	MIS	346.3435	14.102127	1	1703	1703	1703	0	0
4755	MISDR2_29117_0380	MIS	346.50273	-0.108906	2	1697	3055	1697	0	0
4356	MIS2DFSGP_30685_0187	MIS	346.60838	-28.124559	1	1651	1651	1651	0	0
3152	MISDR1_29084_0381	MIS	346.9797	0.66579	2	3181	3181	3181	0	0
3156	MISDR1_29150_0381	MIS	347.08042	-0.97866	2	2790	2790	2790	0	0
4594	MIS2DFSGP_42827_0346	MIS	347.15079	-31.07168	1	1648	1648	1648	0	0
4765	MISDR2_29540_0725	MIS	347.29903	-9.438851	2	1703	3341	1703	0	0
4701	MISDR2_21070_0743	MIS	347.38626	15.684508	1	306	306	306	0	0
3150	MISDR1_29052_0381	MIS	347.45783	1.44114	2	3194	3194	3194	0	0
3154	MISDR1_29116_0381	MIS	347.56149	-0.19652	2	2991	2991	2991	0	0
4487	MIS2DFSGP_40790_0599	MIS	347.7624	-36.862019	1	1664	1664	1664	0	0
4771	MISDR2_29584_0726	MIS	347.80266	-10.35412	3	2129	3731	2118	0	0
3151	MISDR1_29083_0381	MIS	348.04279	0.58557	2	3073	3073	3073	0	0
3155	MISDR1_29149_0381	MIS	348.13218	-1.06232	2	3157	3157	3157	0	0
4595	MIS2DFSGP_42828_0347	MIS	348.1817	-31.1714	1	1645	1645	1645	0	0
4484	MIS2DFSGP_40763_0539	MIS	348.26285	-35.035931	1	1544	1544	1544	0	0
4715	MISDR2_21201_0743	MIS	348.31009	13.636528	4	3338	4945	3338	0	0
4707	MISDR2_21134_0744	MIS	348.37111	15.448365	3	3309	3309	3309	0	0
3153	MISDR1_29115_0381	MIS	348.61725	-0.27273	1	1483	1483	1483	0	0
4326	MIS2DFSGP_30555_0126	MIS	348.65832	-26.42654	1	1635	1635	1635	0	0
3664	MISDR1_29583_0645	MIS	348.81404	-10.44258	1	1444	1444	1444	0	0
4714	MISDR2_21200_0744	MIS	348.82379	14.41379	4	3358	4990	3358	0	0
3157	MISDR1_29082_0382	MIS	349.10225	0.51739	1	1495	1495	1495	0	0
3159	MISDR1_29148_0382	MIS	349.18099	-1.13453	2	2157	2146	2146	0	0
4372	MIS2DFSGP_30748_0267	MIS	349.20181	-29.314289	1	1637	1637	1637	0	0
4718	MISDR2_21267_0744	MIS	349.29254	13.381855	2	1705	3350	1705	0	0
4713	MISDR2_21199_0744	MIS	349.34572	15.191991	4	3355	4918	3355	0	0
4486	MIS2DFSGP_40788_0540	MIS	349.38056	-35.139561	1	1666	1666	1666	0	0
4480	MIS2DFSGP_40736_0423	MIS	349.50643	-32.266628	1	1651	1651	1651	0	0
3158	MISDR1_29114_0382	MIS	349.66907	-0.3369	1	1509	1509	1509	0	0
4717	MISDR2_21266_0744	MIS	349.80381	14.151759	3	1907	2260	1907	0	0
4483	MIS2DFSGP_40761_0488	MIS	349.81883	-33.263481	1	1658	1658	1658	0	0
3663	MISDR1_29582_0645	MIS	349.82833	-10.51832	1	1457	1457	1457	0	0
4371	MIS2DFSGP_30747_0268	MIS	350.23324	-29.394489	1	1644	1644	1644	0	0
4489	MIS2DFSGP_40814_0541	MIS	350.49812	-35.2328	1	1495	1495	1495	0	0
4482	MIS2DFSGP_40760_0424	MIS	350.55719	-32.35001	1	1628	1628	1628	0	0

4301	MIS2DFSGP_30429_0074	MIS	350.71323	-24.71784	1	1636	1636	1636	0	0
3162	MISDR1_29113_0383	MIS	350.71797	-0.39019	1	1512	1512	1512	0	0
4716	MISDR2_21264_0745	MIS	350.84197	15.700565	4	2604	3207	2604	0	0
3662	MISDR1_29581_0645	MIS	350.84374	-10.58418	1	1476	1476	1476	0	0
3161	MISDR1_29080_0383	MIS	351.20997	0.4154	1	1514	1514	1514	0	0
4370	MIS2DFSGP_30746_0269	MIS	351.26374	-29.4662	1	1641	1641	1641	0	0
3163	MISDR1_29146_0383	MIS	351.269	-1.24514	1	1479	1479	1479	0	0
3661	MISDR1_29536_0645	MIS	351.36164	-9.74712	1	1466	1466	1466	0	0
4485	MIS2DFSGP_40785_0425	MIS	351.60745	-32.424648	1	1662	1662	1662	0	0
4492	MIS2DFSGP_40841_0542	MIS	351.61638	-35.315609	1	781	1510	781	0	0
4285	MIS2DFSGP_30308_0018	MIS	351.73588	-22.9489	1	1637	1637	1637	0	0
4398	MIS2DFSGP_30812_0350	MIS	351.78181	-30.47085	1	1512	1512	1512	0	0
15704	MISDR3_29492_0646	MIS	351.87662	-8.90984	2	2286	3155	2286	0	0
4750	MISDR2_28679_0746	MIS	351.95898	13.898846	4	1951	2440	1951	0	0
3160	MISDR1_29079_0383	MIS	352.25796	0.38045	2	3084	3084	3084	0	0
4369	MIS2DFSGP_30745_0270	MIS	352.29344	-29.53005	1	1646	1646	1646	0	0
15705	MISDR3_29535_0646	MIS	352.37815	-9.79828	2	1593	1895	1582	0	0
4741	MISDR2_28664_0746	MIS	352.47368	14.676719	3	1626	2989	1626	0	0
4488	MIS2DFSGP_40811_0426	MIS	352.65727	-32.490509	1	780	1696	780	0	0
3164	MISDR1_29047_0384	MIS	352.75414	1.1947	2	1974	1938	1938	0	0
4284	MIS2DFSGP_30307_0019	MIS	352.77238	-22.99931	1	1639	1639	1639	0	0
4397	MIS2DFSGP_30811_0351	MIS	352.81038	-30.53203	1	1657	1657	1657	0	0
15706	MISDR3_29579_0646	MIS	352.87578	-10.6862	2	2287	3168	2287	0	0
15703	MISDR3_29491_0646	MIS	352.89326	-8.95682	2	2119	2957	2119	0	0
4733	MISDR2_28650_0746	MIS	352.99886	15.457285	4	1401	2482	1390	0	0
4491	MIS2DFSGP_40839_0490	MIS	353.03543	-33.486462	1	0	0	0	0	0
4749	MISDR2_28678_0746	MIS	353.12548	13.939655	3	1380	3339	1370	0	0
4311	MIS2DFSGP_30488_0129	MIS	353.3041	-25.78466	1	1641	1641	1641	0	0
4490	MIS2DFSGP_40838_0427	MIS	353.70687	-32.547588	1	1385	1469	1385	0	0
4300	MIS2DFSGP_30426_0076	MIS	353.81569	-24.87879	1	1649	1649	1649	0	0
15712	MISDR3_29578_0647	MIS	353.89228	-10.7241	2	2288	3178	2288	0	0
15708	MISDR3_29490_0647	MIS	353.90977	-8.99452	3	2856	3586	2856	0	0
4732	MISDR2_28649_0747	MIS	354.18236	15.51597	2	39	1540	39	0	0
4348	MIS2DFSGP_30613_0193	MIS	354.34402	-27.712811	1	1671	1671	1671	0	0
15710	MISDR3_29533_0647	MIS	354.41093	-9.87446	2	1984	2859	1973	0	0
4493	MIS2DFSGP_40866_0428	MIS	354.75613	-32.595181	1	101	185	101	0	0
4299	MIS2DFSGP_30425_0077	MIS	354.84795	-24.91795	1	0	0	0	0	0
15711	MISDR3_29577_0647	MIS	354.90954	-10.75443	2	1595	2337	1595	0	0
15707	MISDR3_29489_0647	MIS	354.92585	-9.02411	2	2434	3287	2422	0	0
4731	MISDR2_28648_0747	MIS	355.36324	15.597286	2	39	1584	39	0	0
3165	MISDR1_29142_0385	MIS	355.40727	-1.34772	2	3145	3145	3145	0	0
15709	MISDR3_29532_0647	MIS	355.4271	-9.90063	2	2283	3095	2283	0	0
4748	MISDR2_28676_0747	MIS	355.43945	14.054971	4	1492	2674	1481	0	0
4283	MIS2DFSGP_30304_0021	MIS	355.87377	-23.110769	2	0	0	0	0	0
15717	MISDR3_29576_0648	MIS	355.92727	-10.77718	2	2297	3198	2297	0	0
15714	MISDR3_29488_0648	MIS	355.94175	-9.04673	2	2435	3295	2421	0	0
15716	MISDR3_29531_0648	MIS	356.4438	-9.92041	4	2367	3012	2367	0	0
4747	MISDR2_28675_0748	MIS	356.59292	14.136119	4	1632	2354	1621	0	0
15713	MISDR3_29487_0648	MIS	356.95714	-9.06298	4	2348	3014	2348	0	0
4740	MISDR2_28660_0748	MIS	357.14647	14.953671	1	40	1518	40	0	0
3166	MISDR1_29140_0386	MIS	357.4574	-1.35116	2	3143	3143	3143	0	0
15715	MISDR3_29530_0648	MIS	357.46014	-9.93379	3	2254	2313	2254	0	0

4730	MISDR2_28646_0749	MIS	357.69416	15.775859	1	1705	1705	1705	0	0
4746	MISDR2_28674_0749	MIS	357.73626	14.219519	3	1864	1853	1853	0	0
3665	MISDR1_29486_0649	MIS	357.97172	-9.07342	3	1499	2188	2188	0	0
4739	MISDR2_28659_0749	MIS	358.2886	15.065328	1	1705	1705	1705	0	0
4752	MISDR2_28689_0749	MIS	358.32334	13.490906	4	2702	3099	2702	0	0
4729	MISDR2_28645_0749	MIS	358.84715	15.894246	1	1705	1705	1705	0	0
4506	MIS2DFSGP_41059_0608	MIS	358.85806	-36.550419	1	0	0	0	0	0
4745	MISDR2_28673_0749	MIS	358.87476	14.330155	1	1705	1705	1705	0	0
3667	MISDR1_29573_0649	MIS	358.98149	-10.81042	3	2857	2857	2857	0	0
4738	MISDR2_28658_0749	MIS	359.43129	15.169283	1	1705	1705	1705	0	0
4505	MIS2DFSGP_41058_0549	MIS	359.44116	-35.605431	1	1612	1612	1612	0	0
3666	MISDR1_29528_0649	MIS	359.49217	-9.946	2	2865	2865	2865	0	0

(1310 rows)