Year and Day of Year of Aqua MODIS Pass	Timestamp of Aqua MODIS Pass (UTC)	Latitude of Overshooting Top in CloudSat Profile	Longitude of Overshooting Top in CloudSat Profile (negative West)
2008092	2345	-27.80	-146.80
2008104	1200	-19.35	-158.09
2008106	0905	-35.87	74.74
2008106	1045	-24.08	46.91
2008113	1730	-13.88	-55.87
2008114	0735	4.58	-88.00
2008120	0525	-23.44	-60.17
2008124	1400	0.26	-4.83
2008127	1940	43.14	-97.40
2008129	1240	7.36	13.78
2008129	1825	4.10	109.68
2008130	2315	-7.77	-142.17
2008132	1715	13.98	128.82
2008142	0350	-7.28	148.22
2008143	0345	1.73	-31.40
2008150	0625	13.99	106.58
2008150	0710	12.95	-79.94
2008179	1915	39.07	-89.86
2008186	0645	7.74	-74.93
2008188	1805	15.47	116.80
2008189	1130	9.15	31.90
2008190	0125	5.39	4.90
2008196	0900	21.40	-105.89
2008196	1715	15.67	129.19
2008209	2000	15.77	87.47
2008211	1810	11.30	114.29
2008218	1555	9.15	-34.58
2008219	0055	6.38	12.79
2008225	0825	32.25	-95.46
2008234	1100	15.34	38.22
2008235	0505	10.47	127.37
2008239	0620	13.08	104.72
2008244	0505	22.75	126.14
2008245	1800	-0.96	114.76
2008253	1130	17.74	29.97
2008260	0725	7.20	-84.33
2008266	1815	20.53	-114.87
2008268	0315	5.06	-22.97
2008269	1845	21.41	107.36

2008273	0650	12.17	-75.49
2008273	2145	-6.36	58.03
2008278	1620	17.92	-42.62
2008278	1840	20.67	108.76
2008282	0645	8.60	-74.70
2008283	1140	7.41	29.23
2008286	1845	-5.72	-74.54
2008286	1845	-4.81	-74.74
2008292	1135	6.76	30.94
2008298	1730	-9.47	-55.22
2008298	1730	-9.20	-55.27
2008306	0200	33.62	169.76
2008310	1625	17.40	-42.52
2008316	0635	9.38	-71.48
2008320	2335	7.49	-148.51
2008332	1040	-18.30	48.66
2008334	1210	-0.57	23.16
2008342	0040	-4.91	15.06
2008349	1800	-18.79	-60.90
2008350	1205	-17.63	26.89
2008366	1210	-12.87	25.87
2009003	0425	-19.35	143.22
2009018	1155	-22.25	31.11
2009018	1155	-21.02	30.81
2009032	1210	-6.44	24.46
2009032	1210	-11.59	25.57
2009032	1800	-3.90	115.73
2009033	0615	-22.43	116.11
2009035	1735	-15.46	-55.46
2009035	1735	-15.63	-55.42
2009044	0015	-1.07	22.08
2009050	0615	2.34	-66.79
2009055	1710	-24.56	-47.15
2009066	1520	0.30	-23.34
2009067	1735	-25.25	-53.19
2009075	1650	-2.82	-45.87
2009078	1225	-3.07	20.62
2009078	1225	-0.61	20.09
2009084	1645	-2.62	-44.36
2009094	0005	0.75	25.54
2009101	1640	4.85	137.63
2009114	0120	-3.23	6.13
2009114	1610	-1.36	144.03
2009116	0245	4.17	-13.94
2009116	0245	3.41	-14.09

2009120	1940	14.60	-91.37
2009122	0615	7.37	111.08
2009133	1910	5.39	-81.64
2009140	2000	10.71	87.89
2009143	0720	7.44	-82.77
2009149	0010	3.06	24.45
2009149	0735	8.44	90.74
2009149	1230	1.25	18.11
2009163	1015	7.90	-125.93
2009167	1855	5.88	-78.66
2009169	2105	14.70	71.77
2009171	0250	8.96	-14.45
2009195	1930	46.59	-95.48
2009216	0845	40.62	-97.56
2009221	1905	3.29	100.32
2009228	0200	15.04	174.49
2009232	0630	14.89	106.43
2009232	0630	18.03	105.71
2009241	1800	36.93	-70.62
2009251	1830	-2.25	-70.69
2009255	1850	5.90	103.91
2009260	1200	41.70	19.04
2009260	1730	9.12	124.68
2009260	1825	11.73	-72.15
2009265	0935	10.26	-116.10
2009273	0845	8.67	-104.09

Dates, times, and locations of CloudSat-observed overshooting top events found during the April 2008 – September 2009 time period used within the Bedka et al. (JAMC, 2012) study.