

yyyymmdd	hhmm	Station	Preonset aurora	Stream change	No precursor	Complex	Isolated onset	Poleward expansion	Onset MLAT	Onset MLT
20071110	0918	fsmi	yes				no	yes	66.5	21.8
20071116	1005	fykn	yes				yes	no	67.0	22.5
20071120	0906	kian		yes			yes	yes	65.0	21.7
20071121	0251	snkq	yes				cloudy	yes	65.0	21.1
20071127	0407	gill		yes			yes	yes	69.0	20.8
20071127	0852	inuv	yes				no	yes	68.5	22.0
20071128	0830	inuv	yes				yes	yes	70.5	21.7
20071203	0831	inuv	yes				yes	no	71.0	22.0
20071203	0859	inuv	yes				no	no	71.0	22.8
20071208	0709	fsmi	yes				yes	no	69.5	22.5
20071210	0546	gill	yes				yes	no	67.5	22.5
20071210	0618	fsim	yes				no	no	67.0	21.5
20071210	0622	fsim	yes				no	no	67.0	21.6
20071211	0645	fsmi	yes				cloudy	no	65.0	21.7
20071211	0652	fsmi	yes				no	yes	65.0	22.5
20071211	0918	inuv	yes				no	yes	71.5	22.9
20071212	0504	gill	yes				yes	yes	67.0	21.9
20071212	0553	gill	yes				yes	no	66.5	22.3
20071212	0958	fykn			yes		yes	yes	64.5	22.8
20071212	1027	fykn				yes	no	yes	68.5	00.3
20071213	0511	kuuj	yes				yes	yes	69.0	01.0
20071214	0449	snkq	yes				yes	no	69.5	23.3
20071214	0856	fykn	yes				yes	yes	68.5	22.0
20071217	0830	gako	yes				yes	no	64.5	21.8
20071217	0844	gako	yes				no	yes	66.0	21.7
20071218	0136	snkq	yes				yes	no	67.0	19.8
20071218	0543	snkq	yes				yes	yes	66.0	00.1
20071219	0353	kuuj			yes		yes	yes	67.0	24.0
20071220	0347	snkq	yes				yes	yes	69.0	22.3
20071220	0404	snkq	yes				no	yes	69.0	22.6
20071227	0400	kuuj	yes				yes	yes	67.5	24.0
20071228	0424	snkq			yes		yes	yes	70.0	22.7
20080107	0720	fsim	yes				yes	no	67.0	22.1
20080107	0735	fsmi		yes			no	no	67.0	22.9
20080107	0823	fsim	yes				no	no	69.0	23.2
20080107	0832	fsim	yes				no	no	68.5	23.9
20080108	0446	fsmi	yes				no	no	70.0	20.9
20080110	0825	fsmi	yes				no	no	70.0	23.1
20080113	0331	snkq			yes		yes	yes	68.0	22.1
20080114	0411	gill	yes				no	yes	69.0	21.5
20080114	0417	fsmi	yes				no	yes	71.0	19.9
20080115	0948	fykn	yes				yes	no	67.8	22.4
20080116	0941	fsmi	yes				yes	yes	68.0	01.1
20080117	0711	fsmi	yes				no	yes	69.0	22.3
20080118	0307	gill	yes				no	yes	70.0	21.0
20080119	0618	fsim	yes				no	yes	68.0	02.0
20080119	0627	fsim	yes				no	yes	70.5	02.0
20080120	0508	gill	yes				no	yes	66.5	22.4
20080124	0706	fsmi	yes				yes	yes	68.0	22.1
20080126	0426	snkq			yes		yes	yes	68.0	22.4
20080126	0914	fykn		yes			yes	yes	68.5	22.0
20080128	0902	inuv	yes				yes	no	69.0	22.7
20080128	0916	fsmi	yes				no	no	69.5	23.7
20080128	1057	fykn	yes				no	yes	69.8	00.4
20080129	0742	fsmi	yes				no	yes	68.0	23.0
20080129	0750	fsim	yes				no	yes	71.0	22.7
20080129	0810	fykn	yes				no	yes	68.0	21.3
20080129	0827	fykn		yes			no	no	69.0	21.6
20080129	0831	fsmi	yes				no	no	69.5	23.4
20080201	0953	whit	yes				yes	yes	65.0	22.9
20080201	1009	fykn	yes				no	yes	66.5	22.8
20080201	1113	whit	yes				no	yes	66.0	00.9
20080202	0336	fsmi	yes				no	no	66.5	19.4
20080202	0339	gill	yes				no	yes	66.5	20.5
20080202	0738	gill	yes				yes	yes	66.0	23.1
20080202	0757	fsmi	yes				no	yes	67.0	23.9
20080202	0812	fsim	yes				no	yes	66.5	22.6
20080202	0832	fsim	yes				no	yes	66.0	23.0
20080202	0902	gako	yes				no	yes	67.0	22.4
20080203	0523	fsmi	yes				no	no	68.0	21.3
20080203	0732	fsim	yes				yes	yes	65.5	22.0
20080203	0743	fsmi	yes				no	no	66.0	22.7
20080203	0802	fsmi	yes				no	yes	67.5	23.5
20080203	0848	fsim	yes				no	no	66.0	23.2
20080203	0901	fsim	yes				no	no	68.5	23.0

20080204	0758	fsmi	yes			yes	yes	68.5	23.7
20080204	0837	fsim	yes			yes	yes	69.0	00.0
20080204	1048	fykn	yes			yes	yes	66.0	22.9
20080205	0402	snkq	yes			yes	yes	68.0	22.6
20080205	1032	inuv	yes			yes	yes	69.0	23.9
20080209	0913	fykn	yes			yes	no	69.0	23.1
20080210	0421	kuuj	yes			yes	no	67.0	00.3
20080210	0437	kuuj	yes			no	yes	67.0	00.6
20080211	0158	gill	yes			no	yes	69.5	19.2
20080211	0427	snkq		yes		no	yes	65.5	22.4
20080211	0431	snkq	yes			no	yes	67.0	23.4
20080211	0457	kuuj	yes			no	no	68.5	23.7
20080211	0713	fsim	yes			yes	no	66.0	21.9
20080211	0742	fsim		yes		no	no	69.0	22.6
20080211	0756	fsim		yes		no	no	68.5	22.8
20080211	0830	fsim		yes		yes	yes	68.5	22.8
20080212	0932	fykn	yes			no	yes	66.5	22.6
20080213	0236	kuuj	yes			yes	yes	68.0	21.9
20080213	0657	gill	yes			yes	yes	67.0	23.7
20080213	1055	kian	yes			yes	yes	66.5	22.7
20080214	0604	fsim	yes			yes	no	67.5	21.0
20080214	0618	fsim		yes		no	no	68.0	21.6
20080214	0625	fsmi	yes			no	no	70.5	01.0
20080215	0613	gill	yes			yes	yes	67.0	22.3
20080218	0858	fsmi	yes			yes	no	66.5	00.2
20080218	0914	fsim	yes			no	no	67.5	23.5
20080218	0938	fsmi	yes			no	no	67.0	01.4
20080219	0523	fsim		yes		yes	yes	67.0	21.3
20080220	0547	gill	yes			yes	no	68.0	22.8
20080220	0706	fsim		yes		no	no	68.5	21.6
20080221	0826	fsim		yes		yes	no	68.5	22.7
20080222	0604	fsim		yes		yes	no	69.5	21.7
20080222	0928	inuv	yes			no	yes	70.0	22.6
20080223	1105	fykn	yes			yes	no	70.0	23.5
20080225	0529	gill	yes			yes	yes	68.0	22.8
20080226	0358	snkq	yes			yes	yes	69.5	22.6
20080226	0403	snkq	yes			yes	yes	69.5	22.3
20080226	0451	rank	yes			yes	yes	70.0	21.0
20080226	0952	fykn	yes			yes	no	68.5	22.8
20080228	0344	snkq	yes			yes	no	69.0	22.0
20080228	0536	atha	yes			no	no	63.0	21.5
20080228	1110	fykn	yes			yes	yes	63.5	00.0
20080229	0438	fsmi	yes			yes	yes	67.0	20.7
20080229	0818	atha	yes			yes	yes	64.0	22.9
20080229	0821	atha	yes			no	yes	64.0	23.8
20080229	1049	kian	yes			yes	yes	64.5	22.6
20080301	0359	gill	yes			no	yes	68.0	22.8
20080301	0646	fsmi	yes			no	yes	65.5	22.3
20080302	0660	fsmi	yes			no	yes	69.5	22.6
20080302	0929	whit	yes			yes	no	67.5	23.1
20080302	0941	fykn	yes			yes	yes	67.5	22.7
20080302	1015	fsmi	yes			no	yes	69.5	00.4
20080303	0804	fsim	yes			yes	yes	68.0	22.8
20080303	0820	fsim	yes			no	no	69.0	22.9
20080303	0827	fsim	yes			no	no	69.5	23.0
20080303	0935	inuv	yes			no	yes	69.0	22.8
20080304	0535	gill	yes			yes	yes	68.5	21.1
20080304	0747	fsmi	yes			yes	yes	67.5	00.7
20080304	0812	whit			yes	yes	yes	67.5	21.8
20080304	0830	inuv		yes		no	yes	69.0	21.8
20080305	0604	gill	yes			yes	no	67.0	23.5
20080305	0625	gill			yes	no	no	69.0	22.9
20080306	0722	ykfn			yes	yes	no	69.5	22.6
20080307	0503	snkq	yes			yes	no	68.0	22.6
20080308	1022	fsim	yes			yes	no	67.0	00.4
20080309	0528	atha	yes			no	yes	59.0	21.4
20080309	0541	kapu	yes			no	yes	61.0	23.9
20080309	0721	atha	yes			no	yes	64.0	23.4
20080310	0745	fsim	yes			no	yes	69.0	21.2
20080311	0432	snkq			yes	yes	no	68.5	00.3
20080311	0456	snkq	yes			yes	no	69.0	23.3
20080311	0531	gill	yes			yes	no	67.5	22.4
20080311	0549	gill	yes			no	no	67.5	22.1
20080311	0553	snkq	yes			no	yes	67.5	00.8
20080311	0623	fsmi	yes			no	yes	68.5	22.1
20080311	0640	fsmi	yes			no	yes	69.5	22.0

20080311	0839	fsim	yes			no	yes	65.0	22.0
20080311	0942	fykn	yes			yes	yes	67.0	22.7
20080311	0954	fykn	yes			no	yes	68.5	22.5
20080312	0334	kuuj	yes			yes	yes	67.0	23.9
20080313	1001	fykn	yes			yes	no	69.5	22.5
20080313	1037	kian	yes			yes	no	68.0	22.4
20080313	1104	fykn	yes			yes	yes	66.0	22.6
20080314	0444	gill	yes			no	no	66.5	22.4
20080314	0633	gill	yes			yes	yes	65.5	23.3
20080314	0702	yknf	yes			no	yes	67.0	21.5
20080314	0709	yknf	yes			no	yes	67.5	22.3
20080314	0952	fykn	yes			yes	no	67.0	22.6
20080314	1004	fykn	yes			no	no	68.0	22.7
20080315	0416	gill	yes			yes	yes	67.0	21.3
20080315	0535	fsmi	yes			yes	yes	70.0	21.7
20080315	0821	whit		yes		yes	yes	65.5	21.9
20080315	0832	whit		yes		no	yes	65.0	22.1
20080315	0841	inuv	yes			no	no	68.0	21.8
20080315	0908	fykn	yes			no	yes	67.0	21.2
20080315	0914	fsmi	yes			no	no	65.0	00.8
20080315	1013	kian		yes		yes	yes	63.5	21.5
20080316	0629	fsmi	yes			yes	yes	67.0	22.0
20080316	0708	fsmi	yes			yes	yes	70.0	23.0
20080317	0231	kuuj	yes			yes	no	67.5	21.9
20080317	0255	snkq	yes			yes	no	69.0	21.8
20080317	0316	kuuj	yes			yes	no	69.0	22.8
20080317	0337	kuuj	yes			yes	no	70.5	22.8
20080318	0860	inuv	yes			no	no	70.5	22.0
20080322	0859	fykn		yes		yes	yes	58.0	21.9
20080323	0546	gill	yes			yes	no	67.0	23.2
20080323	0557	gill	yes			yes	no	67.5	22.8
20080323	0707	fsim		yes		no	no	68.5	21.9
20080324	0733	yknf			yes	yes	no	70.5	23.1
20080326	0538	gill	yes			yes	no	67.5	22.6
20080326	0612	gill	yes			no	yes	69.0	23.5
20080326	0633	yknf	yes			no	yes	69.5	21.6
20080327	0538	fsim		yes		no	no	65.5	19.9
20080327	0659	atha	yes			no	no	63.0	22.4
20080327	0727	tpas	yes			no	yes	65.5	23.7
20080327	0821	gill	yes			no	no	68.0	00.5
20080328	0326	gill	yes			yes	yes	65.0	20.7
20080328	0538	gill	yes			yes	no	66.0	22.5
20080328	0629	fsmi		yes		no	no	69.5	20.8
20080328	0822	gako	yes			yes	yes	65.0	21.1
20080328	0851	fsmi	yes			no	no	67.0	00.5
20080329	0417	snkq	yes			yes	no	67.5	21.4
20080329	0650	fsmi	yes			yes	no	68.0	22.1
20080329	0711	fsim		yes		no	no	69.0	21.9
20080329	1120	fykn	yes			yes	yes	67.0	00.2
20080330	0203	kuuj	yes			yes	yes	67.5	21.5
20080330	0620	gill	yes			yes	yes	66.5	23.4
20080331	0812	fsmi	yes			yes	no	69.0	23.2
20080331	0854	fsim	yes			yes	no	67.5	23.2
20080401	0244	gill	yes			no	no	68.0	20.0
20080401	0520	gill	yes			yes	yes	65.5	22.3
20080401	0530	gill	yes			no	no	67.0	22.5
20080401	0556	gill		yes		no	yes	67.0	22.9
20080402	0715	fsim	yes			yes	no	71.0	22.5
20080404	0523	gill	yes			yes	no	68.5	22.6
20080404	0829	yknf	yes			yes	no	67.5	22.1
20080404	0934	fykn	yes			no	no	68.5	21.8
20080404	1008	fykn	yes			yes	no	67.8	22.5
20080405	0447	kuuj	yes			yes	yes	68.0	00.1
20080405	0901	yknf	yes			yes	no	67.5	22.7
20080405	0906	yknf	yes			no	yes	67.5	23.1
20080406	0314	snkq	yes			yes	no	68.0	22.3
20080406	0356	snkq	yes			yes	yes	67.0	23.1
20080406	0556	fsmi	yes			no	yes	64.0	20.2
20080406	0636	gill	yes			no	yes	67.5	23.1
20080407	0448	snkq	yes			no	yes	67.5	23.0
20080408	0459	gill	yes			yes	yes	68.0	22.8
20080408	0658	fsmi	yes			yes	yes	67.5	22.5
20080408	0738	yknf	yes			no	yes	69.5	21.8
20080408	0801	inuv	yes			no	no	71.0	21.2
20080409	0639	fsmi	yes			no	yes	66.0	21.7
20080409	0939	whit	yes			yes	yes	66.5	22.9

20080409	0952	whit	yes			yes	yes	67.0	23.0
20080409	1001	fykn	yes			no	yes	68.5	22.7
20080410	0519	gill	yes			yes	yes	68.0	23.7
20080410	0926	whit	yes			no	no	66.5	23.0
20080411	0422	gill	yes			yes	no	69.0	21.6
20080411	0927	fykn	yes			yes	no	69.0	22.4
20080412	0421	snkq	yes			no	yes	67.5	23.3
20080412	0511	yknf	yes			no	yes	69.0	20.8
20080412	0712	fsim	yes			yes	no	66.5	22.1
20080412	0803	inuv	yes			no	yes	68.5	21.4
20080413	0239	kuuj	yes			yes	no	69.0	22.3
20080413	0439	gill	yes			no	yes	70.5	22.5
20080413	0718	fsmi	yes			yes	yes	67.0	22.7
20080413	0942	kian	yes			yes	yes	66.0	21.7
20080415	1115	fykn			yes	yes	no	67.0	23.9
20080416	0442	gill	yes			yes	yes	68.0	22.0
20080416	0601	gill	yes			yes	no	64.5	23.3
20080416	0622	tpas	yes			no	no	64.5	22.9
20080416	0632	tpas	yes			no	yes	65.5	22.7
20080416	0654	atha	yes			yes	yes	65.5	22.7
20080418	0734	fsim		yes		yes	no	68.0	21.9
20080423	0624	tpas	yes			no	yes	62.5	23.2
20080424	0243	kuuj			yes	yes	no	67.0	22.4
20080424	0252	kuuj	yes			no	yes	67.0	22.1
20080424	0526	gill	yes			yes	yes	65.5	22.6
20080424	0919	gako	yes			no	yes	63.0	21.8
20080424	0928	gako	yes			no	yes	64.0	21.8
20080425	0456	gill	yes			yes	no	66.5	21.8
20080425	0514	fsmi	yes			no	yes	66.5	20.8
20080427	0616	fsmi	yes			yes	yes	66.5	21.8
20080427	0824	gill	yes			yes	yes	67.5	01.3
20080429	0438	gill	yes			yes	yes	67.5	22.4

bald: good events

yes: no active aurora and magnetically not in expansion or recovery phase
no: preexisting active auroral and/or magnetic activity