

Auroral event 23 April

Decodes by VK3MAP - 425 in total

-9	0.1	1313	:	CQ	VK7MO	QE37	q3
-7	0.1	1327	:	CQ	VK7MO	QE37	q3
-8	0.1	1233	:	CQ	VK7MO	QE37	q3
-10	0.1	1200	:	CQ	VK7MO	QE37	q3
-13	0.1	1147	:	CQ	VK7MO	QE37	q3
-23	0.1	800	:	CQ	VK7MO	QE37	q3
-23	0.1	800	:	CQ	VK7MO	QE37	q1
-21	0.1	800	:	CQ	VK7MO	QE37	q3
-16	0.1	800	:	CQ	VK7MO	QE37	q3
-26	0.1	800	:	CQ	VK7MO	QE37	q3
-26	0.1	800	:	CQ	VK7MO	QE37	q3
-24	0.1	800	:	CQ	VK7MO	QE37	q3
-19	0.1	800	:	CQ	VK7MO	QE37	q3
-20	0.1	800	:	CQ	VK7MO	QE37	q3
-18	0.1	800	:	CQ	VK7MO	QE37	q3
-13	0	800	:	CQ	VK7MO	QE37	q3
-11	0	800	:	CQ	VK7MO	QE37	q3
-12	0	800	:	CQ	VK7MO	QE37	q3
-18	0	800	:	CQ	VK7MO	QE37	q3
-26	0	800	:	CQ	VK7MO	QE37	q3
-20	0	800	:	CQ	VK7MO	QE37	q3
-18	0	800	:	CQ	VK7MO	QE37	q3
-15	0	800	:	CQ	VK7MO	QE37	q3
-18	0	800	:	CQ	VK7MO	QE37	q3
-26	0	800	:	CQ	VK7MO	QE37	q3
-26	0	800	:	CQ	VK7MO	QE37	q3
-17	0	800	:	CQ	VK7MO	QE37	q3
-16	0	800	:	CQ	VK7MO	QE37	q3
-17	0	800	:	CQ	VK7MO	QE37	q3
-17	0	800	:	CQ	VK7MO	QE37	q3
-20	0	800	:	CQ	VK7MO	QE37	q3
-26	0	800	:	CQ	VK7MO	QE37	q3
-19	0	800	:	CQ	VK7MO	QE37	q1
-24	0	800	:	CQ	VK7MO	QE37	q3
-14	0	1180	:	CQ	VK7MO	QE37	q3
-13	0	1180	:	CQ	VK7MO	QE37	q3
-10	0	1180	:	CQ	VK7MO	QE37	q3
-14	0	1174	:	CQ	VK7MO	QE37	q3

-20	0	800	:	CQ	VK7MO	QE37	q3
-18	0	800	:	CQ	VK7MO	QE37	q3
-16	0	800	:	CQ	VK7MO	QE37	q3
-18	0	800	:	CQ	VK7MO	QE37	q3
-19	0	800	:	CQ	VK7MO	QE37	q3
-19	0	800	:	CQ	VK7MO	QE37	q3
-21	0	800	:	CQ	VK7MO	QE37	q3
-26	0	800	:	CQ	VK7MO	QE37	q3
-16	0	800	:	CQ	VK7MO	QE37	q3
-20	0	800	:	CQ	VK7MO	QE37	q3
-21	0	800	:	CQ	VK7MO	QE37	q3
-18	0	800	:	CQ	VK7MO	QE37	q3
-14	0	800	:	CQ	VK7MO	QE37	q3
-13	0	800	:	CQ	VK7MO	QE37	q3
-14	0	800	:	CQ	VK7MO	QE37	q3
-18	0.1	800	:	CQ	VK7MO	QE37	q3
-18	0.1	800	:	CQ	VK7MO	QE37	q3
-26	0.1	800	:	CQ	VK7MO	QE37	q3
-26	0.1	800	:	CQ	VK7MO	QE37	q3
-26	0.1	800	:	CQ	VK7MO	QE37	q0
-26	0.1	800	:	CQ	VK7MO	QE37	q3
-26	0.1	800	:	CQ	VK7MO	QE37	q1
-19	0.1	800	:	CQ	VK7MO	QE37	q3
-21	0.1	800	:	CQ	VK7MO	QE37	q3
-21	0.1	800	:	CQ	VK7MO	QE37	q3
-22	0.1	800	:	CQ	VK7MO	QE37	q3
-24	0.1	800	:	CQ	VK7MO	QE37	q3
-20	0.1	800	:	CQ	VK7MO	QE37	q3
-26	0.1	800	:	CQ	VK7MO	QE37	q1
-22	0.1	800	:	CQ	VK7MO	QE37	q1
-26	0.1	800	:	CQ	VK7MO	QE37	q3
-24	0.1	794	:	CQ	VK7MO	QE37	q3
-26	0.1	800	:	CQ	VK7MO	QE37	q3
-22	0.1	187	:	CQ	VK7MO	QE37	q1
-19	0.1	254	:	CQ	VK7MO	QE37	q0
-18	0.1	204	:	CQ	VK7MO	QE37	q1
-14	0.1	297	:	CQ	VK7MO	QE37	q1
-13	0.1	414	:	CQ	VK7MO	QE37	q3
-11	0.1	507	:	CQ	VK7MO	QE37	q3
-8	0.1	554	:	CQ	VK7MO	QE37	q3
-8	0.1	647	:	CQ	VK7MO	QE37	q3
-8	0.1	614	:	CQ	VK7MO	QE37	q3
-5	0.1	627	:	CQ	VK7MO	QE37	q3

-6	0.1	587	:	CQ	VK7MO	QE37	q3
-6	0.1	614	:	CQ	VK7MO	QE37	q3
-6	0.1	607	:	CQ	VK7MO	QE37	q3
-11	0.1	520	:	CQ	VK7MO	QE37	q3
-11	0.1	607	:	CQ	VK7MO	QE37	q3
-9	0.1	607	:	CQ	VK7MO	QE37	q3
-9	0.1	560	:	CQ	VK7MO	QE37	q3
-6	0.1	667	:	CQ	VK7MO	QE37	q3
-6	0.1	660	:	CQ	VK7MO	QE37	q3
-8	0.1	727	:	CQ	VK7MO	QE37	q3
-8	0.1	654	:	CQ	VK7MO	QE37	q3
-6	0.1	787	:	CQ	VK7MO	QE37	q3
-7	0.1	694	:	CQ	VK7MO	QE37	q3
-8	0.1	687	:	CQ	VK7MO	QE37	q3
-8	0.1	687	:	CQ	VK7MO	QE37	q3
-11	0.1	660	:	CQ	VK7MO	QE37	q3
-13	0.1	674	:	CQ	VK7MO	QE37	q3
-14	0.1	407	:	CQ	VK7MO	QE37	q3
-14	0.1	460	:	CQ	VK7MO	QE37	q3
-15	0.1	340	:	CQ	VK7MO	QE37	q1
-12	0.1	340	:	CQ	VK7MO	QE37	q0
-11	0.1	347	:	CQ	VK7MO	QE37	q0
-11	0.1	327	:	CQ	VK7MO	QE37	q0
-14	0.1	420	:	CQ	VK7MO	QE37	q3
-9	0.1	360	:	CQ	VK7MO	QE37	q0
-14	0.1	207	:	CQ	VK7MO	QE37	q0
-16	0.1	200	:	CQ	VK7MO	QE37	q0
-11	0.1	374	:	CQ	VK7MO	QE37	q0
-12	0.1	367	:	CQ	VK7MO	QE37	q0
-14	0.1	407	:	CQ	VK7MO	QE37	q3
-11	0.1	620	:	CQ	VK7MO	QE37	q3
-9	0.1	540	:	CQ	VK7MO	QE37	q3
-8	0.1	560	:	CQ	VK7MO	QE37	q3
-10	0.1	674	:	CQ	VK7MO	QE37	q3
-9	0.1	587	:	CQ	VK7MO	QE37	q3
-9	0.1	500	:	CQ	VK7MO	QE37	q3
-7	0.1	414	:	CQ	VK7MO	QE37	q3
-7	0.1	434	:	CQ	VK7MO	QE37	q3
-8	0.1	460	:	CQ	VK7MO	QE37	q3
-8	0.1	414	:	CQ	VK7MO	QE37	q1
-8	0.1	314	:	CQ	VK7MO	QE37	q0
-8	0.1	280	:	CQ	VK7MO	QE37	q0
-8	0.1	427	:	CQ	VK7MO	QE37	q3

-10	0.1	420	:	CQ	VK7MO	QE37	q3
-19	0.1	194	:	CQ	VK7MO	QE37	q1
-17	0.1	160	:	CQ	VK7MO	QE37	q0
-17	0.1	220	:	CQ	VK7MO	QE37	q1
-15	0.1	234	:	CQ	VK7MO	QE37	q0
-21	0.1	197	:	CQ	VK7MO	QE37	q1
-18	0.1	200	:	CQ	VK7MO	QE37	q0
-13	0.1	220	:	CQ	VK7MO	QE37	q0
-12	0.1	227	:	CQ	VK7MO	QE37	q0
-8	0.1	290	:	CQ	VK7MO	QE37	q1
-11	0.1	210	:	CQ	VK7MO	QE37	q1
-15	0.1	204	:	CQ	VK7MO	QE37	q0
-21	0.1	147	:	CQ	VK7MO	QE37	q0
-20	0.1	180	:	CQ	VK7MO	QE37	q0
-18	0.1	154	:	CQ	VK7MO	QE37	q1
-14	0.1	407	:	CQ	VK7MO	QE37	q3
-16	0.1	174	:	CQ	VK7MO	QE37	q1
-23	0.1	150	:	CQ	VK7MO	QE37	q1
-22	0.1	160	:	CQ	VK7MO	QE37	q0
-16	0.1	174	:	CQ	VK7MO	QE37	q1
-7	0.1	440	:	CQ	VK7MO	QE37	q3
-6	0.1	300	:	CQ	VK7MO	QE37	q0
-6	0.1	340	:	CQ	VK7MO	QE37	q0
-9	0.1	240	:	CQ	VK7MO	QE37	q0
-9	0.1	254	:	CQ	VK7MO	QE37	q0
-17	0.1	207	:	CQ	VK7MO	QE37	q1
-26	0.1	180	:	CQ	VK7MO	QE37	q0
-18	0.1	150	:	CQ	VK7MO	QE37	q0
-9	0.1	327	:	CQ	VK7MO	QE37	q0
-7	0.1	314	:	CQ	VK7MO	QE37	q0
-9	0.1	274	:	CQ	VK7MO	QE37	q0
-4	0.1	414	:	CQ	VK7MO	QE37	q3
-7	0.1	334	:	CQ	VK7MO	QE37	q0
-4	0.1	467	:	CQ	VK7MO	QE37	q3
-4	0.1	474	:	CQ	VK7MO	QE37	q3
-5	0.1	414	:	CQ	VK7MO	QE37	q3
-4	0.1	420	:	CQ	VK7MO	QE37	q3
-6	0.1	387	:	CQ	VK7MO	QE37	q1
-6	0.1	434	:	CQ	VK7MO	QE37	q0
-8	0.1	340	:	CQ	VK7MO	QE37	q0
-8	0.1	307	:	CQ	VK7MO	QE37	q0
-6	0.1	407	:	CQ	VK7MO	QE37	q3
-5	0.1	330	:	CQ	VK7MO	QE37	q0

-8	0.1	294	:	CQ	VK7MO	QE37	q0
-9	0.1	267	:	CQ	VK7MO	QE37	q0
-9	0.1	267	:	CQ	VK7MO	QE37	q0
-9	0.1	264	:	CQ	VK7MO	QE37	q0
-8	0.1	447	:	CQ	VK7MO	QE37	q3
-6	0.1	480	:	CQ	VK7MO	QE37	q3
-10	0.1	414	:	CQ	VK7MO	QE37	q3
-8	0.1	514	:	CQ	VK7MO	QE37	q3
-6	0.1	540	:	CQ	VK7MO	QE37	q3
-7	0.1	440	:	CQ	VK7MO	QE37	q3
-5	0.1	440	:	CQ	VK7MO	QE37	q3
-7	0.1	380	:	CQ	VK7MO	QE37	q0
-6	0.1	387	:	CQ	VK7MO	QE37	q0
-9	0.1	294	:	CQ	VK7MO	QE37	q0
-10	0.1	274	:	CQ	VK7MO	QE37	q1
-8	0.1	334	:	CQ	VK7MO	QE37	q0
-4	0.1	427	:	CQ	VK7MO	QE37	q3
-4	0.1	420	:	CQ	VK7MO	QE37	q3
-4	0.1	377	:	CQ	VK7MO	QE37	q0
-7	0.1	267	:	CQ	VK7MO	QE37	q0
-6	0.1	340	:	CQ	VK7MO	QE37	q0
-7	0.1	267	:	CQ	VK7MO	QE37	q0
-5	0.1	374	:	CQ	VK7MO	QE37	q0
-5	0.1	407	:	CQ	VK7MO	QE37	q3
-4	0.1	414	:	CQ	VK7MO	QE37	q3
-6	0.1	407	:	CQ	VK7MO	QE37	q0
-4	0.1	407	:	CQ	VK7MO	QE37	q3
-5	0.1	407	:	CQ	VK7MO	QE37	q3
-4	0.1	427	:	CQ	VK7MO	QE37	q3
-4	0.1	414	:	CQ	VK7MO	QE37	q0
-5	0.1	427	:	CQ	VK7MO	QE37	q3
-5	0.1	427	:	CQ	VK7MO	QE37	q3
-6	0.1	420	:	CQ	VK7MO	QE37	q3
-5	0.1	487	:	CQ	VK7MO	QE37	q3
-5	0.1	474	:	CQ	VK7MO	QE37	q3
-15	0.1	227	:	CQ	VK7MO	QE37	q0
-18	0.1	207	:	CQ	VK7MO	QE37	q1
-5	0.1	514	:	CQ	VK7MO	QE37	q3
-3	0.1	527	:	CQ	VK7MO	QE37	q3
-4	0.1	507	:	CQ	VK7MO	QE37	q3
-3	0.1	487	:	CQ	VK7MO	QE37	q3
-4	0.1	494	:	CQ	VK7MO	QE37	q3
-3	0.1	527	:	CQ	VK7MO	QE37	q3

-3	0.1	500	:	CQ	VK7MO	QE37	q3
-4	0.1	480	:	CQ	VK7MO	QE37	q3
-3	0.1	467	:	CQ	VK7MO	QE37	q3
-3	0.1	507	:	CQ	VK7MO	QE37	q3
-5	0.1	467	:	CQ	VK7MO	QE37	q3
-8	0.1	327	:	CQ	VK7MO	QE37	q1
-9	0.1	240	:	CQ	VK7MO	QE37	q0
-7	0.1	387	:	CQ	VK7MO	QE37	q0
-10	0.1	327	:	CQ	VK7MO	QE37	q1
-7	0.1	414	:	CQ	VK7MO	QE37	q0
-5	0.1	407	:	CQ	VK7MO	QE37	q3
-4	0.1	407	:	CQ	VK7MO	QE37	q3
-5	0.1	394	:	CQ	VK7MO	QE37	q0
-7	0.1	420	:	CQ	VK7MO	QE37	q3
-6	0.1	414	:	CQ	VK7MO	QE37	q3
-5	0.1	414	:	CQ	VK7MO	QE37	q3
-5	0.1	434	:	CQ	VK7MO	QE37	q3
-4	0.1	514	:	CQ	VK7MO	QE37	q3
-4	0.1	514	:	CQ	VK7MO	QE37	q3
-5	0.1	474	:	CQ	VK7MO	QE37	q3
-5	0.1	440	:	CQ	VK7MO	QE37	q3
-5	0.1	474	:	CQ	VK7MO	QE37	q3
-5	0.1	447	:	CQ	VK7MO	QE37	q3
-5	0.1	447	:	CQ	VK7MO	QE37	q3
-5	0.1	480	:	CQ	VK7MO	QE37	q3
-5	0.1	480	:	CQ	VK7MO	QE37	q3
-3	0.1	487	:	CQ	VK7MO	QE37	q3
-5	0.1	447	:	CQ	VK7MO	QE37	q3
-4	0.1	434	:	CQ	VK7MO	QE37	q3
-4	0.1	474	:	CQ	VK7MO	QE37	q3
-3	0.1	500	:	CQ	VK7MO	QE37	q3
-3	0.1	440	:	CQ	VK7MO	QE37	q3
-3	0.1	434	:	CQ	VK7MO	QE37	q3
-3	0.1	454	:	CQ	VK7MO	QE37	q3
-3	0.1	460	:	CQ	VK7MO	QE37	q3
-3	0.1	460	:	CQ	VK7MO	QE37	q3
-3	0.1	434	:	CQ	VK7MO	QE37	q3
-3	0.1	434	:	CQ	VK7MO	QE37	q3
-4	0.1	427	:	CQ	VK7MO	QE37	q3
-4	0.1	447	:	CQ	VK7MO	QE37	q3
-3	0.1	460	:	CQ	VK7MO	QE37	q3
-4	0.1	454	:	CQ	VK7MO	QE37	q3
-4	0.1	494	:	CQ	VK7MO	QE37	q3

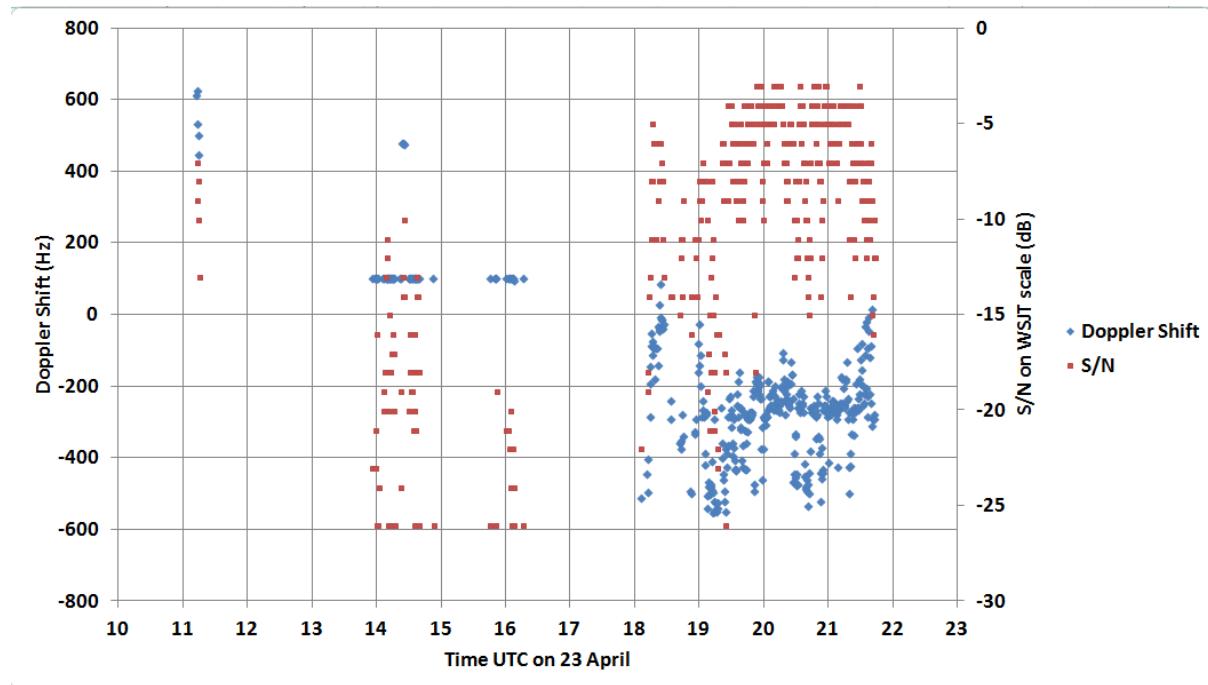
-5	0.1	500	:	CQ	VK7MO	QE37	q3
-5	0.1	594	:	CQ	VK7MO	QE37	q3
-6	0.1	574	:	CQ	VK7MO	QE37	q3
-7	0.1	487	:	CQ	VK7MO	QE37	q3
-7	0.1	520	:	CQ	VK7MO	QE37	q3
-7	0.1	420	:	CQ	VK7MO	QE37	q3
-7	0.1	460	:	CQ	VK7MO	QE37	q3
-9	0.1	467	:	CQ	VK7MO	QE37	q3
-8	0.1	507	:	CQ	VK7MO	QE37	q3
-8	0.1	480	:	CQ	VK7MO	QE37	q3
-9	0.1	500	:	CQ	VK7MO	QE37	q3
-6	0.1	514	:	CQ	VK7MO	QE37	q3
-6	0.1	447	:	CQ	VK7MO	QE37	q3
-6	0.1	454	:	CQ	VK7MO	QE37	q3
-5	0.1	440	:	CQ	VK7MO	QE37	q3
-6	0.1	460	:	CQ	VK7MO	QE37	q3
-5	0.1	567	:	CQ	VK7MO	QE37	q3
-6	0.1	507	:	CQ	VK7MO	QE37	q3
-6	0.1	534	:	CQ	VK7MO	QE37	q3
-6	0.1	534	:	CQ	VK7MO	QE37	q3
-6	0.1	467	:	CQ	VK7MO	QE37	q3
-13	0.1	234	:	CQ	VK7MO	QE37	q0
-10	0.1	254	:	CQ	VK7MO	QE37	q0
-8	0.1	314	:	CQ	VK7MO	QE37	q0
-8	0.1	367	:	CQ	VK7MO	QE37	q0
-8	0.1	360	:	CQ	VK7MO	QE37	q0
-10	0.1	247	:	CQ	VK7MO	QE37	q0
-12	0.1	224	:	CQ	VK7MO	QE37	q1
-11	0.1	254	:	CQ	VK7MO	QE37	q0
-12	0.1	227	:	CQ	VK7MO	QE37	q0
-8	0.1	440	:	CQ	VK7MO	QE37	q3
-5	0.1	480	:	CQ	VK7MO	QE37	q3
-4	0.1	454	:	CQ	VK7MO	QE37	q3
-3	0.1	434	:	CQ	VK7MO	QE37	q3
-6	0.1	427	:	CQ	VK7MO	QE37	q3
-6	0.1	447	:	CQ	VK7MO	QE37	q3
-4	0.1	487	:	CQ	VK7MO	QE37	q3
-4	0.1	454	:	CQ	VK7MO	QE37	q3
-5	0.1	447	:	CQ	VK7MO	QE37	q3
-7	0.1	474	:	CQ	VK7MO	QE37	q3
-7	0.1	427	:	CQ	VK7MO	QE37	q3
-9	0.1	250	:	CQ	VK7MO	QE37	q1
-8	0.1	284	:	CQ	VK7MO	QE37	q0

-10	0.1	214	:	CQ	VK7MO	QE37	q0
-12	0.1	220	:	CQ	VK7MO	QE37	q0
-10	0.1	240	:	CQ	VK7MO	QE37	q0
-13	0.1	207	:	CQ	VK7MO	QE37	q0
-14	0.1	227	:	CQ	VK7MO	QE37	q0
-15	0.1	167	:	CQ	VK7MO	QE37	q0
-11	0.1	257	:	CQ	VK7MO	QE37	q0
-12	0.1	200	:	CQ	VK7MO	QE37	q0
-7	0.1	320	:	CQ	VK7MO	QE37	q0
-4	0.1	440	:	CQ	VK7MO	QE37	q3
-5	0.1	440	:	CQ	VK7MO	QE37	q3
-5	0.1	427	:	CQ	VK7MO	QE37	q3
-4	0.1	434	:	CQ	VK7MO	QE37	q3
-4	0.1	440	:	CQ	VK7MO	QE37	q3
-4	0.1	447	:	CQ	VK7MO	QE37	q3
-3	0.1	420	:	CQ	VK7MO	QE37	q3
-3	0.1	440	:	CQ	VK7MO	QE37	q3
-4	0.1	434	:	CQ	VK7MO	QE37	q3
-5	0.1	434	:	CQ	VK7MO	QE37	q3
-6	0.1	414	:	CQ	VK7MO	QE37	q3
-7	0.1	354	:	CQ	VK7MO	QE37	q1
-4	0.1	420	:	CQ	VK7MO	QE37	q3
-3	0.1	474	:	CQ	VK7MO	QE37	q3
-5	0.1	454	:	CQ	VK7MO	QE37	q3
-7	0.1	360	:	CQ	VK7MO	QE37	q0
-8	0.1	354	:	CQ	VK7MO	QE37	q0
-8	0.1	314	:	CQ	VK7MO	QE37	q0
-14	0.1	180	:	CQ	VK7MO	QE37	q0
-12	0.1	260	:	CQ	VK7MO	QE37	q0
-10	0.1	244	:	CQ	VK7MO	QE37	q0
-9	0.1	330	:	CQ	VK7MO	QE37	q0
-9	0.1	267	:	CQ	VK7MO	QE37	q1
-9	0.1	260	:	CQ	VK7MO	QE37	q0
-5	0.1	434	:	CQ	VK7MO	QE37	q3
-4	0.1	447	:	CQ	VK7MO	QE37	q3
-4	0.1	434	:	CQ	VK7MO	QE37	q3
-3	0.1	447	:	CQ	VK7MO	QE37	q3
-3	0.1	487	:	CQ	VK7MO	QE37	q3
-3	0.1	474	:	CQ	VK7MO	QE37	q3
-4	0.1	427	:	CQ	VK7MO	QE37	q3
-4	0.1	427	:	CQ	VK7MO	QE37	q3
-5	0.1	414	:	CQ	VK7MO	QE37	q3
-7	0.1	287	:	CQ	VK7MO	QE37	q0

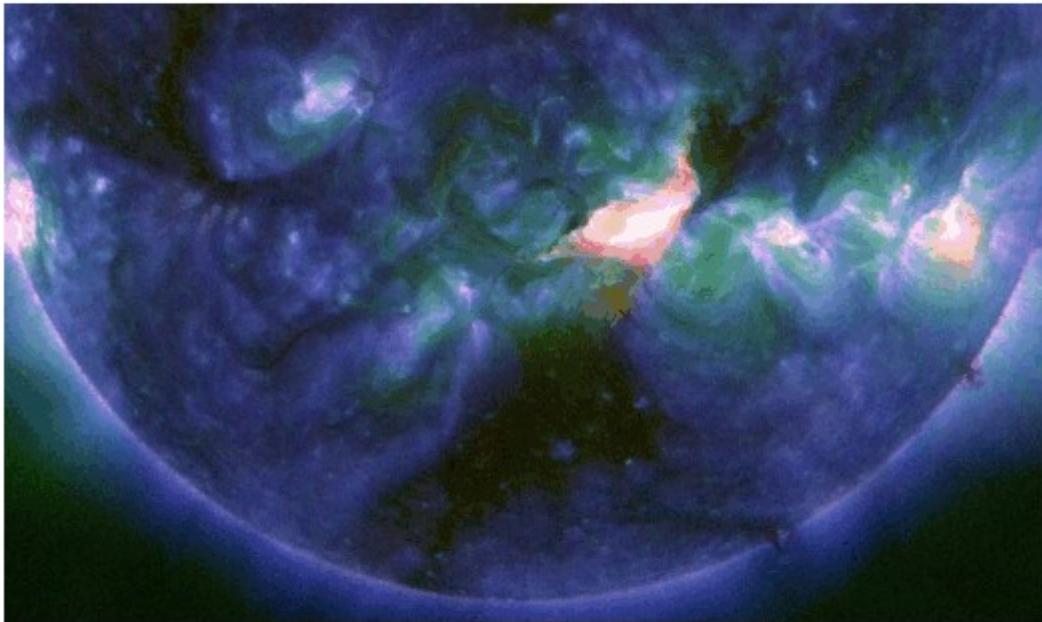
-6	0.1	434	:	CQ	VK7MO	QE37	q3
-6	0.1	420	:	CQ	VK7MO	QE37	q3
-6	0.1	420	:	CQ	VK7MO	QE37	q3
-7	0.1	434	:	CQ	VK7MO	QE37	q3
-6	0.1	420	:	CQ	VK7MO	QE37	q3
-5	0.1	434	:	CQ	VK7MO	QE37	q3
-4	0.1	460	:	CQ	VK7MO	QE37	q3
-5	0.1	447	:	CQ	VK7MO	QE37	q3
-4	0.1	460	:	CQ	VK7MO	QE37	q3
-6	0.1	454	:	CQ	VK7MO	QE37	q3
-6	0.1	454	:	CQ	VK7MO	QE37	q3
-6	0.1	440	:	CQ	VK7MO	QE37	q3
-6	0.1	447	:	CQ	VK7MO	QE37	q3
-6	0.1	434	:	CQ	VK7MO	QE37	q3
-7	0.1	420	:	CQ	VK7MO	QE37	q3
-6	0.1	407	:	CQ	VK7MO	QE37	q3
-9	0.1	274	:	CQ	VK7MO	QE37	q1
-6	0.1	447	:	CQ	VK7MO	QE37	q3
-5	0.1	434	:	CQ	VK7MO	QE37	q3
-4	0.1	440	:	CQ	VK7MO	QE37	q3
-4	0.1	440	:	CQ	VK7MO	QE37	q3
-4	0.1	454	:	CQ	VK7MO	QE37	q3
-4	0.1	447	:	CQ	VK7MO	QE37	q3
-4	0.1	527	:	CQ	VK7MO	QE37	q3
-5	0.1	447	:	CQ	VK7MO	QE37	q3
-5	0.1	454	:	CQ	VK7MO	QE37	q3
-4	0.1	520	:	CQ	VK7MO	QE37	q3
-4	0.1	494	:	CQ	VK7MO	QE37	q3
-4	0.1	447	:	CQ	VK7MO	QE37	q3
-4	0.1	447	:	CQ	VK7MO	QE37	q3
-5	0.1	440	:	CQ	VK7MO	QE37	q3
-4	0.1	520	:	CQ	VK7MO	QE37	q3
-4	0.1	514	:	CQ	VK7MO	QE37	q3
-5	0.1	460	:	CQ	VK7MO	QE37	q3
-4	0.1	567	:	CQ	VK7MO	QE37	q3
-5	0.1	467	:	CQ	VK7MO	QE37	q3
-8	0.1	407	:	CQ	VK7MO	QE37	q3
-11	0.1	274	:	CQ	VK7MO	QE37	q0
-8	0.1	427	:	CQ	VK7MO	QE37	q3
-14	0.1	200	:	CQ	VK7MO	QE37	q0
-8	0.1	314	:	CQ	VK7MO	QE37	q0
-8	0.1	277	:	CQ	VK7MO	QE37	q0
-6	0.1	367	:	CQ	VK7MO	QE37	q0

-4	0.1	427	:	CQ	VK7MO	QE37	q3
-7	0.1	407	:	CQ	VK7MO	QE37	q3
-7	0.1	427	:	CQ	VK7MO	QE37	q3
-11	0.1	364	:	CQ	VK7MO	QE37	q1
-12	0.1	440	:	CQ	VK7MO	QE37	q3
-8	0.1	427	:	CQ	VK7MO	QE37	q3
-7	0.1	440	:	CQ	VK7MO	QE37	q3
-7	0.1	434	:	CQ	VK7MO	QE37	q3
-6	0.1	507	:	CQ	VK7MO	QE37	q3
-6	0.1	607	:	CQ	VK7MO	QE37	q3
-6	0.1	440	:	CQ	VK7MO	QE37	q3
-4	0.1	434	:	CQ	VK7MO	QE37	q3
-3	0.1	467	:	CQ	VK7MO	QE37	q3
-3	0.1	440	:	CQ	VK7MO	QE37	q3
-3	0.1	480	:	CQ	VK7MO	QE37	q3
-4	0.1	520	:	CQ	VK7MO	QE37	q3
-6	0.1	507	:	CQ	VK7MO	QE37	q3
-7	0.1	574	:	CQ	VK7MO	QE37	q3
-9	0.1	547	:	CQ	VK7MO	QE37	q3
-8	0.1	620	:	CQ	VK7MO	QE37	q3
-8	0.1	500	:	CQ	VK7MO	QE37	q3
-9	0.1	447	:	CQ	VK7MO	QE37	q3
-10	0.1	454	:	CQ	VK7MO	QE37	q3
-9	0.1	480	:	CQ	VK7MO	QE37	q3
-10	0.1	587	:	CQ	VK7MO	QE37	q3
-12	0.1	667	:	CQ	VK7MO	QE37	q3
-11	0.1	680	:	CQ	VK7MO	QE37	q3
-8	0.1	494	:	CQ	VK7MO	QE37	q3
-7	0.1	414	:	CQ	VK7MO	QE37	q3
-8	0.1	474	:	CQ	VK7MO	QE37	q3
-10	0.1	607	:	CQ	VK7MO	QE37	q3
-11	0.1	654	:	CQ	VK7MO	QE37	q3
-11	0.1	694	:	CQ	VK7MO	QE37	q3
-9	0.1	580	:	CQ	VK7MO	QE37	q3
-7	0.1	480	:	CQ	VK7MO	QE37	q3
-6	0.1	454	:	CQ	VK7MO	QE37	q3
-9	0.1	614	:	CQ	VK7MO	QE37	q3
-15	0.1	390	:	CQ	VK7MO	QE37	q0
-14	0.1	714	:	CQ	VK7MO	QE37	q3
-16	0.1	407	:	CQ	VK7MO	QE37	q3
-12	0.1	407	:	CQ	VK7MO	QE37	q3
-10	0.1	407	:	CQ	VK7MO	QE37	q3
-12	0.1	420	:	CQ	VK7MO	QE37	q3

Doppler and S/N

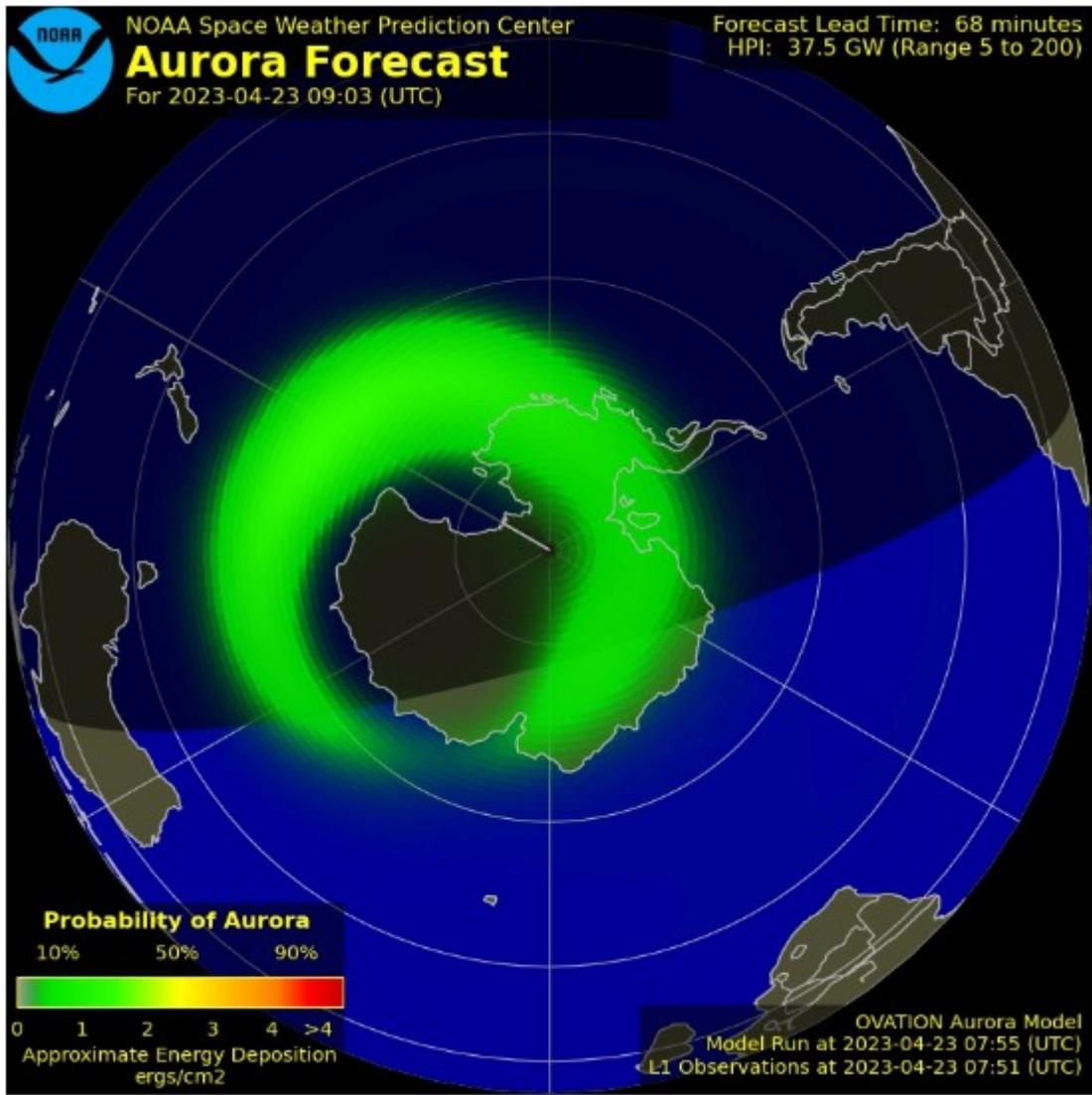


EARTH-DIRECTED EXPLOSION ON THE SUN--UPDATED: Earth is in the strike zone. Yesterday (April 21st), a large magnetic filament snaking across the sun's southern hemisphere exploded, hurling a cloud of debris in our direction. This movie from NASA's Solar Dynamics Observatory shows what happened:

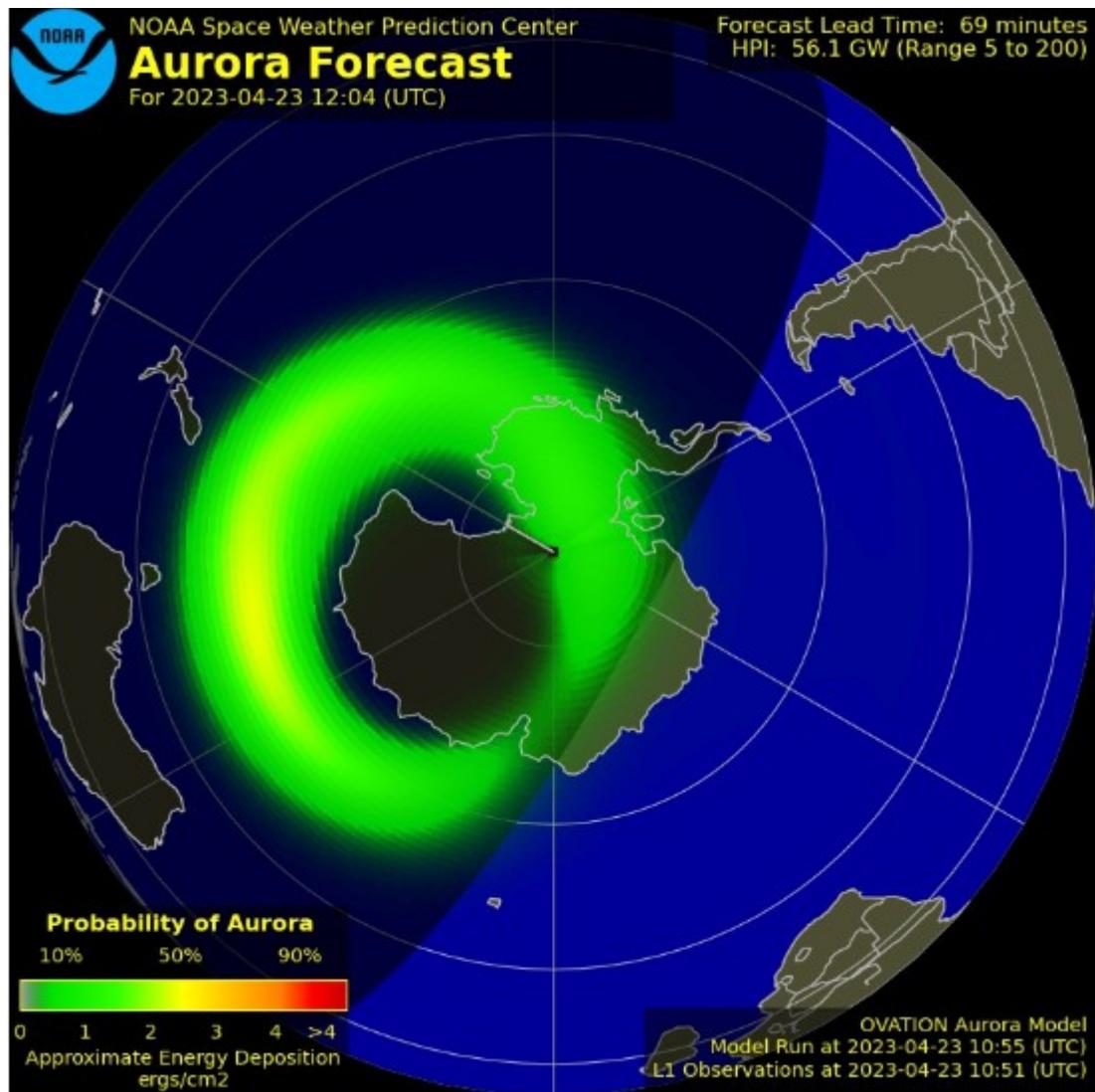


Soon after the eruption, the US Air Force reported strong Type II and Type IV solar radio bursts. These are natural shortwave emissions produced by shock waves preceding the CME as it passes through the sun's atmosphere. Drift rates in the Type II burst suggested a CME velocity of about 580 km/s (1.3 million mph).

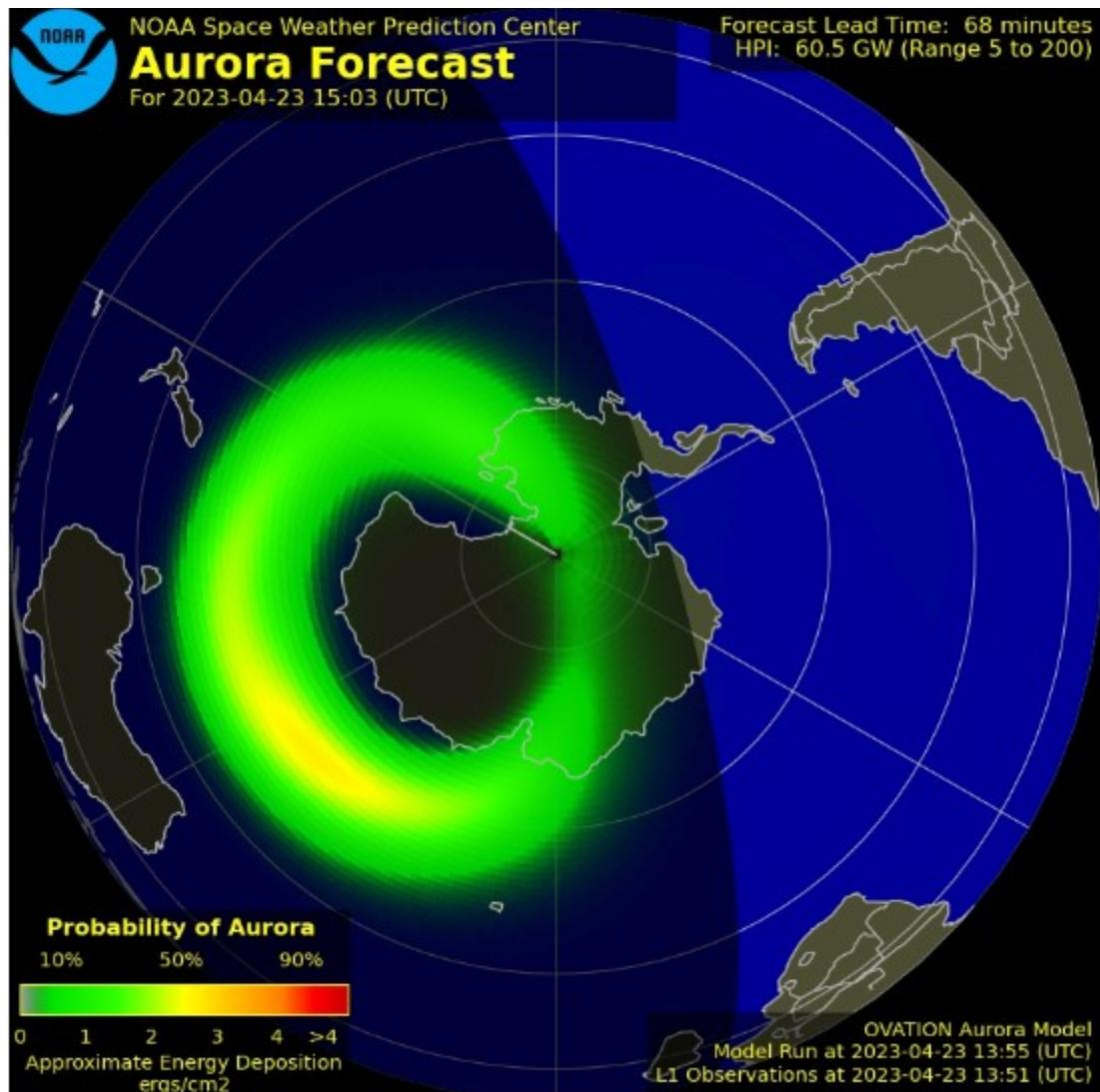
GEOMAGNETIC STORM WARNING: Arriving earlier than expected, [a CME](#) hit Earth's magnetic field today, April 23rd, at 1737 UT. The impact sparked a severe [G4](#)-class geomagnetic storm with auroras in Europe as far south as Germany and southern Poland. The storm is subsiding now, currently [G3](#), but it is still strong and could produce auroras over the USA after nightfall. **Aurora alerts:** [SMS Text](#).



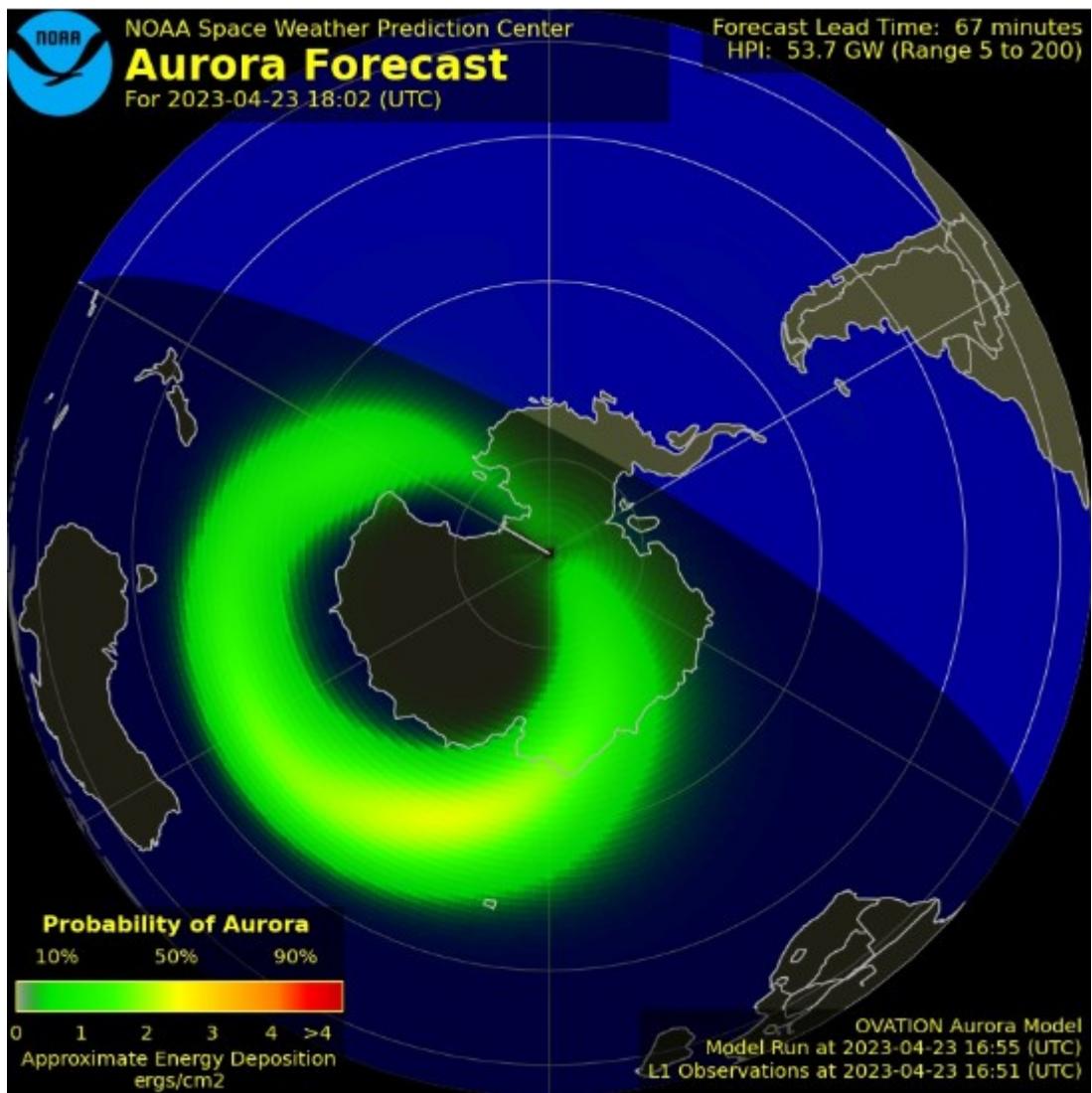
9:00 UTC on 23 April



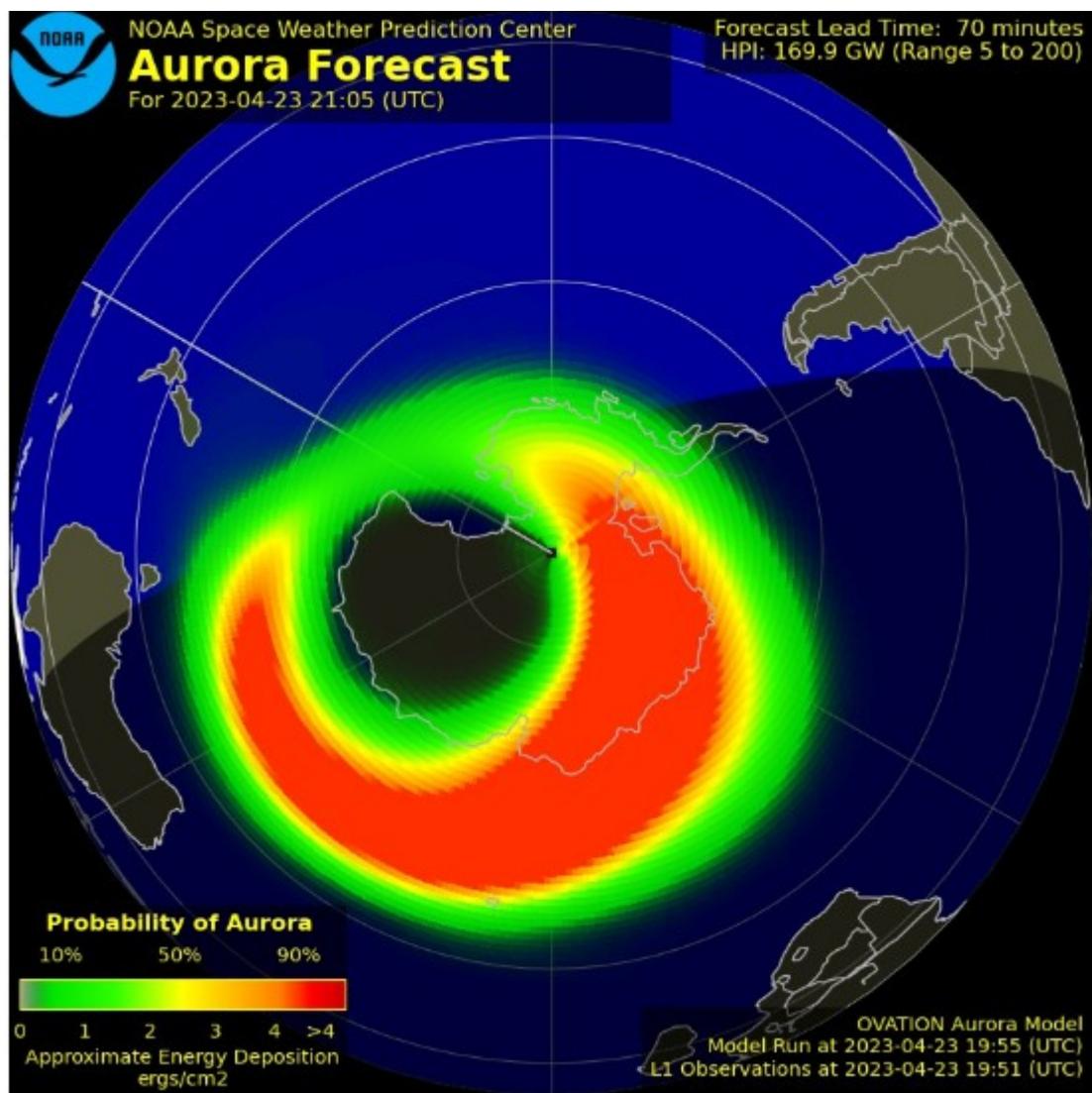
12:00 UTC on 23 April



15:00 UTC on 23 April



18:00 UTC on 23 April



21:00 UTC 23 April