

Unprecedented Arctic ozone loss in 2011

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Observed and modelled record ozone decline over the Arctic during winter/spring 2011. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	33
2	Arctic winter 2010/2011 at the brink of an ozone hole. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	88
3	Trends of solar ultraviolet irradiance at Barrow, Alaska, and the effect of measurement uncertainties on trend detection. Atmospheric Chemistry and Physics, 2011, 11, 13029-13045.	1.9	27
4	The Arctic vortex in March 2011: a dynamical perspective. Atmospheric Chemistry and Physics, 2011, 11, 11447-11453.	1.9	60
5	Suicide of a protein. Nature, 2011, 478, 463-464.	13.7	2
6	An Arctic ozone hole?. Nature, 2011, 478, 462-463.	13.7	13
7	MIPAS detection of cloud and aerosol particle occurrence in the UTLS with comparison to HIRDLS and CALIOP. Atmospheric Measurement Techniques, 2012, 5, 2537-2553.	1.2	24
9	OSIRIS: A Decade of Scattered Light. Bulletin of the American Meteorological Society, 2012, 93, 1845-1863.	1.7	28
10	Temperature thresholds for chlorine activation and ozone loss in the polar stratosphere. Annales Geophysicae, 2012, 30, 1055-1073.	0.6	68
11	Extreme ozone loss over the Northern Hemisphere high latitudes in the early 2011. Tellus, Series B: Chemical and Physical Meteorology, 2012, 64, 17347.	0.8	6
12	Strato-mesospheric ClO observations by SMILES: error analysis and diurnal variation. Atmospheric Measurement Techniques, 2012, 5, 2809-2825.	1.2	21
13	Validation of ACE and OSIRIS ozone and NO ₂ measurements using ground-based instruments at 80° N. Atmospheric Measurement Techniques, 2012, 5, 927-953.	1.2	28
15	Cross-Calibration of the Total Ozone Unit (TOU) With the Ozone Monitoring Instrument (OMI) and SBUV/2 for Environmental Applications. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 4943-4955.	2.7	10
16	Persistent polar depletion of stratospheric ozone and emergent mechanisms of ultraviolet radiation-mediated health dysregulation. Reviews on Environmental Health, 2012, 27, 103-16.	1.1	15
18	Record-breaking ozone loss in the Arctic winter 2010/2011: comparison with 1996/1997. Atmospheric Chemistry and Physics, 2012, 12, 7073-7085.	1.9	47
19	Extreme ozone depletion in the 2010–2011 Arctic winter stratosphere as observed by MIPAS/ENVISAT using a 2-D tomographic approach. Atmospheric Chemistry and Physics, 2012, 12, 9149-9165.	1.9	59
20	CO at 40–80 km above Kiruna observed by the ground-based microwave radiometer KIMRA and simulated by the Whole Atmosphere Community Climate Model. Atmospheric Chemistry and Physics, 2012, 12, 3261-3271.	1.9	18
21	Unusually low ozone, HCl, and HNO ₃ column measurements at Eureka, Canada during winter/spring 2011. Atmospheric Chemistry and Physics, 2012, 12, 3821-3835.	1.9	34

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23	State of the Climate in 2011. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, S1-S282.	1.7	121
24	Analysis of annual cyclic variations in total ozone column over Indian region. <i>Journal of Atmospheric Chemistry</i> , 2012, 69, 321-335.	1.4	5
25	Environmental effects of ozone depletion and its interactions with climate change: progress report, 2011. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 13-27.	1.6	47
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30	Features of the altitude-time distribution of ozone over Moscow during the strong ozone depletion in spring 2011 and during the stratospheric warming in 2010 according to observations at millimeter wavelengths. <i>Bulletin of the Lebedev Physics Institute</i> , 2012, 39, 277-283.	0.1	5
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35	Enhanced UV-B and Elevated CO ₂ Impacts Sub-Arctic Shrub Berry Abundance, Quality and Seed Germination. <i>Ambio</i> , 2012, 41, 256-268.	2.8	13
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38	Benthic Cyanobacterial Mats in the High Arctic: Multi-Layer Structure and Fluorescence Responses to Osmotic Stress. <i>Frontiers in Microbiology</i> , 2012, 3, 140.	1.5	57
39	Tracer transport during the Arctic stratospheric final warming based on a 33-yr (1979-2011) tracer equivalent latitude simulation. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	7
40	Brief communication "Stratospheric winds, transport barriers and the 2011 Arctic ozone hole". <i>Nonlinear Processes in Geophysics</i> , 2012, 19, 687-692.	0.6	11

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56	Millimeter-wave remote sensing of ozone vertical distribution over Moscow in periods of considerable changes in the ozone layer in 2010–2012. , 2013, , .		0
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