

# Effect of Air Pollution on Precipitation along the Front Range

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Evidence of Orographic Precipitation Suppression by Air Pollution-Induced Aerosols in the Western United States. <i>Journal of Applied Meteorology and Climatology</i> , 2006, 45, 893-911.	0.6	87
2	Inverse Relations Between Amounts of Air Pollution and Orographic Precipitation. <i>Science</i> , 2007, 315, 1396-1398.	6.0	255
3	Urban Aerosol Impacts on Downwind Convective Storms. <i>Journal of Applied Meteorology and Climatology</i> , 2007, 46, 828-850.	0.6	272
4	Effects of aerosols on precipitation from orographic clouds. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	117
5	Utilization of spectral bin microphysics and bulk parameterization schemes to simulate the cloud structure and precipitation in a mesoscale rain event. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	29
6	A satellite-based assessment of transpacific transport of pollution aerosol. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	114
7	Aerosol-cloud relationships in continental shallow cumulus. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	72
8	Aircraft measurements of the impacts of pollution aerosols on clouds and precipitation over the Sierra Nevada. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	71
9	Factors Determining the Impact of Aerosols on Surface Precipitation from Clouds: An Attempt at Classification. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 1721-1748.	0.6	346
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13	Sensitivity Studies of Aerosol-Cloud Interactions in Mixed-Phase Orographic Precipitation. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 2517-2538.	0.6	67
14	Notes on state-of-the-art investigations of aerosol effects on precipitation: a critical review. <i>Environmental Research Letters</i> , 2009, 4, 015004.	2.2	259
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16	The effects of aerosols on intense convective precipitation in the northeastern United States. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 1367-1391.	1.0	83
17	Last Glacial Maximum equilibrium-line altitude trends and precipitation patterns in the Sangre de Cristo Mountains, southern Colorado, USA. <i>Boreas</i> , 2009, 38, 663-678.	1.2	10
18	On the precipitation susceptibility of clouds to aerosol perturbations. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	118

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19	Simulation of a supercell storm in clean and dirty atmosphere using weather research and forecast model with spectral bin microphysics. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	94
20	Intercomparison of aerosol-cloud-precipitation interactions in stratiform orographic mixed-phase clouds. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 8173-8196.	1.9	54
21	Aerosol size distribution in precipitation events in León, Spain. <i>Atmospheric Research</i> , 2010, 96, 421-435.	1.8	45
22	Have aerosols affected trends in visibility and precipitation in Europe?. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	36
23	Detection of Asian dust in California orographic precipitation. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	94
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29	The Cumulative Impact of Cloud Droplet Nucleating Aerosols on Orographic Snowfall in Colorado. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 604-625.	0.6	39
30	Statistical Analysis of Aerosol Effects on Simulated Mixed-Phase Clouds and Precipitation in the Alps. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 1474-1492.	0.6	31
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38	Long-Term (1951–2007) Rainfall Trends around Six Indian Cities: Current State, Meteorological, and Urban Dynamics. <i>Advances in Meteorology</i> , 2013, 2013, 1-15.	0.6	25
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50	Environmental controls on storm intensity and charge structure in multiple regions of the continental United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 6575-6596.	1.2	83
52	Microphysical controls on the isotopic composition of wintertime orographic precipitation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7235-7253.	1.2	21
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55	A numerical study of aerosol effects on electrification of thunderstorms. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2017, 154, 236-247.	0.6	10

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