



Extreme winds in southern Argentina led to a significant dust event between November 16-18. A strong jet stream led to katabatic winds more than 20-30+ meters per second in the lee of the Andes, picking up large amounts of dust. Though the conditions leading to this event are common, the scale and magnitude in this instance were not, and led to a near-continuous, fast-moving cloud of dust which reached Buenos Aires, Argentina, and Montevideo, Uruguay – roughly 1600 km away – in less than 24 hours. The 5-day forecast from NASA’s GEOS-FP model (right figure) forecasted both winds (shading) and dust (contours) for the event close to observations (left figure).