

DEEPWAVE Collaborator Facilities, Models, special support

21 January, 2014

JAM

Collaborator facilities and participation-1

Institution/PI	Facilities	Measurements	Cost
Univ of Canterbury, Katurji	High mountain mesonet	TT,RH, WW,DD, micro pressure	
Univ of Canterbury, Baggeley	Meteor radar, ST radar	High alt winds, turbulence, all sky imager, interferometer	
NIWA, Uddstrom	3 models, sfc network, Lauder lidar, 10 high altitude Wx stations Weekly ozone sondes-Lauder	Multiple model parameters, sfc met, sounding winds and temps, ozone	Possible added pressure sensors to high elevation stations, snd expendables
NZ MetService, Kreft	Models, sfc array, aviation weather, volcanic ash, weather alerts	Multiple model parameters, sfc met obs, SIGMETS,PIREPS	

Collaborator facilities and participation-2

Institution/PI	Facilities	Measurements	Cost
NZ MetService, Kreft	Regional WRF, other models, 5 cm natl radar network, AMDAR, TAFS, local forecasts	Winds, turbulence, sounding winds, temps, flt level winds, temp, RH	Hi-res sounding data, extra sondes
DLR, Bernd Kaifler, Hans Schlager	Ground sodium lidar, rawinsonde, ECMWF grids, DLR models, Flt plan tool	Winds, turbulence, sounding winds temps	
AAD, Simon Alexander	Tasmania Rayleigh Lidar, supplemental raobs (Hobart, McQ. Is.	High level temps, clouds, sounding data	
Sam Dean, NIWA	HadGEM3	Model, GW scheme	