

Adrian Simmons and Sakari Uppala European Centre for Medium-Range Weather Forecasts

With thanks to Per Kållberg and many other colleagues from ECMWF and Partners in ERA-40





















Non-satellite	Radiosonde and pilot	
Non-Satemite	China	1957-1962
data supplied by	Raobs	1957-1967
	Countries, US Control, France, Misc	1957-1978
NCAR/NCEP for	Russia	1960-1978
	TD52	1960-1971
ERA-40	TD53	1957-1969
	TD54	1957-1968
	ON20	1962-1972
	US Navy	1966-1973
	GATE/TWERLE	1974-1976
	USAF, ON29	1973-1978
	Surface	
	TD13, TD14, USSR	1957-1973
	USAF	1967-1976
	ON124	1976-1978
	COADS	1957-1999
	USSR snow depth	1966-1990
	Automatic Antarctic	1980-1998
	Aircraft	
	Australian	1971-1978
	US Navy	1970-1978
	ON20	1962-1972
	Sadler	1960-1973
	Rean-1	1957-1961
		1973-1978
	Cloud Motion Winds	
	ON20	1967-1972
	Rean-1	1973-1978

NCAR's	DESCRIPTION	PERIOD	ERA-40
unner-air	C-CARDS Raobs	1949-1965	
datasets	CARDS 542	1946-1947	
(J. Comeaux)	China R & P	1954-1962	1957-1962
	Countries R & P	1946-1993	1957-1978
	French R & P	1948-1979	1958-1978
	GATE R & P	1974	
	Line Island	1967	
	MIT Raobs	1958-1963	1958-1963
	Navy Kunia	1966-1969	
	Navy Spot Soundings	1966-1973	1966-1973
	NCEP ADP	1973-Cont	1980-1994
	NCEP B3	1962-1972	1962-1972
	Permanent Ship	1973-1980	

NCAR's	DESCRIPTION	PERIOD	ERA-40
upper-air	Ptarmigan Drops	1950-1961	
datasets	Russian NP	1950-1991	
(J. Comeaux)	Russian Ship	1947-1990	
	Russian Upper Air	1960-1990	1960-1978
	Scherhag Raobs	1954-1962	
	South African	1961-1967	
	TD390 Raobs	1943-1962	
	TD52 Pibals	1922-1971	1957-1971
	TD53 Pibals	1919-1969	1957-1969
	TD54 Raobs	1943-1974	1957-1973
	TWERLE	1975-1976	1975-1976
	US Control	1946-Cont	1958-1978
	USAF Upper Air	1973-1980	































