

Dataset ID	Dataset Title	Dataset Volume (MB)	Curation Level	Dataset Redundancy	Alternate Trusted Repository
093.0	(CFSR) 6-hourly Products, January 1979 to December 2010	55812502.82	data-level	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
093.1	(CFSR) Selected Hourly Time-Series Products, January 1979 to December 2010	6158067.046	data-level	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
093.2	(CFSR) Monthly Products, January 1979 to December 2010	5047685.664	data-level	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
094.0	(CFSv2) 6-hourly Products	43049208.25	data-level	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
094.1	(CFSv2) Selected Hourly Time-Series Products	2958577.146	data-level	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
094.2	(CFSv2) Monthly Products	1678367.611	data-level	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
099.0	input into the NCEP Climate Forecast System Reanalysis	19855867.26	basic	Yes	<a href="https://nomads.ncdc.noaa.gov/r">https://nomads.ncdc.noaa.gov/r</a>
099.0	input into the NCEP Climate Forecast System Reanalysis	19855867.26	basic	Yes	<a href="https://nomads.ncdc.noaa.gov/r">https://nomads.ncdc.noaa.gov/r</a>
111.2	Upper Air Analyses	58789.7068	basic	Yes	<a href="https://www.ecmwf.int/en/elibr">https://www.ecmwf.int/en/elibr</a>
115.0	ERA-15 Global Surface Reanalysis	12096.8151	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
115.1	ERA-15 Global Upper Air Analyses	55253.0575	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
115.2	Fields	8216.2483	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
115.3	Analysis	40912.1178	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
115.4	ERA-15 Model Resolution Upper Air Analysis	97567.572	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
115.5	Accumulation Fields	27954.9215	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
115.6	Analysis	173595.7914	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
115.7	Air Data	2598.6212	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
117.0	ERA-40 Global Surface and Flux Data	542367.6194	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
117.1	Analysis	796852.7818	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
117.2	ERA-40 Global Upper Air Model Level Analysis	2119582.089	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
117.3	ERA-40 Isentropic Level Analysis	417327.1334	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
117.4	Vorticity Surface	33072.3877	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
117.5	ERA-40 Chemical Transport Model Results	3424831.119	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
117.6	ERA-40 Radiative Tendency Fields	2281954.007	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
117.7	ERA-40 Net Tendency Fields	2283220.746	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
117.8	Reports	2335062.171	basic	Yes	<a href="https://www.ecmwf.int/en/fore">https://www.ecmwf.int/en/fore</a>
118.0	ERA-40 2.5 Degree Surface and Flux Data	86144.9142	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
118.1	Analysis Data	351493.4586	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
119.0	Fields	20982.9909	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
119.1	Level Analysis	32725.458	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>

119.2	Level Analysis	87047.8164	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
119.3	Analysis Data	17138.952	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
119.4	Vorticity Surface Data	1358.2296	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
119.5	Covariances	222925.6134	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
120.0	and Flux Analysis Data	2864.7163	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
120.1	Air Pressure Level Analysis	14446.0001	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
121.0	ERA-40 Surface and Flux Forecast Fields	2147342.888	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
121.1	ERA-40 Pressure Level Forecasts	4346451.024	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
121.2	ERA-40 Model Level Forecasts	12739105.2	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
122.0	Forecast Data	25495.9099	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
122.1	Level Forecasts	32725.458	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
122.2	Forecasts	87047.8164	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
123.0	ERA-40 1.5 Degree Wave Model Analysis	375693.5278	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
123.1	ERA-40 1.5 degree Wave Model Forecasts	601196.9757	basic	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
124.0	Surface Forecast Fields, created at NCAR	313044.0691	data-level	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
124.1	Surfaces, created at NCAR	1093450.526	data-level	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
124.2	created at NCAR	2752577.297	data-level	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
126.0	and Surface Forecast Fields, created at NCAR	12941.903	data-level	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
126.1	Pressure Surfaces, created at NCAR	44906.2488	data-level	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
126.2	Model Levels, created at NCAR	112897.152	data-level	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
127.0	Surface Forecast Fields, created at NCAR	495296.4867	data-level	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
127.1	Surfaces, created at NCAR	1706291.375	data-level	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
127.2	created at NCAR	4283516.133	data-level	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
129.1	Pressure Surfaces, created at NCAR	14014.9267	data-level	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
131.0	Reanalysis Version 1 (1908-1958)	3657532.904	enhanced	Yes	<a href="https://www.esrl.noaa.gov/psd/">https://www.esrl.noaa.gov/psd/</a>
131.1	Reanalysis Version 2	13614052.42	enhanced	Yes	<a href="https://www.esrl.noaa.gov/psd/">https://www.esrl.noaa.gov/psd/</a>
131.2	Reanalysis Version 2c	10837077.32	enhanced	Yes	<a href="https://esgf.nccs.nasa.gov/project/">https://esgf.nccs.nasa.gov/project/</a>
131.2	Reanalysis Version 2c	10837077.32	enhanced	Yes	<a href="https://portal.nersc.gov/project/">https://portal.nersc.gov/project/</a>
131.2	Reanalysis Version 2c	10837077.32	enhanced	Yes	<a href="https://www.esrl.noaa.gov/psd/">https://www.esrl.noaa.gov/psd/</a>
132.0	(ISPDv2)	573549.8751	enhanced	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
232.2	(SCOW), by Risien et al.	258.3601	basic	Yes	<a href="http://cioss.coas.oregonstate.edu">http://cioss.coas.oregonstate.edu</a>
232.3	Wind (WASWind)	60.2719	basic	Yes	<a href="http://www.dpac.dpri.kyoto-u.ac">http://www.dpac.dpri.kyoto-u.ac</a>
252.0	(PSMSL) Observations	47.1309	basic	Yes	<a href="https://www.psmsl.org/">https://www.psmsl.org/</a>
256.0	Observations	905.0708	basic	Yes	<a href="http://www.meds-sdmm.dfo-mr">http://www.meds-sdmm.dfo-mr</a>
256.3	Wave Data Observations from Canadian Buoys	229.5194	basic	Yes	<a href="http://www.meds-sdmm.dfo-mr">http://www.meds-sdmm.dfo-mr</a>
256.4	Flux Estimates	234.1673	basic	Yes	<a href="http://uop.whoi.edu/">http://uop.whoi.edu/</a>

260.1	For Global Oceans, By Lisan Yu et al.	11646.973	basic	Yes	<a href="http://oaflux.whoi.edu/">http://oaflux.whoi.edu/</a>
260.2	CORE.2 Global Air-Sea Flux Dataset	1031.7643	basic	Yes	<a href="https://data1.gfdl.noaa.gov/nom">https://data1.gfdl.noaa.gov/nom</a>
260.3	NOCS Surface Flux Dataset v2.0	7186.9846	basic	Yes	<a href="http://noc.ac.uk/science/sustain">http://noc.ac.uk/science/sustain</a>
277.0	Surface Temperature Analysis	1698.5801	basic	Yes	<a href="https://www.emc.ncep.noaa.gov">https://www.emc.ncep.noaa.gov</a>
277.3	Temperature (HadISST)	268.7236	basic	Yes	<a href="https://www.metoffice.gov.uk/h">https://www.metoffice.gov.uk/h</a>
277.4	Pressure Dataset	34.3519	basic	Yes	<a href="https://www.metoffice.gov.uk/h">https://www.metoffice.gov.uk/h</a>
277.5	(ERSLP)	26.1667	basic	Yes	<a href="https://www.esrl.noaa.gov/psd/">https://www.esrl.noaa.gov/psd/</a>
277.6	(GODAS)	20519.6498	basic	Yes	<a href="https://www.cpc.ncep.noaa.gov/">https://www.cpc.ncep.noaa.gov/</a>
277.7	Daily Sea Surface Temperature Analysis	30912.6623	basic	Yes	<a href="https://www.ncdc.noaa.gov/oiss">https://www.ncdc.noaa.gov/oiss</a>
	Infrared Daily Sea Surface Temperature				
277.8	Analysis	34907.1983	basic	Yes	<a href="http://www.remss.com/measur">http://www.remss.com/measur</a>
277.9	Surface Temperature	315.6874	basic	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
285.0	World Ocean Database and World Ocean Atlas	386712.1764	basic	Yes	<a href="https://www.nodc.noaa.gov/abo">https://www.nodc.noaa.gov/abo</a>
285.2	(PHC)	166.2709	basic	Yes	<a href="http://psc.apl.washington.edu/n">http://psc.apl.washington.edu/n</a>
285.4	(WOCE) Global Hydrographic Climatology	1004.5916	basic	Yes	<a href="https://www.bsh.de/DE/Home/t">https://www.bsh.de/DE/Home/t</a>
285.5	RSS SMAP Sea Surface Salinity Analysis	31785.5103	basic	Yes	<a href="http://www.remss.com/mission">http://www.remss.com/mission</a>
	Archive (EECRA) from Ships and Land Stations				
292.2	Over the Globe	11660.4928	basic	Yes	<a href="https://data.ess-dive.lbl.gov/view">https://data.ess-dive.lbl.gov/view</a>
314.0	Land Surface Modeling	4524572.336	basic	Yes	<a href="http://hydrology.princeton.edu/d">http://hydrology.princeton.edu/d</a>
316.0	Project Dataset	31554910.42	enhanced	Yes	<a href="http://www.cesm.ucar.edu/expe">http://www.cesm.ucar.edu/expe</a>
316.0	Project Dataset	31554910.42	enhanced	Yes	<a href="https://www.earthsystemgrid.or">https://www.earthsystemgrid.or</a>
320.0	ECMWF TOGA COARE Analysis and Forecasts	9653.8755	basic	Yes	<a href="https://www.ecmwf.int/en/elibr">https://www.ecmwf.int/en/elibr</a>
335.0	(IDD) Gridded Model Data	163312255	basic	Yes	<a href="https://www.ecmwf.int/">https://www.ecmwf.int/</a>
335.0	(IDD) Gridded Model Data	163312255	basic	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
337.0	Weather Observations (PREPBUFR format)	1262936.253	basic	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
351.0	Weather Data, October 1999 - continuing	16167728.37	enhanced	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
351.1	Subsets	144323.1548	basic	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
352.0	Network	17745.7009	basic	Yes	<a href="http://www.oeschger.unibe.ch/r">http://www.oeschger.unibe.ch/r</a>
366.0	Observation Feedback Record Reports	407768.8915	enhanced	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
367.0	Observation Feedback Record Reports	5216.8076	enhanced	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>
461.0	Weather Data, October 1999 - continuing	2647454.315	enhanced	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
461.1	Observations	31284.6839	basic	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
463.4	Daily Station Observations (HadISD)	24709.5629	basic	Yes	<a href="https://www.metoffice.gov.uk/h">https://www.metoffice.gov.uk/h</a>
473.0	Observations	403.3454	basic	Yes	<a href="https://amrc.ssec.wisc.edu">https://amrc.ssec.wisc.edu</a>
473.5	Observations	35.0003	basic	Yes	<a href="https://cires1.colorado.edu/scier">https://cires1.colorado.edu/scier</a>
476.0	Feedback Record Reports	203186.4277	enhanced	Yes	<a href="https://apps.ecmwf.int/datasets">https://apps.ecmwf.int/datasets</a>

482.1	Australia	47.9422	basic	Yes	<a href="http://www.bom.gov.au/climate">http://www.bom.gov.au/climate</a>
484.0	The Pacific Rainfall Database (PACRAIN)	3.0444	basic	Yes	<a href="http://pacrain.ou.edu/">http://pacrain.ou.edu/</a>
496.0	Monthly Land-Surface Precipitation from Rain Gauges built on GTS based and Historic Data	3627.2816	basic	Yes	<a href="https://www.dwd.de/EN/oursen">https://www.dwd.de/EN/oursen</a>
497.0	Surface Precipitation from Rain Gauges built on GTS based and Historic Data	9846.7849	basic	Yes	<a href="https://www.dwd.de/EN/oursen">https://www.dwd.de/EN/oursen</a>
502.0	Global Precipitation Analyses	0	enhanced	Yes	<a href="https://www.cpc.ncep.noaa.gov/">https://www.cpc.ncep.noaa.gov/</a>
502.1	Global Precipitation Analyses Version 0.x	128116.3879	enhanced	Yes	<a href="ftp://ftp.cpc.ncep.noaa.gov/precip">ftp://ftp.cpc.ncep.noaa.gov/precip</a>
502.2	Morphing Technique (CMORPH) High Resolution Global Precipitation Estimates, Global Precipitation Analyses, Version 1.0	380126.1652	basic	Yes	<a href="https://www.ncei.noaa.gov/proc">https://www.ncei.noaa.gov/proc</a>
502.3	(0.25 degree, 3-hourly resolution)	316381.5936	basic	Yes	<a href="ftp://ftp.cpc.ncep.noaa.gov/precip">ftp://ftp.cpc.ncep.noaa.gov/precip</a>
505.0	Precipitation, 1900 to 2011	3135.5901	basic	Yes	<a href="https://www.ncdc.noaa.gov/cdo">https://www.ncdc.noaa.gov/cdo</a>
505.1	Precipitation Data	1216.2663	basic	Yes	<a href="https://www.ncdc.noaa.gov/cdo">https://www.ncdc.noaa.gov/cdo</a>
507.5	Gauge and Radar	152251.1703	basic	Yes	<a href="https://data.eol.ucar.edu/datase">https://data.eol.ucar.edu/datase</a>
509.0	NCDC TD3210 U.S. First Order Summary of Day	4191.388	basic	Yes	<a href="https://www.ncdc.noaa.gov/cdo">https://www.ncdc.noaa.gov/cdo</a>
511.0	Observations	1142.3661	basic	Yes	<a href="https://cdiac.ess-dive.lbl.gov/ftp">https://cdiac.ess-dive.lbl.gov/ftp</a>
530.1	FSU COAPS Research Vessel Data	200.3777	basic	Yes	<a href="http://www-legacy.coaps.fsu.edu">http://www-legacy.coaps.fsu.edu</a>
541.3	Ocean Waves	8.3385	basic	Yes	<a href="http://www.sail.msk.ru/atlas/in">http://www.sail.msk.ru/atlas/in</a>
542.3	NODC Processed CTD and STD Data	354.311	basic	Yes	<a href="https://data.nodc.noaa.gov/cgi-t">https://data.nodc.noaa.gov/cgi-t</a>
548.0	Atmosphere Data Set (ICODS) Release 3, Individual Observations	238164.605	data-level	Yes	<a href="https://www.ncei.noaa.gov/data">https://www.ncei.noaa.gov/data</a>
548.1	Atmosphere Data Set (ICODS) Release 3, Monthly Summaries	9788.8973	data-level	Yes	<a href="https://www.ncei.noaa.gov/data">https://www.ncei.noaa.gov/data</a>
564.1	Monthly Version 3 (GHCNMV3)	54.9421	basic	Yes	<a href="https://www.ncdc.noaa.gov/ghcn">https://www.ncdc.noaa.gov/ghcn</a>
570.4	Monthly Precipitation Anomalies Beginning	14.5221	basic	Yes	<a href="http://cics.umd.edu/~tsmith/rec">http://cics.umd.edu/~tsmith/rec</a>
609.0	km Analysis	597862.9778	basic	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
621.0	Experiment (OSSE) Nature Run	173769.7929	basic	Yes	<a href="https://gmao.gsfc.nasa.gov/obse">https://gmao.gsfc.nasa.gov/obse</a>
625.0	Japanese 25-year Reanalysis Project	11867676.55	data-level	Yes	<a href="https://jra.kishou.go.jp/JRA-25/i">https://jra.kishou.go.jp/JRA-25/i</a>
625.1	Means	444365.5698	data-level	Yes	<a href="https://jra.kishou.go.jp/JRA-25/i">https://jra.kishou.go.jp/JRA-25/i</a>
626.0	Reanalysis of the 20th Century)	80239390.14	data-level	Yes	<a href="http://apps.ecmwf.int/datasets/">http://apps.ecmwf.int/datasets/</a>
627.0	ERA-Interim Project	38690614.42	data-level	Yes	<a href="http://apps.ecmwf.int/datasets/">http://apps.ecmwf.int/datasets/</a>
627.1	ERA-Interim Project, Monthly Means	171518.8168	data-level	Yes	<a href="http://apps.ecmwf.int/datasets/">http://apps.ecmwf.int/datasets/</a>
627.2	Hourly Surface Analysis and Surface Forecast Time Series	1502803.038	data-level	Yes	<a href="http://apps.ecmwf.int/datasets/">http://apps.ecmwf.int/datasets/</a>
628.0	Hourly and 6-Hourly Data	88635364.81	data-level	Yes	<a href="https://jra.kishou.go.jp/JRA-55/i">https://jra.kishou.go.jp/JRA-55/i</a>

628.1	Means and Variances	1389375.186	data-level	Yes	<a href="https://jra.kishou.go.jp/JRA-55/i">https://jra.kishou.go.jp/JRA-55/i</a>
628.2	Using Conventional Data Only	16777956.17	data-level	Yes	<a href="https://jra.kishou.go.jp/JRA-55/i">https://jra.kishou.go.jp/JRA-55/i</a>
628.3	JRA-55C: Monthly Means and Variances	831910.1686	data-level	Yes	<a href="https://jra.kishou.go.jp/JRA-55/i">https://jra.kishou.go.jp/JRA-55/i</a>
628.4	AMIP-type Simulation	4092669.607	enhanced	Yes	<a href="https://jra.kishou.go.jp/JRA-55/i">https://jra.kishou.go.jp/JRA-55/i</a>
628.5	Including Diurnal Statistics	331590.46	enhanced	Yes	<a href="https://jra.kishou.go.jp/JRA-55/i">https://jra.kishou.go.jp/JRA-55/i</a>
628.6	and Monthly Climatologies, 1991-2020	246772.3724	data-level	Yes	<a href="https://jra.kishou.go.jp/JRA-55/i">https://jra.kishou.go.jp/JRA-55/i</a>
628.8	Real-Time Data	2030981.743	enhanced	Yes	<a href="https://jra.kishou.go.jp/JRA-55/i">https://jra.kishou.go.jp/JRA-55/i</a>
628.9	Real-Time Data -- Monthly Means and Variances	40429.2801	enhanced	Yes	<a href="https://jra.kishou.go.jp/JRA-55/i">https://jra.kishou.go.jp/JRA-55/i</a>
630.0	ERA5 Reanalysis	-0.0204	data-level	Yes	<a href="https://climate.copernicus.eu/pr">https://climate.copernicus.eu/pr</a>
630.1	ERA5 Reanalysis Monthly Means	5048508.233	data-level	Yes	<a href="https://climate.copernicus.eu/pr">https://climate.copernicus.eu/pr</a>
633.0	Longitude Grid)	910650095.6	data-level	Yes	<a href="https://cds.climate.copernicus.eu">https://cds.climate.copernicus.eu</a>
633.1	Latitude-Longitude Grid)	1250569.696	data-level	Yes	<a href="https://cds.climate.copernicus.eu">https://cds.climate.copernicus.eu</a>
633.2	Temperature 2000-2006	175537470.5	data-level	Yes	<a href="https://www.ecmwf.int/en/fore">https://www.ecmwf.int/en/fore</a>
633.4	version)	611195417.7	data-level	Yes	<a href="https://cds.climate.copernicus.eu">https://cds.climate.copernicus.eu</a>
633.5	(Preliminary version)	842995.9605	data-level	Yes	<a href="https://cds.climate.copernicus.eu">https://cds.climate.copernicus.eu</a>
645.0	(LEIA) for Ocean Biogeochemistry	311527.4703	basic	Yes	<a href="http://shadow.eas.gatech.edu/~l">http://shadow.eas.gatech.edu/~l</a>
650.0	Standard Deviations	1607678.185	basic	Yes	<a href="http://www.atmos.umd.edu/~oc">http://www.atmos.umd.edu/~oc</a>
701.5	Microwave Sounding Unit	259.7519	basic	Yes	<a href="https://www.esrl.noaa.gov/psd/">https://www.esrl.noaa.gov/psd/</a>
702.0	Climate Dataset	25578.9711	basic	Yes	<a href="http://www.class.noaa.gov/">http://www.class.noaa.gov/</a>
710.5	1979Apr-1985Mar	799.7894	basic	Yes	<a href="https://acdisc.gesdisc.eosdis.nas">https://acdisc.gesdisc.eosdis.nas</a>
722.0	GEWEX NASA Water Vapor Project (NVAP)	39.6054	basic	Yes	<a href="https://eosweb.larc.nasa.gov/pr">https://eosweb.larc.nasa.gov/pr</a>
723.0	Data	2132729.172	basic	Yes	<a href="https://cdaac-www.cosmic.ucar">https://cdaac-www.cosmic.ucar</a>
728.0	Set	26.0403	basic	Yes	<a href="https://precip.gsfc.nasa.gov/">https://precip.gsfc.nasa.gov/</a>
728.1	CPC Merged Analysis of Precipitation (CMAP)	-1315.1371	basic	Yes	<a href="https://www.cpc.ncep.noaa.gov/">https://www.cpc.ncep.noaa.gov/</a>
728.1	CPC Merged Analysis of Precipitation (CMAP)	-1315.1371	basic	Yes	<a href="https://www.esrl.noaa.gov/psd/">https://www.esrl.noaa.gov/psd/</a>
728.2	Set	0	basic	Yes	<a href="https://www.ncdc.noaa.gov/cdr/">https://www.ncdc.noaa.gov/cdr/</a>
728.3	Precipitation Data Set	0	basic	Yes	<a href="https://www.ncdc.noaa.gov/cdr/">https://www.ncdc.noaa.gov/cdr/</a>
728.4	GPCP Version 2.3 Monthly Analysis Product	0	basic	Yes	<a href="https://www.ncdc.noaa.gov/cdr/">https://www.ncdc.noaa.gov/cdr/</a>
728.5	Precipitation Data Set	0	basic	Yes	<a href="https://www.ncdc.noaa.gov/cdr/">https://www.ncdc.noaa.gov/cdr/</a>
728.6	(GPCP) Climate Data Record (CDR), Version 2.3 (Monthly)	58.0396	basic	Yes	<a href="https://www.ncei.noaa.gov/proc">https://www.ncei.noaa.gov/proc</a>
728.7	(GPCP) Climate Data Record (CDR), Version 1.3 (Daily)	2683.0862	basic	Yes	<a href="https://www.ncei.noaa.gov/proc">https://www.ncei.noaa.gov/proc</a>
729.0	SSM/I Derived Monthly Rainfall Indices	2.2692	basic	Yes	<a href="https://disc.gsfc.nasa.gov/datas">https://disc.gsfc.nasa.gov/datas</a>
730.0	Earth Radiation Budget Estimates	30.7446	basic	Yes	<a href="https://eosweb.larc.nasa.gov/pr">https://eosweb.larc.nasa.gov/pr</a>

732.0	Earth Radiation Budget Experiment (ERBE)	365.7423	basic	Yes	<a href="https://science.larc.nasa.gov/ert">https://science.larc.nasa.gov/ert</a>
733.0	MATRIX Data	605.4413	basic	Yes	<a href="https://eosweb.larc.nasa.gov/">https://eosweb.larc.nasa.gov/</a>
735.0	NCEP GDAS Satellite Data 2004-continuing	23285796.04	basic	Yes	<a href="https://www.ncdc.noaa.gov/data">https://www.ncdc.noaa.gov/data</a>
742.0	Project (ISCCP) C1, 1983-1987	1.2608	basic	Yes	<a href="https://isccp.giss.nasa.gov/">https://isccp.giss.nasa.gov/</a>
742.1	Project (ISCCP) C2, 1983-1991	0.8556	basic	Yes	<a href="https://isccp.giss.nasa.gov/">https://isccp.giss.nasa.gov/</a>
742.3	Project (ISCCP) B3, 1987-1988	12157.9411	basic	Yes	<a href="https://isccp.giss.nasa.gov/">https://isccp.giss.nasa.gov/</a>
742.5	Project (ISCCP) D1	2.0359	basic	Yes	<a href="https://isccp.giss.nasa.gov/">https://isccp.giss.nasa.gov/</a>
742.6	Project (ISCCP) D2	1.5372	basic	Yes	<a href="https://isccp.giss.nasa.gov/">https://isccp.giss.nasa.gov/</a>
744.2	Ocean Winds, Version 3.0	135194.7254	basic	Yes	<a href="https://podaac-www.jpl.nasa.gov/">https://podaac-www.jpl.nasa.gov/</a>
744.3	Winds from Remote Sensing Systems	55567.3984	basic	Yes	<a href="http://www.remss.com/mission">http://www.remss.com/mission</a>
744.9	Wind Velocity, 1987 - ongoing	137194.4367	basic	Yes	<a href="https://podaac-www.jpl.nasa.gov/">https://podaac-www.jpl.nasa.gov/</a>
745.1	Wind Vector Analysis Product V2, 1987 - ongoing	457798.7218	basic	Yes	<a href="http://www.remss.com/measur">http://www.remss.com/measur</a>
758.0	GTOPO30	290.8606	basic	Yes	<a href="https://www.usgs.gov/">https://www.usgs.gov/</a>
759.3	and Land Elevation from the US National Geophysical Data Center (NGDC)	689.5	basic	Yes	<a href="https://www.ngdc.noaa.gov/mg">https://www.ngdc.noaa.gov/mg</a>
759.4	and Land Elevation from the US National Geophysical Data Center (NGDC)	10159.4266	basic	Yes	<a href="https://www.ngdc.noaa.gov/mg">https://www.ngdc.noaa.gov/mg</a>
885.1	Temperature-Precipitation-Drought Index, 1895 to 1993	19.4119	basic	Yes	<a href="https://data.nodc.noaa.gov/cgi-t">https://data.nodc.noaa.gov/cgi-t</a>
083.0	Tropospheric Analyses, April 1997 through	9791.7579	basic	Yes	<a href="https://www.ncei.noaa.gov/proc">https://www.ncei.noaa.gov/proc</a>
083.1	Analyses	987.9649	basic	Yes	<a href="https://www.ncei.noaa.gov/proc">https://www.ncei.noaa.gov/proc</a>
083.2	Tropospheric Analyses, continuing from July	670474.9149	basic	Yes	<a href="https://www.ncei.noaa.gov/proc">https://www.ncei.noaa.gov/proc</a>
083.3	Tropospheric Analyses and Forecast Grids	11474225.78	basic	Yes	<a href="https://www.ncei.noaa.gov/proc">https://www.ncei.noaa.gov/proc</a>
084.1	Historical Archive	297674196.1	basic	Yes	<a href="https://www.ncei.noaa.gov/proc">https://www.ncei.noaa.gov/proc</a>
084.3	Auxiliary Grids Historical Archive	190406174.9	basic	Yes	<a href="https://www.ncei.noaa.gov/proc">https://www.ncei.noaa.gov/proc</a>
084.6	and Forecasts	28098328.96	data-level	Yes	<a href="https://www.ncei.noaa.gov/proc">https://www.ncei.noaa.gov/proc</a>
091.0	NCEP/DOE Reanalysis 2 (R2)	1198448.082	basic	Yes	<a href="https://www.ncei.noaa.gov/proc">https://www.ncei.noaa.gov/proc</a>
091.1	NCEP/DOE Reanalysis 2 Monthly Means	1873.3158	basic	Yes	<a href="https://www.ncei.noaa.gov/proc">https://www.ncei.noaa.gov/proc</a>
113.0	in 2011	21421754.43	data-level	Yes	<a href="https://www.ecmwf.int/en/fore">https://www.ecmwf.int/en/fore</a>
113.1	Operational Forecasts	167591635.2	data-level	Yes	<a href="https://www.ecmwf.int/en/fore">https://www.ecmwf.int/en/fore</a>
131.3	Reanalysis Version 3	105080517.7	enhanced	Yes	<a href="https://psl.noaa.gov/data/20thC">https://psl.noaa.gov/data/20thC</a>
132.2	version 4	887771.3038	enhanced	Yes	<a href="https://psl.noaa.gov/data/20thC">https://psl.noaa.gov/data/20thC</a>
317.1	Version 3 Output	786330.9966	basic	Yes	<a href="https://www.metoffice.gov.uk/r">https://www.metoffice.gov.uk/r</a>
629.0	Tropical Convection) Project	32552420.17	data-level	Yes	<a href="https://www.ecmwf.int/en/fore">https://www.ecmwf.int/en/fore</a>

629.1	Tropical Convection) Project, Single Parameter 6-Hourly Surface Analysis and Surface Forecast Time Series, Transformed to a Regular 1600	1076099.045	data-level	Yes	<a href="https://www.ecmwf.int/en/fore">https://www.ecmwf.int/en/fore</a>
629.2	Tropical Convection) Project, Single Parameter 6-Hourly Pressure Level Analysis Time Series, Transformed to a Regular 1600 by 800 (N400)	2055766.724	data-level	Yes	<a href="https://www.ecmwf.int/en/fore">https://www.ecmwf.int/en/fore</a>
629.3	Tropical Convection) Project, Single Parameter 6-Hourly Pressure Level Forecast Time Series, Transformed to a Regular 1600 by 800 (N400)	8219554.632	data-level	Yes	<a href="https://www.ecmwf.int/en/fore">https://www.ecmwf.int/en/fore</a>
629.4	Tropical Convection) Project, Single Parameter 6-Hourly Model Level Analysis Time Series, Transformed to a Regular 1600 by 800 (N400)	7159584.734	data-level	Yes	<a href="https://www.ecmwf.int/en/fore">https://www.ecmwf.int/en/fore</a>
629.5	Tropical Convection) Project, Single Parameter 3-Hourly Surface Forecast Time Series, Transformed to a Regular 1600 by 800 (N400)	1521266.666	data-level	Yes	<a href="https://www.ecmwf.int/en/fore">https://www.ecmwf.int/en/fore</a>
629.6	Tropical Convection) Project, Single Parameter 3-Hourly Pressure Level Forecast Time Series, Transformed to a Regular 1600 by 800 (N400)	2985085.928	data-level	Yes	<a href="https://www.ecmwf.int/en/fore">https://www.ecmwf.int/en/fore</a>
010.0	Grids, continuing from 1899	139.6408	basic	No	
010.1	Pressure Grids, continuing from 1899	3.029	enhanced	No	
012.0	Pressure Grids for 1880 to 1979	42.6885	basic	No	
018.0	Monthly) Sea-Level Pressure and 500 Millibar Height Grids for 1946Jan to 1993Dec	254.7948	basic	No	
018.1	Level Pressure Grids and 500mb Height Grids for 1944Dec to	326.5618	basic	No	
020.1	1946Dec	3.4284	basic	No	
036.0	and Cloud Analyses	106.3281	basic	No	
038.0	Analyses for the Globe	41175.0764	basic	No	
060.0	Hemisphere Tropospheric Analyses, daily 1959- 1972	422.7154	basic	No	
061.0	Stratospheric Analyses, daily 1964-1980	215.4414	basic	No	
061.1	1986	245.0939	basic	No	
062.0	Sporadically Between November 1967 and December 1971	59.8963	basic	No	
063.0	for 1963 August to 1972 December	347.1073	basic	No	

	NMC B3 Northern Hemisphere Vertical Motion		
065.0	Analyses for October 1958 to December 1972	57.1965 basic	No
066.0	Analyses for 1973 January to 1997 March	15223.8126 basic	No
067.0	TOVS	1700.0899 basic	No
067.1	Analyses	5809.6271 basic	No
067.3	ATOVS	1249.634 basic	No
067.4	Mesospheric Analyses	693.547 basic	No
067.6	Temperature Fields	378.9906 basic	No
068.0	Model Analyses	12830.0621 basic	No
069.0	Analyses	15621.1062 basic	No
069.5	NMC NGM North America Analyses	11720.9539 basic	No
070.0	FSL MAPS Analysis Products, 40 km, 3-hourly	940682.1304 basic	No
075.0	NMC Tropical Analyses, daily 1968-1985	643.3956 basic	No
080.0	November 1972 to September 1974	1219.6291 basic	No
081.0	December 1974 to June 1976	78.389 basic	No
082.0	Tropospheric Analyses, July 1976 to April 1997	17669.6872 basic	No
082.2	tropopause subset	610.5784 basic	No
084.0	January 1990 to February 1999	42714.3905 basic	No
	September 1990 to February 1999 (from		
084.2	Kistler)	84708.1111 basic	No
084.4	NCEP GDAS/FNL Global Surface Flux Grids	8309025.611 basic	No
084.5	1999Feb	7193.8515 basic	No
085.0	Analyses	268.116 basic	No
085.1	Tropospheric Analyses, continuing from April	137.5526 basic	No
085.2	Tropospheric Analyses for 1946-1972	5.8819 basic	No
086.0	to September 1994	1881.0716 basic	No
	Hemisphere Stratospheric Analyses, October		
087.0	1978 to December 1988	90.5175 basic	No
090.0	continuing	3969298.97 basic	No
090.1	Products	212068.1023 basic	No
090.2	(from DS090.0), 1948-continuing	49799.2904 basic	No
100.0	Pressure Grids for 1951 to 1958	6.2177 basic	No
	Level Pressure and 500 Millibar Height Grids		
102.0	for 1957 June to 1958 December	4.3868 basic	No
	Level Pressure Grids for 1974 August to 1983		
104.0	June	98.2426 basic	No



106.0	1957Jun-1958	3.326	basic	No
107.0	Tropospheric Analyses, daily from August 1977 to March 1981	1148.0596	basic	No
108.0	Analyses, daily from April 1972 to December 1992	2366.1855	basic	No
108.3	Heights, June 1968 to August 1977	0	basic	No
109.0	1957Jun-1978Feb	7.8971	basic	No
110.0	ECMWF WMO Global Tropospheric Analysis	7130.0486	basic	No
110.1	monthly, by Trenberth et al.	537.1481	basic	No
110.3	Tropospheric Long Term Monthly Mean	647.5284	basic	No
111.0	Spectral Analysis, daily 1985-2010	457335.5405	basic	No
111.1	Surface Analysis, daily 1985-2010	119328.9664	basic	No
111.3	1985-2010	45676.7811	basic	No
111.4	Analyses, July 1990 to June 1991	3287.4268	basic	No
111.5	monthly from January 1985 to the present (DSS built)	1058.1293	basic	No
111.6	2010	8407.552	basic	No
112.0	Analyses, 1880-1985	402.4326	basic	No
132.1	version 3	826333.6547	basic	No
188.0	Stratospheric Analyses, 1964-1996	76.0381	basic	No
190.0	Stratospheric Analyses, weekly for January, April, July, and October 1964 to 1966	15.7204	basic	No
190.3	Analyses from Rocketsonde and Satellite Radiation Data	13.6602	basic	No
191.0	Hemisphere Stratospheric Analyses	1.323	basic	No
193.0	Temperature Datasets	1526930.226	basic	No
195.0	Tropospheric Analyses	4385.8033	basic	No
195.1	Series Tropospheric Analyses, continuing from 1946	3703.8638	basic	No
195.2	Time Series in GRIB Format, 1946-1999	3904.4008	basic	No
195.5	Analyses, 1946-1994Dec	591.8433	data-level	No
197.0	Upper-Level Coupling in CERA-20C	5048.4645	basic	No
197.9	Historical Experiment	718.0069	basic	No
198.0	The GLACE Hydrology Experiment	393837.0174	basic	No
199.1	from a CAM reanalysis	1521722.949	basic	No
200.0	Hemisphere	28.6556	basic	No

201.0	monthly 1973-1982	9.5496	basic	No
205.0	Northern Hemisphere Climatological Grid Data	-0.4622	basic	No
206.0	and Mid-Latitudes	19.4929	basic	No
207.0	and October	0.9139	basic	No
208.0	Aircraft Data, 1960-1973	1.1141	basic	No
208.1	Analyses, monthly 1966-1973	2.064	basic	No
209.0	Global Ocean Heat Flux and Wind Stress	8.8474	basic	No
209.1	Budget	23.2858	basic	No
209.2	Ocean	6.0956	basic	No
209.3	Heat Budget	0.6462	basic	No
210.1	Stratospheric Analyses, July 1974 to September 1996	5.0381	basic	No
213.0	Temperature Anomalies, Monthly 1891-1972	0.897	basic	No
213.1	Temperature Analyses, Monthly 1891-1981	9.9453	basic	No
215.0	Anomalies (1856-2005), Precipitation (1900- 1998), and Sea Level Pressure (1873-2000) from the University of East Anglia Climatic	296.4152	basic	No
217.0	Bram Oort, monthly May 1958 to April 1973	3051.1799	basic	No
217.1	1989	3339.8987	enhanced	No
218.0	Diagnostics Data Base	194.8551	enhanced	No
218.1	Diagnostics Data Base	32.2964	enhanced	No
219.0	Climate Analyses, March 1979 to February	547.7951	basic	No
220.0	Aloft	5.5071	enhanced	No
222.0	Monthly Arctic Surface Temperature Analyses	0.7209	basic	No
228.0	Precipitation Climatology	16.5876	basic	No
231.0	Wind Stress	1.8737	basic	No
232.0	Hellerman et al.	3.1392	basic	No
232.1	Curl, by Harrison et al.	56.6294	basic	No
233.0	Concentration Grids	31.061	basic	No
233.5	Arctic Sea Ice Thickness Climatology	5.1717	basic	No
234.0	Antarctic Monthly Sea-Ice Area Analyses	0.0778	basic	No
235.0	Precipitation Grids from the U.S.S.R.	1.8147	enhanced	No
236.0	Climatologies, by Willmott et al.	50.1146	basic	No
237.0	Terrestrial Water Budget Data Archive	35.3596	enhanced	No
238.0	Global Land Monthly Precipitation Analyses	86.4297	basic	No
239.0	Precipitation Analyses	9.9779	basic	No

240.0	Surface Temperature Analyses, daily November 1961 to December 1993	165.4743	basic	No
240.1	Analyses, daily September 1969 to December 1993	1390.0759	basic	No
240.5	Surface Temperature Analyses, daily August 1974 to January 1983	46.4814	basic	No
240.6	Tropospheric Analyses, daily August 1974 to December 1993	1626.2963	basic	No
250.0	Pacific Sea Level Height Station Observations	100.8311	basic	No
251.0	(EPOCS) Analyses	93.9418	basic	No
253.0	Observations, from CDIAC	2.1135	basic	No
254.0	Upper Layer	125.7831	basic	No
255.0	NODC EPOCS Drifting Buoy Observations	10.7251	basic	No
256.1	Moored Buoy Observations	437.4868	basic	No
256.2	Argos Buoys	644.8382	basic	No
257.0	Temperature and Salinity Observations	11.3108	basic	No
258.0	Temperature and Salinity Observations	3.0519	basic	No
258.1	Woods Hole Lightship Data	7.2806	basic	No
258.2	Stations	28.9485	basic	No
258.3	Baltic Sea Marine Surface Observations	36.71	basic	No
258.4	observations, 1854-1961	808.1302	basic	No
259.0	Ocean Mixed Layer	45.8005	basic	No
260.0	Anomaly and Heat Storage, by White	120.563	basic	No
260.4	Oceanographic System (SAMOS) Air-Sea	4932.8012	basic	No
262.0	- Phase II output for Eastern Equatorial Indian Ocean and Western Indonesia	2579708.312	basic	No
267.0	Temperatures	200068.296	basic	No
270.0	Ice Climatology	1.7408	basic	No
270.2	Analyses, by Oort and Yi	6.656	basic	No
271.0	Tropical Marine Climatic Atlas, by Sadler	535.3467	basic	No
272.0	Barometric Pressure, January 1946 to May	2.007	basic	No
273.0	Analyses	20.1786	enhanced	No
274.0	Monthly Pacific Ocean Sea Temperature	31.5701	basic	No
275.0	Analysis	2.4442	basic	No
276.0	Analyses	3.9864	basic	No
277.1	Analyses	1263.3907	basic	No

277.2	the Hadley Centre for Climate Prediction and Research	0	basic	No
278.0	Global temperature and salinity climatology	31.6107	basic	No
279.0	Global Oceanographic Data Set Atlas	39.0297	basic	No
279.1	Observations and Monthly Analyses	14.4179	basic	No
280.0	Surface Currents	0.1433	basic	No
281.0	Pilot Chart Summary Data	153.3559	basic	No
283.0	Temperature Analyses, monthly 1880-1987	46.7681	basic	No
285.1	Analyses, by Gordon and Molinelli	25.2355	basic	No
285.3	Subsurface Temperature And Salinity Analyses	16742.9492	basic	No
286.0	Atlantic, by Fukumori	18.047	basic	No
287.0	Analyses	1401.8759	basic	No
287.1	Output	971136.17	basic	No
289.0	Surface Temperature Climatology	2.7554	basic	No
289.1	(GOSTA), and Land Surface Atlas	125.135	basic	No
289.2	and Climatology	17.111	basic	No
290.0	DSS sets)	22.9745	basic	No
292.0	from Surface Observations	92.8481	basic	No
292.1	from Surface Observations: The Total Cloud Edition	8442.9184	basic	No
292.3	Cloudiness Estimates	8.8407	basic	No
298.0	Global Land Surface (1949-2012)	597.2102	basic	No
299.0	(PDSI)	265.9591	basic	No
300.0	real-time ensemble prediction system	74682242.14	enhanced	No
301.0	at different sea surface temperatures	2561264.138	basic	No
302.0	summers 1967 and 1972	3.1411	basic	No
302.1	and 200mb Wind	10.1294	basic	No
302.2	Wind Analyses	2.4266	basic	No
302.3	Analyses, monthly 1965-1974	47.0303	basic	No
302.4	Precipitation Analyses for the MONEX Region	6.8544	basic	No
302.5	FSU FGGE IIIb Omega Analyses	414.1094	basic	No
304.0	Stratospheric Analyses, some 1974May-	273.0565	basic	No
307.0	degree) 1978Dec-1979Nov	3081.814	basic	No
307.3	1 and 2, 1979	3773.7472	basic	No
307.5	degree), December 1978 to November 1979	582.5085	basic	No
307.7	spring 1982	783.061	basic	No

307.9	Tendency Analyses, daily 1979	1169.9101	basic	No
308.0	1978Dec-1979Nov	6265.1761	basic	No
309.0	1979	11046.5925	basic	No
310.0	GATE Analyses by Ooyama, Chu, and Esbensen	394.6492	basic	No
312.0	NMC FGGE Benchmark Analyses	2023.2315	basic	No
313.0	GEOS5 Global Atmosphere Forcing Data	37618829.47	basic	No
313.2	Applications	3885424.196	basic	No
313.3	MERRA2 Global Atmosphere Forcing Data	72550999.3	basic	No
313.6	(WACCM) Model Output with Chemistry (CAM-chem) Outputs as Boundary Conditions	8365468.648	basic	No
313.7		35259655.68	basic	No
314.1	Data (WFD) - 20th Century	1383547.056	basic	No
314.2	The WFDEI Meteorological Forcing Data	808164.0872	basic	No
314.3	Data for the Community Land Model	1237840.946	basic	No
315.0	Snow Cover	16.2243	enhanced	No
316.1	Output to Support WRF/MPAS Research	16596579.7	basic	No
318.0	EPA Carbon Dioxide Studies	175.9191	basic	No
318.1	Dioxide Studies	5157.1889	basic	No
318.2	Carbon Dioxide Studies	150.8813	basic	No
318.3	Carbon Dioxide Studies	2980.6277	basic	No
318.4	Dioxide Studies	793.076	basic	No
318.5	Products for Carbon Dioxide Studies	3.2102	basic	No
318.6	Dioxide Studies	4.009	basic	No
319.1	generation Global Coupled Model at the Canadian Centre for Climate Modelling and Kingdom's Hadley Centre for Climate Prediction and Research (HCCPR)	48390.4128	basic	No
319.2		2734.9688	basic	No
319.3	Deutches Klimarechenzentrum	6610.5672	basic	No
330.3	(TIGGE) Model Tropical Cyclone Track Data	377701.0407	basic	No
336.0	(IDD) Global Observational Data	7686451.678	basic	No
340.0	Chem) Forecast Output over CONUS	19624437.18	basic	No
342.0	NCAR/MOPITT Reanalysis	47895.5886	basic	No
345.0	(DART) Reanalysis	120007561.2	basic	No
353.0	daily March 1962 to December 1972	5290.7622	data-level	No
353.2	Observations for GATE, 1974 June to	550.1829	basic	No
353.3	NMC DST II Data for GARP, 1974May-1976May	628.7542	basic	No

353.4	Observations, December 1972 - February 2007	195224.9441	enhanced	No
354.0	Observations for FGGE	6055.0527	basic	No
355.0	1966Jul-1969Aug	1131.1759	basic	No
358.0	for 1950-1961	2.986	basic	No
359.0	1992May-continuing	12622.8029	basic	No
359.5	continuing from August 1985	2115.5012	basic	No
360.0	Observations, 1947-1985	1259.7761	basic	No
361.0	1971Dec-1989	507.8013	basic	No
362.0	New Zealand Aircraft Data	121.2989	basic	No
365.0	1960-1973	78.0698	basic	No
368.0	Program) Aircraft Observations, 1975Mar-1979Jul	0	basic	No
370.1	NCAR Upper Air Database, 1920-ongoing	142021.3703	basic	No
381.0	ALPEX Aircraft Observations, Spring 1982	903.7251	basic	No
383.0	from May to September 1969	1.0977	basic	No
386.0	Surface Pressure Observations Sampled at 1 Hz Frequency	115149.3284	basic	No
387.0	AmeriFlux Gap-Filled Data from Selected Sites	478.1157	basic	No
388.0	Observations, June to September 1974	72.0527	basic	No
388.1	Data, 1974jun-1974sep	866.5774	basic	No
389.0	Portable Automated Mesonet Observations	1176.5626	basic	No
390.0	daily from 1948	7127.8758	basic	No
390.1	Observations, daily from 1948	4298.5431	basic	No
390.4	daily 1948-1965	15.1839	basic	No
390.5	1943Jan-1974Dec	999.0267	basic	No
390.6	Surface Observations, 1973-1980	2213.625	basic	No
391.0	continuing	270.807	basic	No
392.0	Temperature Profiles, monthly 1953-1988	0.0614	basic	No
394.0	Observations, 1958-1991	27.0254	basic	No
394.1	January 1950-November 1986	30.1548	basic	No
398.0	M.I.T. Radiosondes, daily 1958May-1963Apr	702.6647	basic	No
400.0	1968-1977Mar	63.6928	basic	No
401.0	(Galapagos), December 1990-December 1998	3.623	basic	No
402.0	U.S.S.R. Radiosonde Observations, 1961-1970	28.0658	basic	No
402.2	Observations	30.3839	basic	No
403.0	Observations, 1961-1997	1068.2651	basic	No

430.0	Radiosonde Observations, 1950-continuing	183.4705	basic	No
431.0	Data by Bram Oort.	657.68	basic	No
435.0	NCEP/NCAR Global Reanalysis, 1948-	1651.3434	basic	No
460.0	U.S.A.F. ETAC TD9600 Surface Observations	159.9396	basic	No
462.0	1967Dec	36.991	basic	No
462.1	1975Apr-May	97.194	basic	No
463.0	(from USAF DATSAV), hourly 1967-1980	35782.8696	basic	No
463.1	1981	8498.3516	basic	No
463.2	continuing	335209.6284	basic	No
463.3	NCDC TD3505 Integrated Surface Hourly Data	503594.6144	basic	No
464.0	Observations, February 1975 - February 2007	30896.1424	enhanced	No
464.1	NMC ADP Global Surface Observations Subsets	55.6532	enhanced	No
465.1	Observations, daily 1971-1996	34919.4299	basic	No
466.0	1965-1972	0.5347	basic	No
467.0	1901-1973	36813.2387	basic	No
469.0	1976dec, 95 stations	36.524	basic	No
470.0	Observations	12128.1082	basic	No
471.0	Data for the Contiguous United States	19339.4074	basic	No
472.0	Observations	100252.1955	basic	No
474.0	Data, from NSIDC	10.6252	basic	No
475.0	Synoptic Observations 1936-1983	2711.8771	basic	No
480.0	India Precipitation, daily monthly 1901-1970	481.5176	basic	No
480.1	India Precipitation, daily 1975-1984	16.6396	basic	No
481.0	Indian Weekly Regional Rainfall Data	0.1638	basic	No
482.0	January 1832 to February 1983	438.1358	basic	No
483.0	Monthly Surface Observations	24.8463	basic	No
485.0	Temperature, 1951-1991	27.8823	basic	No
486.0	1980	151.4306	data-level	No
487.0	1973	1682.5303	basic	No
488.0	Island Russian Arctic Stations, 1940-1990	16.938	basic	No
489.0	Arctic, 1961-2000	7.6698	basic	No
490.0	Hourly Pressure Observations	5.7997	basic	No
491.0	Observations, hourly 1948-1972	31.9857	basic	No
495.0	Observations	0	basic	No
501.0	Precipitation Weather Data for January 1897 to December 1977	0.7741	basic	No

501.5	1969	22.9325	basic	No
503.0	Observations, 1952-1976	878.2643	basic	No
504.0	Solar and Surface Observations	328.6467	basic	No
506.0	Database Modernization Program (CDMP)	3113.4797	basic	No
507.0	the United States	808.2355	basic	No
508.0	States and Territories	441.7297	basic	No
510.0	Stations from NCDC TD3200	33033.8655	basic	No
510.2	1898-1975	60.888	basic	No
510.4	1979	547.7369	basic	No
510.5	U.S. Snowfall Trends	573.2286	basic	No
	and Precipitation for Long Term Stations from			
510.6	the U.S. COOP Data	1297.2554	basic	No
512.0	Observations	12412.1579	basic	No
513.0	Analyses, daily 1979-1989Jun	104.8658	basic	No
514.0	1979	19.0218	basic	No
515.0	1974	1.5253	basic	No
516.0	Canada Summary of Day, 1890-1979	1057.2513	basic	No
516.1	1840-1991	1151.828	basic	No
516.2	Canada Summary of Day, 1840-1991	3430.2484	basic	No
517.0	monthly, 1904-1983	150.7308	basic	No
517.1	Suriname Daily Rainfall	1.5156	basic	No
518.0	Japan Summary of Day, 1951-1989	31.7768	basic	No
520.0	Tapes	34.7013	basic	No
520.1	1978	7.4424	basic	No
521.0	Station Data	89.255	basic	No
522.0	Long-Period U.S. and Canadian Stations	228.3321	basic	No
523.0	Observations	2118.4271	enhanced	No
524.0	Russian Summary of Day, 1881-1989	192.8806	basic	No
526.0	Daily Gridded North American Snowfall	1511.3619	enhanced	No
528.0	Summaries	85.2746	basic	No
530.0	ICOADS Auxiliary and Future Datasets	23039.3675	basic	No
531.0	Data	0	basic	No
533.0	observations from Russia	7143.4483	basic	No
	actinometric observations from Russian			
533.1	Research Vessels	1150.7086	basic	No
535.0	Ocean Station Vessel Observations	683.2348	basic	No



539.0	Collection	945.3083	basic	No
539.1	Norwegian Marine Surface Data	19.0263	basic	No
539.5	ICOADS Input Data Sources	5457.4175	data-level	No
539.6	OldWeather3 Marine Data for ICOADS Input Atmosphere Data Set (ICOADS) Release 2.5,	75.081	basic	No
540.0	Individual Observations Atmosphere Data Set (ICOADS) Release 2.5,	224758.7948	data-level	No
540.1	Monthly Summaries	11841.5355	data-level	No
540.6	Surface Data from NCDC and NOCS	41742.4334	basic	No
540.7	VOSCLIM Met Office GTS data	3.1662	basic	No
540.8	for Environmental Prediction.	25597.1583	basic	No
540.9	freshwater flux, climatology, by Josey et al. Fields of Mean Wind, Cloudiness and Humidity	34.2163	basic	No
541.0	at the Surface of the Global Ocean	231.5385	basic	No
541.1	monthly, by Da Silva and Young	3044.081	basic	No
541.2	Characteristics, by Petty	0.629	basic	No
541.4	Ship data digitized in China, GODAR project	52.6029	basic	No
542.0	Bathythermograph Data	310.4448	basic	No
542.1	Bathythermograph Data	366.9907	basic	No
542.2	NODC Oceanographic Station Data	3237.2772	basic	No
542.4	Bathythermograph (SBT) Data	122.1235	basic	No
543.0	Profiles	26.5332	basic	No
544.0	in the Ocean data.	0.5857	basic	No
545.0	Core Ring 1982-B	21.0013	basic	No
545.1	Survey - Fall 1988	8.0501	basic	No
546.0	Woods Hole Position Lotus Current Meter	149.5822	basic	No
548.2	Database (IVAD)	21753.683	enhanced	No
550.0	conterminous United States	62.9733	basic	No
551.0	Continental Discharge Dataset	25.5815	basic	No
552.0	former Soviet Union)	4.0336	basic	No
552.1	Rivers (except former Soviet Union)	41.9147	basic	No
553.1	Russian River Flow Data by Bodo	2.5232	basic	No
553.2	Russian River Flow Data by Bodo, Enhanced	0.0006	basic	No
554.0	Monthly Canadian River Flow Data	14.6022	basic	No
556.0	Global Monthly Streamflow Time Series	13.0867	basic	No
560.0	Month	1608.7496	basic	No

564.0	Version 2 Temperature, Precipitation, Pressure	234.897	basic	No
565.0	Temperature and Precipitation, 1880-1994	540.4918	basic	No
565.1	1891-1984	6.1173	basic	No
569.0	Precipitation	31.4231	basic	No
570.0	World Monthly Surface Station Climatology	62.9064	basic	No
570.1	World Weather Records, 1961-1990	26.7247	basic	No
570.2	Climatology	6.4781	basic	No
570.3	Precipitation, monthly 1981-1983	0.0246	basic	No
571.0	1984	34.1801	basic	No
572.0	Precipitation	12.4518	basic	No
573.0	CAC Monthly Pacific Island Precipitation	4.3373	basic	No
574.0	Sequential Data	166.5981	basic	No
575.0	India Monthly Station Precipitation, 1901-1970	123.7515	basic	No
576.0	Precipitation	566.6881	basic	No
577.5	For 622 Stations 1891-1999	10.4243	basic	No
578.0	1980	2.2446	basic	No
578.1	Temperature, 1951-2000	1.2693	basic	No
578.2	Temperature	2.601	basic	No
578.3	Temperature and Precipitation, 1965-1975, for 89 stations	1.5278	basic	No
578.5	Bases of the People's Republic of China	8.542	basic	No
579.0	1983	0	basic	No
580.0	ASEAN Climatic Atlas Project Data	43.1636	basic	No
582.0	Observations, monthly 1980-1989	0.4137	basic	No
600.0	Observations for June 1970	83.6567	basic	No
601.0	NCAR Nested Regional Climate Model (NRCM)	2135186.901	basic	No
602.0	Observations, February to April 1967	14.0534	basic	No
602.1	Line Island Experiment Aircraft Observations	0.5787	basic	No
603.0	Radiosondes, 1972-1978 summers	18.7187	basic	No
604.0	NCAR Global Climate Four-Dimensional Data Assimilation (CFDDA) Hourly 40 km Reanalysis	26975089.55	basic	No
605.0	U.S.S.R. Ships	9.9752	basic	No
605.2	1978Dec	96.99	basic	No
605.5	Summer Monsoon Experiment (SMONEX)	207.6325	basic	No
606.1	Data	16299.1209	basic	No
606.2	TOGA COARE Large Scale Atmospheric Data	377.8161	basic	No

606.3	TOGA COARE Convection and Mesoscale Data	28054.3324	basic	No
606.4	TOGA/COARE Large Scale Ocean Data	299.2599	basic	No
606.5	TOGA/COARE Ocean Mixing Data	906.9773	basic	No
607.0	NCEP 51-year Hydrological Reanalysis	684569.608	basic	No
608.0	(NARR)	14967340.35	basic	No
609.1	hourly.	13991052.31	basic	No
609.2	GCIP NCEP Eta model output	5889041.134	basic	No
609.3	GEM model output,	78820.3274	basic	No
610.0	(from Shea)	4.2107	basic	No
611.0	ALPEX Dropwindsondes, spring 1982	1.3066	basic	No
612.0	Current and Future Climate of North America	192794529.7	basic	No
612.5	Present and Future Climate Simulation	274770087.2	basic	No
613.0	Data Assimilation version 2 (EDN2)	1063022.655	basic	No
615.0	Data	30.8393	basic	No
617.0	Soundings	3.1621	basic	No
618.0	Stratospheric Analyses, daily 1987Jan	134.9509	basic	No
620.0	Kuwait Oil Fires Archive, 1991	705.1003	basic	No
631.0	Arctic System Reanalysis (ASR) Project	10192205.18	enhanced	No
631.1	Arctic System Reanalysis version 2	53091279.13	enhanced	No
633.3	ERA5 Modes of Interannual Variability	139105.8341	data-level	No
671.0	NESS NOAA-1 Longwave Analyses	6.7584	basic	No
672.0	to July 1973	5.4662	basic	No
672.5	February 1965 to February 1978	2.9491	basic	No
673.0	Data for February 1975	0.9667	basic	No
676.0	NESS Visual and Infrared Brightness Analyses	2927.2596	enhanced	No
676.1	for June 1974 to September 1986	15.6959	basic	No
677.0	Analyses, October 22-24, 1973	9.5232	basic	No
678.0	Analyses, October 22-23, 1973	16.9943	basic	No
679.0	1972-1974	10.1414	basic	No
680.0	Analyses	0.8223	basic	No
681.0	January to June 1979	386.8013	basic	No
682.0	measured Carbon Monoxide	0.0628	basic	No
682.3	carbon monoxide from satellite instruments	3.7427	basic	No
684.0	Time-Corrected Monthly Tropical OLR and HRC Datasets	11.4237	basic	No
684.1	Daily, Pentad and Monthly Global OLR	0	basic	No

685.0	B), April 1969 to April 1971	339.0552	basic	No
686.0	(TOVS) Observations, 1979-1980	1032.6455	basic	No
691.0	Radiometer (VTPR) Observations, 1974Sep	3.2686	basic	No
692.0	Radiometer (VTPR) Observations, 1972-1979	5604.864	basic	No
695.0	November 1978	906.3164	basic	No
698.0	Coverage (GAC), 1981-1982	6672.8346	basic	No
700.0	1978Oct-1989	830732.9889	basic	No
701.0	Analyses from MSU	82.19	basic	No
703.0	Data	35446.3058	basic	No
709.0	and Nitrous Oxide, 1979-1981	0	basic	No
710.0	Nimbus-7 Orbital Total Ozone Observations	884.31	basic	No
711.0	Total-Column Ozone Observations	83.9246	basic	No
712.0	Hourly SMS GATE Data	2634.1166	basic	No
716.0	1984Apr-1989Mar	2283.8377	basic	No
718.0	Distribution Histograms, December 1981 to October 1989	157.4461	basic	No
718.5	Means and Half Month Means	28.0003	basic	No
719.0	1984	26.4684	basic	No
720.0	February 1984	286.5111	basic	No
721.0	Suominet Daily Archive	1915975.519	basic	No
721.1	Precipitable Water	1217.3541	basic	No
725.0	(ISCCP) B1 GOES Data	34057.8642	basic	No
725.1	Climate Project (ISCCP) CX	1057.0629	basic	No
725.2	Climate Project (ISCCP) B1, B2	254908.7503	basic	No
726.0	GFDL SEASAT Scatterometer Derived Winds	199.8111	basic	No
726.1	Surface Wind Stress for the Global Ocean	1.0691	basic	No
727.0	NODC GEOSAT Altimeter Wind and Wave Data	675.5574	basic	No
727.1	JPL GEOSAT Sea Level Height Analyses	1362.8902	basic	No
740.0	daily 1971-1987	20.226	basic	No
740.1	Analyses, monthly 1971-1985	22.9786	basic	No
741.0	Surface Solar Irradiance Derived from ISCCP	395.9388	basic	No
741.1	derived from ISCCP DX data	11431.0083	basic	No
741.5	Corrected for Spurious Variability Related to Changes in Satellite Orbits, Instrument	26.89	basic	No
743.0	to June 1985	10359.408	basic	No
744.0	Surface Winds	49.1182	basic	No

744.1	NSCAT Scatterometer Ocean Winds, Level 2	62700.1374	basic	No
744.4	Colorado Research Associates (version 5.0) Locally Weighted Regression Interpolation (Version 1e)	44675.9326	basic	No
744.5	1.0)	6551.5742	basic	No
744.6	ADEOS Scatterometer Winds, Level 2B	0	basic	No
744.7	Winds (version 1.0)	7228.4242	basic	No
744.8	COARE	58851.1355	basic	No
745.0	Concentration	336.6942	basic	No
746.0	Scripps Global Elevation and Depth Data	2.2924	basic	No
750.0	Rand's Global Elevation and Depth Data	0.4792	basic	No
750.1	Geographic Characteristics	60.8245	basic	No
754.0	Average Elevation Data	13.2137	basic	No
755.0	Second Elevations	105.5598	basic	No
756.1	Colorado, Hawaii, and the U.S. Great Plains	1606.4273	basic	No
756.5	Spectral	40.2602	basic	No
757.0	from NGDC	270.0808	basic	No
759.1	and Land Elevation from the US National Geophysical Data Center (NGDC)	147.0778	basic	No
759.2	Degree Elevation Data	0.7946	basic	No
760.0	South African Area 1-Minute Elevation Data	1.3941	basic	No
761.0	Resolution	767.0881	basic	No
762.0	Wetlands, 1995	7.2827	basic	No
764.0	Land-use and Albedo Data	3.7683	basic	No
765.0	Methane Emission, 1-Degree	1.4295	basic	No
765.5	Data	7.3523	basic	No
766.0	Global 1-Degree Vegetation and Soil Types	0.6561	basic	No
767.0	Precipitation Climatology and Topography	16.8387	basic	No
768.0	Complexes Ranked by Carbon in Live Vegetation at 30-Minute Resolution	0.1556	basic	No
769.0	Slope	1.5082	basic	No
770.0	Observations	16.102	basic	No
800.0	FGGE Constant Level Balloon Observations	3.2768	basic	No
800.1	Observations	1000.0719	basic	No
801.0	1969May	0	basic	No
804.0	1975December	2.5723	basic	No

805.1	monthly 1957Jul-1976	0.3727	basic	No
805.2	December 1985	37.6938	basic	No
806.0	from OGO 4	2570.027	basic	No
808.0	to June 1972	4.31	basic	No
810.0	CMIP 5 dataset and code for R parallelization	2827.572	basic	No
814.0	Indices	0.4282	basic	No
816.0	Batelle Wind Energy Summaries	1.3902	basic	No
820.0	Statistics	38.2502	basic	No
820.1	Statistics	39.936	basic	No
824.1	and Intensity Data"	6.4022	basic	No
825.0	1995	0.0246	basic	No
830.0	1947-1969	4.9111	basic	No
832.0	1932-1981Jun	2.8942	basic	No
834.0	NGDC Sunspots and 10.7 cm Flux	1.84	basic	No
836.0	Catalogues	5.2951	basic	No
840.0	Midwest and Eastern United States	1112.862	enhanced	No
840.1	Conterminous United States	8725.5704	enhanced	No
841.0	WSR-88D Radar Data	4654574.487	basic	No
841.1	WSR-88D Reflectivity and Velocity Spectrum Width	3810259.551	basic	No
841.6	NEXRAD WSR-88D Radar Data for Severe Events	20137627.26	basic	No
845.1	GATE Ship Radar, June to September 1974	1193.6744	basic	No
845.2	to September 1974	0	basic	No
850.0	Biological Data, 1965-1970	27.6864	basic	No
855.0	NCDC TD5850 Global Rocketsondes 1969-1988	196.8694	basic	No
856.0	NCDC Rocketsondes, monthly 1961-1972	3.158	basic	No
860.0	Absorption Database (HITRAN), 1986 Edition	36.1513	basic	No
861.0	Belgium)	4.1697	basic	No
862.0	18,000 years before present	1.5729	basic	No
863.0	400,000 years BP	3.3915	basic	No
865.0	and Derived Soil Moisture	0.8048	basic	No
866.0	Distribution, 1-Degree	13.7585	basic	No
867.0	Cultivation	13.4163	basic	No
870.0	Sacramento Peak 9.1 cm Solar Analyses	7.4916	basic	No

871.0	Temperature and Relative Humidity for Latin American Cities Data	2.3067	basic	No
875.0	September 1974 Observations	2367.5551	enhanced	No
880.0	World Weather Disk Data	11.6367	basic	No
888.0	1891-1986	96.9892	basic	No
891.0	Analysis of Severe Hailstorms: Storm and Analysis Data	211.1757	basic	No
898.0	Library	42680.2015	basic	No
900.0	NCDC WBAN Station Library	0	enhanced	No
900.1	Day and Hourly Precipitation	0	basic	No
901.0	built)	0	data-level	No
902.0	Various Station Libraries and Histories	0	basic	No
904.0	Library (November 1995)	0	basic	No
905.0	activities about RDA's data	2768.0159	basic	No
909.0	University of Arizona Tree Ring Data	0.8657	basic	No

**Total Dataset Volume with a copy also preserved at a trusted alternate repository (could be derived**

3367

**Total Dataset Volume where RDA has only known data copy, TB:**

1009