

Reanalysis	Relevant period (yyyy/mm)	Resolution				Does it assimilate...?			
		Time (h)	Long (°)	Lat (°)	Vertical	AIRS	COSMIC	HIRDLS	SABER
CFSR	2003/01–2011/03	6	0.5	0.5	64 levels, top 0.625 hPa	Y	Y	N	N
ERA-Interim	2003/01–2012/12	6	0.75	0.75	60 levels, top 0.1 hPa	Y	Y	N	N
ERA-5	2010/01–2012/12	1	0.3	0.3	137 levels, top 0.01 hPa	Y	Y	N	N
JRA-55	2003/01–2012/12	6	0.56	0.56	60 levels, top 0.1 hPa	N	Y	N	N
JRA-55C	2003/01–2012/12	6	0.56	0.56	60 levels, top 0.1 hPa	N	N	N	N
MERRA-2	2003/01–2012/12	3	0.625	0.5	72 levels, top 0.01 hPa	Y	Y	N	N