48h GraphCast Forecast on Assimilated Data   GraphCast Forecast on ERA5

specific_humidity	1000	2000	4000	8000	10000	20000	40000	48	60	72	84	96
50 hPa	6.83e-08	6.77e-08	6.71e-08	6.59e-08	6.47e-08	6.35e-08	6.13e-08	5.95e-08	6.43e-08	6.48e-08	6.54e-08	6.77e-08
100 hPa	2.37e-07	2.35e-07	2.32e-07	2.30e-07	2.28e-07	2.23e-07	2.15e-07	2.02e-07	2.18e-07	2.28e-07	2.39e-07	2.54e-07
150 hPa	1.55e-06	1.56e-06	1.54e-06	1.50e-06	1.50e-06	1.45e-06	1.37e-06	1.26e-06	1.31e-06	1.39e-06	1.42e-06	1.45e-06
200 hPa	9.44e-06	9.42e-06	9.34e-06	9.08e-06	9.15e-06	8.82e-06	8.34e-06	7.61e-06	7.71e-06	8.02e-06	8.15e-06	8.28e-06
250 hPa	3.30e-05	3.34e-05	3.26e-05	3.16e-05	3.19e-05	3.04e-05	2.90e-05	2.69e-05	2.83e-05	2.96e-05	3.04e-05	3.20e-05
300 hPa	7.85e-05	7.81e-05	7.69e-05	7.45e-05	7.54e-05	7.16e-05	6.87e-05	6.23e-05	6.48e-05	6.85e-05	7.12e-05	7.53e-05
400 hPa	2.58e-04	2.55e-04	2.51e-04	2.45e-04	2.43e-04	2.34e-04	2.21e-04	1.93e-04	2.07e-04	2.25e-04	2.31e-04	2.44e-04
500 hPa	5.08e-04	5.07e-04	4.98e-04	4.84e-04	4.85e-04	4.60e-04	4.33e-04	3.79e-04	4.12e-04	4.51e-04	4.65e-04	4.81e-04
600 hPa	7.39e-04	7.43e-04	7.30e-04	7.05e-04	7.10e-04	6.58e-04	6.13e-04	5.27e-04	5.82e-04	6.13e-04	6.57e-04	6.95e-04
700 hPa	0.001	0.001	9.78e-04	9.46e-04	9.51e-04	8.80e-04	8.26e-04	7.11e-04	7.76e-04	8.31e-04	8.60e-04	9.01e-04
850 hPa	0.001	0.001	0.001	0.001	0.001	0.001	0.001	8.98e-04	9.70e-04	0.001	0.001	0.001
925 hPa	9.90e-04	9.75e-04	9.70e-04	9.28e-04	9.04e-04	8.82e-04	8.18e-04	7.12e-04	7.70e-04	7.90e-04	8.27e-04	8.50e-04
1000 hPa	7.52e-04	7.51e-04	7.34e-04	7.03e-04	6.84e-04	6.52e-04	5.99e-04	4.91e-04	5.35e-04	5.63e-04	5.90e-04	6.14e-04

Number of observed columns   Lead time

Relative RMSE (w.r.t. 96h GraphCast forecast RMSE, lower is better)