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	6.53e-08	6.44e-08	6.11e-08	5.87e-08	5.78e-08	5.77e-08	5.79e-08	5.95e-08	6.43e-08	6.48e-08	6.54e-08	6.77e-08
100 hPa	2.30e-07	2.23e-07	2.25e-07	2.15e-07	2.13e-07	2.06e-07	2.04e-07	2.02e-07	2.18e-07	2.28e-07	2.39e-07	2.54e-07
150 hPa	1.50e-06	1.44e-06	1.43e-06	1.34e-06	1.35e-06	1.29e-06	1.27e-06	1.26e-06	1.31e-06	1.39e-06	1.42e-06	1.45e-06
200 hPa	9.22e-06	8.81e-06	8.73e-06	8.26e-06	8.28e-06	7.96e-06	7.86e-06	7.61e-06	7.71e-06	8.02e-06	8.15e-06	8.28e-06
250 hPa	3.26e-05	3.12e-05	3.01e-05	2.93e-05	2.95e-05	2.81e-05	2.78e-05	2.69e-05	2.83e-05	2.96e-05	3.04e-05	3.20e-05
300 hPa	7.73e-05	7.44e-05	7.21e-05	6.87e-05	6.99e-05	6.60e-05	6.43e-05	6.23e-05	6.48e-05	6.85e-05	7.12e-05	7.53e-05
400 hPa	2.52e-04	2.39e-04	2.33e-04	2.21e-04	2.19e-04	2.06e-04	2.00e-04	1.93e-04	2.07e-04	2.25e-04	2.31e-04	2.44e-04
500 hPa	5.00e-04	4.72e-04	4.62e-04	4.27e-04	4.22e-04	4.01e-04	3.94e-04	3.79e-04	4.12e-04	4.51e-04	4.65e-04	4.81e-04
600 hPa	7.24e-04	6.80e-04	6.61e-04	6.11e-04	5.99e-04	5.64e-04	5.51e-04	5.27e-04	5.82e-04	6.13e-04	6.57e-04	6.95e-04
700 hPa	9.65e-04	9.16e-04	9.16e-04	8.39e-04	8.23e-04	7.75e-04	7.49e-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	9.99e-04	9.60e-04	8.98e-04	9.70e-04	0.001	0.001	0.001
925 hPa	9.55e-04	9.25e-04	9.07e-04	8.40e-04	8.18e-04	7.65e-04	7.45e-04	7.12e-04	7.70e-04	7.90e-04	8.27e-04	8.50e-04
1000 hPa	7.21e-04	6.79e-04	6.68e-04	6.18e-04	6.02e-04	5.58e-04	5.29e-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)