Assimilated Data based on 48h Forecast | GraphCast Forecast on ERA5

specific_humidity	1000	2000	4000	8000	10000	20000	40000	6	12	18	24	48
50 hPa	6.05e-08	5.83e-08	5.22e-08	4.73e-08	4.42e-08	3.61e-08	2.83e-08	2.01e-08	2.94e-08	3.85e-08	4.43e-08	5.95e-08
100 hPa	1.85e-07	1.80e-07	1.68e-07	1.51e-07	1.44e-07	1.18e-07	9.39e-08	8.06e-08	1.09e-07	1.33e-07	1.49e-07	2.02e-07
150 hPa	1.33e-06	1.29e-06	1.22e-06	1.10e-06	1.07e-06	8.91e-07	7.06e-07	6.42e-07	8.35e-07	9.96e-07	1.08e-06	1.26e-06
200 hPa	8.74e-06	8.52e-06	8.13e-06	7.42e-06	7.17e-06	6.10e-06	4.99e-06	4.17e-06	5.38e-06	6.32e-06	6.60e-06	7.61e-06
250 hPa	2.96e-05	2.89e-05	2.79e-05	2.55e-05	2.46e-05	2.09e-05	1.73e-05	1.46e-05	1.87e-05	2.19e-05	2.36e-05	2.69e-05
300 hPa	6.62e-05	6.44e-05	6.14e-05	5.66e-05	5.46e-05	4.70e-05	3.76e-05	2.86e-05	3.99e-05	4.61e-05	5.10e-05	6.23e-05
400 hPa	1.99e-04	1.93e-04	1.85e-04	1.70e-04	1.63e-04	1.39e-04	1.12e-04	7.82e-05	1.20e-04	1.40e-04	1.58e-04	1.93e-04
500 hPa	4.02e-04	3.92e-04	3.77e-04	3.45e-04	3.31e-04	2.80e-04	2.24e-04	1.45e-04	2.16e-04	2.54e-04	2.94e-04	3.79e-04
600 hPa	5.70e-04	5.59e-04	5.33e-04	4.88e-04	4.71e-04	3.99e-04	3.17e-04	1.91e-04	2.98e-04	3.37e-04	3.88e-04	5.27e-04
700 hPa	7.85e-04	7.73e-04	7.38e-04	6.75e-04	6.50e-04	5.38e-04	4.22e-04	2.57e-04	3.89e-04	4.59e-04	5.37e-04	7.11e-04
850 hPa	9.84e-04	9.66e-04	9.32e-04	8.53e-04	8.33e-04	7.13e-04	5.75e-04	3.65e-04	5.17e-04	5.97e-04	6.85e-04	8.98e-04
925 hPa	7.86e-04	7.77e-04	7.51e-04	6.99e-04	6.81e-04	5.86e-04	4.82e-04	3.51e-04	4.70e-04	5.33e-04	5.86e-04	7.12e-04
1000 hPa	5.71e-04	5.59e-04	5.43e-04	4.96e-04	4.82e-04	4.04e-04	3.23e-04	2.85e-04	3.32e-04	3.58e-04	3.93e-04	4.91e-04

Number of observed columns | Lead time

Relative RMSE (w.r.t. 48h GraphCast forecast RMSE, lower is better)