

In short: 19 May looks quite ok.

Later development is very uncertain. It surely is a good idea to plan being back down on 20.

Synopsis:

The shallow trough moves eastwards over the Himalayas during the next three days. First, the jet streak in front of it approaches, leading to a short wind peak on 17th during the morning. Then, wind speed plummets towards the evening, mid-level wind shortly turns NW. The Himalayas remain in a slightly cyclonic flow pattern until around 20 May, with weak to moderate wind.

Meanwhile, a large convective system has developed at the southern tip of India. The GFS model indicates it will move along the east coast towards Bangladesh. This would lead to increased humidity, more high level clouds towards 20th and probably quite some fresh snow around 21st. However, the European ECMWF model shows that the western part of the system gets to dominate. The system would then stall over central India and probably start to weaken there around 22nd. I suppose, the outcome crucially depends on the development of the next 20-30 hours. We will keep you informed.

Weather:

currently, mornings are sunny above 7000m. Humid air lies in the valleys below. In the southern Khumbu, showers develop in the afternoon also tomorrow and on 17th. Convective clouds should not reach over 7600m.

With some more humidity also high up, some ice clouds (and due to high wind probably banners) also form around summit.

18: high clouds probably around summit also in the morning. Best chance for clear weather might be between 7500 and 8000m.

Wind shortly turns to NW

19: seems to be quite fair, partly sunny still with ice clouds at high altitude. More clouds towards the evening.

20: partly cloudy in the morning, cloudy with some risk for precipitation towards the evening. further development is highly uncertain, as mentioned above...

Wind at summit:

Wind coming from the West, ca. 50 km/h average at summit with very strong gusts until the morning or 17th. Even at 7500m, its quite windy until tomorrow.

Probably a lot more wind the GFS meteogram show.

17: towards the afternoon wind calms down to 30-40 km/h, shortly turns NW

18: 20-30 km/h, less gusty

19: around 30 km/h

uncertain trend, probably remains between 30 and 40 km/h for a few more days.

Temperature:

-20 degree line falls below 8000m tonight, to around 7600m on 17th.

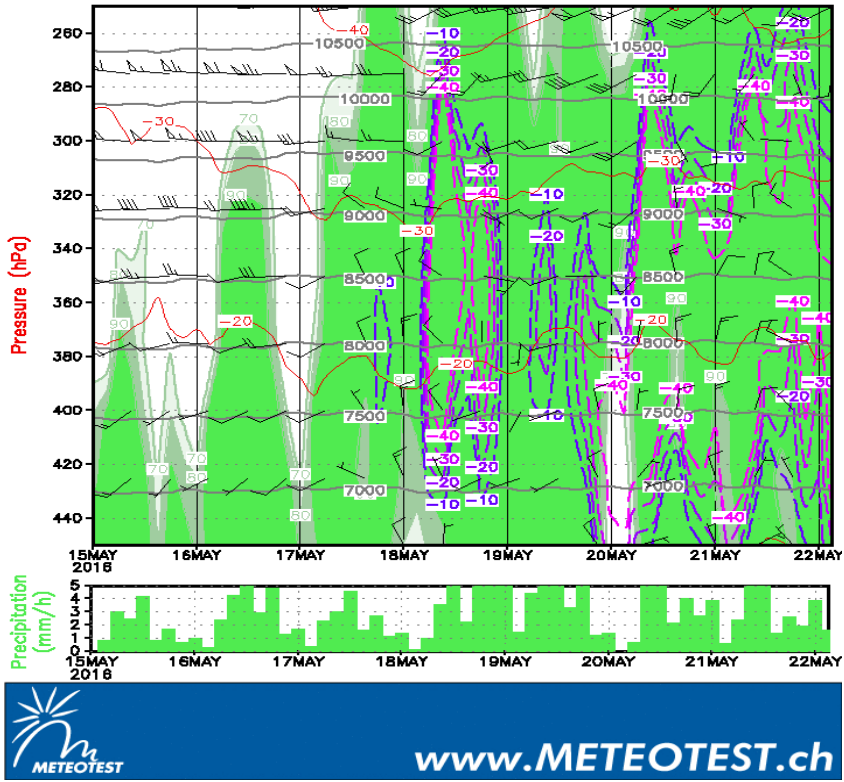
It rises again to 7900m on 19th.

Temp at summit decreases from -26 today to -29 on 18th morning.

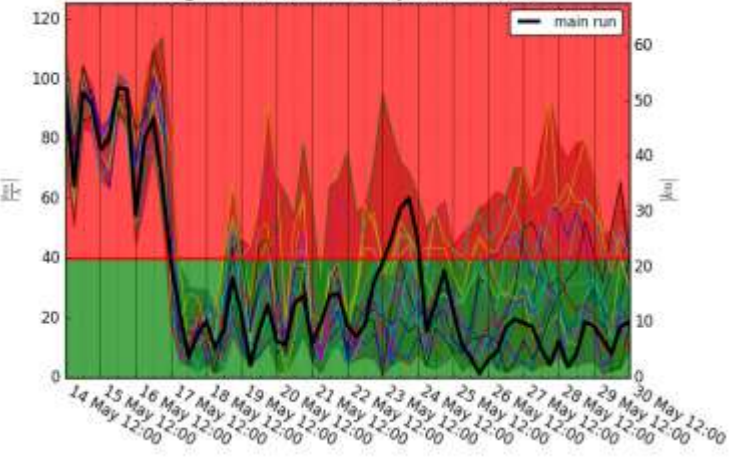
Then rises again to -27 on 19th.

Trend: probably constant.

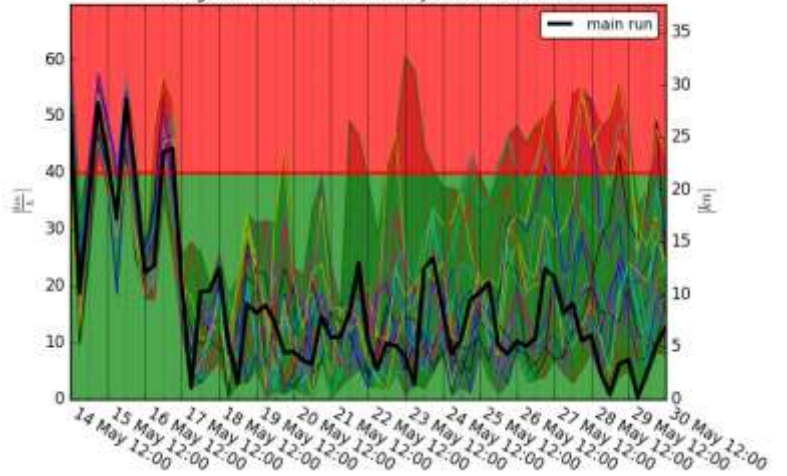
GFS Profile 00Z15MAY2016
Everest (28,86.9)



GFS Ensembles of windspeed for Everest
Height: 300hPa, Init: 14 May 2016 - 12 UTC



GFS Ensembles of windspeed for Everest
Height: 350hPa, Init: 14 May 2016 - 12 UTC



optional, additional charts; depending on the weather situation

