

# Course Summary for NGEA17: synoptic and mesoscale meteorology HT 2020

**Course coordinator:** Thomas Holst (TH)

**Teachers in the course:** Janne Rinne (JR), Thomas Holst (TH)

**Number of students:** 2 registered students

**Grade distribution:** 2 G

## Evaluation

### I. Summary of the course evaluation

Number of survey responses: 2, of which is 100 % of the students

*Short summary of the evaluation responses:* In general the students were very satisfied with the course (overall score of 4.0, on a scale 1(very bad)-5 (very good)). As last year, the students rated the course to have a fair workload (score 3 out of 1 (too low) to 5 (too high)), and course credits are in good relationship to workload and course content (4 out of 1-5). Students thought the course aim had been reached (3.5 out of scale 1-5). The students were particularly satisfied with lectures covering both parts of the course (convection: 4.5 out of max 5; synoptics (5.0 out of max 5)). Covid restrictions were behind lower evaluations of exercises which normally had been class-room based, and which had to be done via distance teaching. Particular low ratings (2.0 out of 5) were given for the weathermap analysis exercise. The 'Friday weather discussion' also based on map analyses worked better (4.0 out of 5; but lower rating as last year). Surprisingly, students also saw positive impacts of distant teaching, e.g. lectures recorded and available as videos (better lecture material provided), more flexibility with timetables, and students could better focus on learning. Negative impacts were seen by lack of communication to other students, access to teaching material (library, hardcopies, computer rooms) and lack of motivation, structure and infrastructure at home. They did *not* tick 'missing communication with teachers' in the questionnaire.

### II. Comments from the teaching team

Teachers' opinion is that the course went well despite the restrictions caused by transition to distance teaching. Lectures and most exercises went well, with one exception (weather map analysis) that would need to be done differently if distance teaching would be required next time. The oral course evaluation last year was done as an excursion to the Hyltemossa research site, this excursion had to be dropped this year due to Corona. Otherwise, course content was not limited due to Corona.

### III. Evaluation of changes implemented since the last time the course was given

Since the last time we had planned to increase the discussion of exercises and more exercises in general. The number of homework exercises had been increased this year, changes forced by distance teaching following covid-restrictions where reducing this effect despite high efforts by the teacher team.

**IV. Suggestions for changes to implement before the course is given the next time**

In case teaching remains via distance, exercises would partly need to be improved, particularly the weather map analysis exercise. If class-room teaching is possible again, students would like more exercise discussion time – but this might be restricted by available teaching resources.

2021-03-30, this summary was done by Thomas Holst