

Synoptic and Mesoscale System Analysis

Course Agenda

Date	Content	Trainers
11 January 2021	Course opening	
11 - 24 January	Cyclogenesis and fronts	Vesa Nietosvaara (EUM) Andreas Wirth (ZAMG)
18 - 31 January	Frontal sub-structures (precipitation bands, sting jets, winter convection)	Rob Groenland (KNMI)
25 January – 7 February	Mesoscale features in cold air (comma clouds, EC, troughs, instant occlusion, convective lines)	Rob Groenland (KNMI) Jurgen Buelens (Meteo Wing – BAF)
1 - 15 February	Summer convection (RGB interpretation, interpretation of convection in a synoptic context, Nowcasting-SAF)	Wilfried Jacobs (DWD) Rob Groenland (KNMI)
8 – 14 February	Atmospheric wave phenomena (Turbulence, lee waves, gravity waves, Foehn, etc.)	Andreas Wirth (ZAMG)
15 – 22 February	Shallow clouds and related weather phenomena	Peter Schmitt (DWD) Wilfried Jacobs (DWD)
22 February 2021	End of the course	

