

ICOS Sweden Atmosphere station parameters

Atmosphere stations	Hyltemossa	Norunda	Svartberget
coordinates	56°06'N, 13°25'E	60°05'N, 17°29'E	64°10'N, 19°47'E
Continuous Measurements			
gas concentrations: CO, CO ₂ , CH ₄ , H ₂ O	30 m, 70 m, 150 m	32 m, 58 m, 100 m	35 m, 85 m, 150 m
PBL/cloud base height	1	1	1
Wind speed/direction, air temperature/humidity	30 m, 70 m, 150 m	32 m, 58 m, 100 m	35 m, 85 m, 150 m
Turbulent fluxes	Ecosystem station	Ecosystem station	Ecosystem station
Periodic sampling			
Flask sampling; CO, CO ₂ , CH ₄ , H ₂ O, SF ₆ , H ₂ , ^{12/13} CO ₂ , ^{12/13} CH ₄	150 m	100 m	150 m
Sampling of radiocarbon ¹⁴ C	150 m	100 m	150 m