

### ICOS Sweden Atmosphere station parameters

<b>Atmosphere stations</b>	<b>Hyltemossa</b>	<b>Norunda</b>	<b>Svartberget</b>
coordinates	56°06'N, 13°25'E	60°05'N, 17°29'E	64°10'N, 19°47'E
<b>Continuous Measurements</b>			
gas concentrations: CO, CO <sub>2</sub> , CH <sub>4</sub> , H <sub>2</sub> 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
<b>Periodic sampling</b>			
Flask sampling; CO, CO <sub>2</sub> , CH <sub>4</sub> , H <sub>2</sub> O, SF <sub>6</sub> , H <sub>2</sub> , <sup>12/13</sup> CO <sub>2</sub> , <sup>12/13</sup> CH <sub>4</sub>	150 m	100 m	150 m
Sampling of radiocarbon <sup>14</sup> C	150 m	100 m	150 m