

National Air Pollution Monitoring Network: Measurement programme

			EMEP	EMEP				EMEP GAW				EMEP	EMEP GAW		EMEP	
Parameter	BAS	BER	BRM	CHA	DAV	DUE	HAE	JUN	LAU	LUG	MAG	PAY	RIG	SIO	TAE	ZUE
Sulphur dioxide (SO ₂)	X					X	X	X		X	X	X	X			X
Nitrogen oxides (NO _x , NO ₂ , NO)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NO ₂ selective methods								X				X	X			
NO _y								X								
Nitrous oxide (N ₂ O)			X					X								
Ozone (O ₃)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Carbon monoxide (CO)		X	X			X	X	X	X	X		X	X			X
Carbon dioxide (CO ₂)							X	X								
Methane (CH ₄)						X		X		X						X
Non-methane hydrocarbons						X				X						X
BTX (Benzene, Toluene, Xylene)		S	S			S										
VOC components ¹⁾			S					S								
Halogenated compounds ¹⁾								S								
Sulphur hexafluoride (SF ₆)								S								
Ammonia (NH ₃)			X									X			X	
Particulate matter PM10, HiVol	T	T	T	T		T	T	T	T	T	T	T	T	T	T	T
Particulate matter PM10, cont.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Particulate matter PM2.5, HiVol	T	T				T	T		T	T	T	T	T	T	T	T
Particulate matter PM2.5, cont.	X	X				X	X		X	X	X	X	X	X	X	X
Particle number concentration	X	X					X			X			X			
Aerosol size distribution																X
EBC in PM2.5	X	X				X	X			X	X	X	X			X
EC/OC in PM2.5	T	T				T	T			T	T	T	T			T
PAH in PM10	3M	3M				3M	3M		3M	3M	3M	3M		3M	3M	3M
Pb, Cd, As, Ni, Cu in PM10	J	J	J	J		J	J	J	J	J	J	J	J	J	J	J
Cl ⁻ , NO ₃ ⁻ , SO ₄ ²⁻ in PM10								T		T		T	T			
Na ⁺ , K ⁺ , Ca ²⁺ , Mg ²⁺ in TSP												T	T			
Total dust fallout (DF)	M	M					M		M		M	M	M			M
Pb, Cd, Zn, Tl, As, Cu, Ni in DF	J	J					J		J		J	J	J			J
pH-value, conductivity (rain)				W		W					W	W	W			
Na ⁺ , NH ₄ ⁺ , K ⁺ , Ca ²⁺ , Mg ²⁺ (rain)				W		W					W	W	W			
Cl ⁻ , NO ₃ ⁻ , SO ₄ ²⁻ (rain)				W		W					W	W	W			
Σ(NH ₃ + NH ₄ ⁺); Σ(HNO ₃ + NO ₃ ⁻)												T	T			
NH ₃ , NH ₄ ⁺ , HNO ₃ , NO ₃ ⁻			2W								2W	2W	2W			
Pressure	XA	X	X	XA	X	X	X	XA	X	XA	XA	XA	X	XA	XA	X
Temperature	XA	X	X	XA	X	X	X	XA	X	XA	XA	XA	X	XA	XA	X
Humidity	XA	X	X	XA	X	X	X	XA	X	XA	XA	XA	X	XA	XA	X
Wind	XA	X	X	XA	X	X	X	XA	X	XA	XA	XA	X	XA	XA	X
Global radiation	XA	X	X	XA	X	X	X	XA	X	XA	XA	XA	X	XA	XA	X
Net radiation					X											
Precipitation (autom.)	XA	X	X	XA	X	X	X		X	XA	XA	XA	X	XA	XA	X
Traffic volume		S					SA		S					SA		

X=10-minute means S= Hourly means T= Daily means W= Weekly means
 2W= Biweekly means M= Monthly means 3M= Trimonthly means J= Annual means
 XA=10-minute means (MeteoSwiss) SA= Hourly means (FEDRO)

EMEP=European Monitoring and Evaluation Programme GAW=Global Atmosphere Watch Programme

¹⁾Specific components see „Technischer Bericht des NABEL“ (Empa und BAFU)

Gases	Particles	Deposition	N-Compounds	Meteo
-------	-----------	------------	-------------	-------