

Inventory

Date	Pos	Label	Observations				Analyses & Forecasts			Model	Funding	Remarks	Item
			RS	RAD	LIDAR	RSDWD	DFCST	ECANA	NCANA				
1999													
17 - 19 Dec 1999	KBN	LEWIZ-K1	17	X	X	X	X	X	X	UC	IAP	Pilot-LEWIZ, AFO2000-LEWIZ, PIGW	1
2000													
16 - 17 Jan 2000	AND	LEWIZ-A1	X				X	X	X		IAP / ARI	Matrix-LEWIZ	2
17 - 18 Jan 2000	KBN	LEWIZ-K2	14	X		X	X	X		VC	IAP	AFO2000-LEWIZ, PIGW	3
15 - 28 Jan 2000	AND	LEWIZ-A2	X				X	X	X		IAP / ARI	Matrix-LEWIZ	4
06 - 07 Mar 2000	KBN	LEWIZ-K3	13	X		X	X	X		MC	IAP	AFO2000-LEWIZ	5
29 - 30 Mar 2000	AND	LEWIZ-A3	X				X	X		MC	IAP / ARI	Matrix-LEWIZ	6
21 Dec 2000	KBN		3	X			X				IAP		7
2001													
11 - 12 Jan 2001	KBN	LEWIZ-K4	14			X	X	X	X	VC	IAP	AFO2000-LEWIZ, PIGW	8
12 - 16 Jan 2001	AND	LEWIZ-A4	X				X		X		IAP / ARI	Matrix-LEWIZ	9
05 - 07 Feb 2001	KBN	LEWIZ-K5	18	X		X	X	X	X	MC	IAP	AFO2000-LEWIZ	10
08 Nov 2001	KBN		1				X		X		IAP		11
29 Nov - 01 Dec 2001	KBN	LEWIZ-K6	16	X		X	X	X	X	MC	AFO	AFO2000-LEWIZ	12
07 - 08 Dec 2001	KBN		7	X			X	X	X		AFO		13
19 - 21 Dec 2001	KBN	LEWIZ-K7	15	X		X	X	X	X	MC	AFO	AFO2000-LEWIZ	14
28 Dec 2001	KBN		5	X			X	X	X	MC	AFO		15
2002													
21 - 23 Jan 2002	KBN	LEWIZ-K8	15	X		X	X	X	X	MC	AFO	AFO2000-LEWIZ	16
02 - 05 Feb 2002	KBN	LEWIZ-K9	17	X		X	X	X	X	MC	AFO	AFO2000-LEWIZ	17
14 - 16 Feb 2002	KBN	LEWIZ-A5	X	X			X	X	X	MC	IAP / ARI	Matrix-LEWIZ	18
06 - 08 Mar 2002	KBN	LEWIZ-K10	16	X		X	X	X	X	VC	AFO	AFO2000-LEWIZ, PIGW	19
09 - 10 Dec 2002	KBN		3	X							AFO		20
2003													
12 - 14 Jan 2003	KBN	LEWIZ-K11	17	X			X				AFO		21
24 - 26 Jan 2003	AND	MACWAVE-A1	X	X			X	X		MC	MaCWAVE	Matrix-LEWIZ	22

27 - 30 Jan 2003	AND	MACWAVE-A2	X	X			X	X		MC	MaCWAVE	Matrix-LEWIZ	23
22 - 24 Mar 2003	AND	LEWIZ-A6	X	X			X	X		MC	IAP / ARI	Matrix-LEWIZ	24
2005													
18 - 27 Jan 2005	AND	ROMA-A1	X	X			X	X		MC	IAP / ROMA	Matrix-LEWIZ, ROMA/LEWIZ	25
2006													
27 Jan 2006	KBN	Cirrus-K1	X	X	X	X	X	X		MC	IAP	Cirrus-LEWIZ	26
14 Feb 2006	KBN	Cirrus-K2	X	X	X	X	X	X		MC	IAP	Cirrus-LEWIZ	27
24 Feb 2006	KBN	Cirrus-K3	X	X	X	X	X	X		MC	IAP	Cirrus-LEWIZ	28

Abbreviations

Pos - positions

- AND: Andenes (60.3 °N, 16.0 °E)
- KBN: Kühlungsborn (54.1 °N, 11.8 °E)

Label

- LEWIZ: Letzter Winter im zwanzigsten Jahrhundert
- MACWAVE: Mountain and Convection Waves
- ROMA: Rocket-borne Observations of the Middle Atmosphere

Observations:

- RS: radiosondes (at KBN)
- RSDWD: operational radiosondes from the German Weather Service (from Lindenberg, Emden, Schlewzig, Greifswald)
- RAD: VHF-radar
- LIDAR

Analyses & Forecasts:

- DFCST: DWD foresacst (with the EM model)
- ECANA: ECMWF analyses
- NCANA: NCEP analyses

Models:

- MM5: 5th-generation Mesoscale Model
 - UH: ultra-high resolution complex physics with Dh = 1 km / Dz = 300 m
 - VH: very-high resolution complex physics with Dh = 3 km / Dz = 300 m
 - HC: high-resolution complex-physics with Dh = 8 km / Dz = 100 m;
 - MC: medium-resolution complex-physics with Dh = 24 km / Dz = 250 m
 - LC: low-resolution complex-physics with Dh = 72 km / Dz = 750 m

Funding:

- IAP
- [AFO: AFO2000-LEWIZ \(BMBF\)](#)