Atmospheric
Chemistry
and Physics

Supplement of

The HD(CP)^2 Observational Prototype Experiment (HOPE) – an overview

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HOPE-Jülich Instrument Status

Colour Codes		
red	System not available	
yellow	System partially available	
green	System available	
red	weekend	
bold	IOP-Day	

Instrument status table for the majority of instruments operated during HOPE-Jülich. See Section 2.1.1 for details on the affiliations and instruments.

Instrument / Date of 2013	Radiosondes DFN-09 (KIT)	Surface Meteorology (KIT)	Ceilometer (KIT)	Doppler-Lidars (KIT)	MW-Radiometer HATPRO (KIT)	Cloud-Radar Mira-36s (KIT)	X-Band Radar KiXPol (KIT)	TRRL (IPM)	DIAL (IPM)	Raman-Lidar Polly^XT (LACROS)	Cloud-Radar Mira-35 (LACROS)	Doppler Lidar WiLi (LACROS)	MW-Radiometer HATPRO (LACROS)	Cloud-Radar Mira-35 (JOYCE)	Wind lidar Streamline (JOYCE)	MW-Radiometer HATPRO (JOYCE)	MW-Radiometer 2 HATPRO (JOYCE)	MW-Radiometer MPIM HATPRO (JOYCE)	scan pol X-radar JuXPol (FZJ)	scaning pol X-radar BoXPol (MIUB)	Sky-Imager Network SKY (MIUB)	Pyranometer Network PYR (TROPOS)	BASIL (UniBas)	SpecMACS (MIM)	EAGLE (LIM)	Lidar ARL-2 (LIM)	Sun Photometer Network SUN (MPIM)
2.4.																											
3.4.	OK	OK	OK	3/5	error ?	ot workin	OK	test	test	OK	OK	OK	OK	OK	OK	OK	OK	not running	not running	OK	5/7	14/100					0/4
4.4.	OK	OK	OK	4/5	OK	OK	OK	test	test	OK	Maintanance	OK	OK	OK	OK	OK	OK		Magnetrontausch	OK	6/7	37/100					?
5.4.	OK	OK	OK	4/5	calibratio	OK	OK	test	test	OK	OK	OK	OK	OK	OK	OK	OK		not running	OK	?	62/100					?
6.4.	OK	OK	OK	4/5	n/a	OK	OK	No Op	No Op	OK	OK	OK	OK	OK	OK	OK	OK		OK	OK	6/7	82/100					0/4
7.4.	problems	OK	OK	4/5	n/a	OK	OK	No Op	No Op	OK	OK	OK	OK	OK	OK	OK	OK		OK	OK	6/7	82/100					1 / 4
8.4.	problems	OK	OK	4/5	OK	OK	OK	test	test	OK	OK	down	OK	OK	OK	OK	OK			OK	6/7	87/100					2/4
9.4.	problems	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	down	OK	OK	OK	OK	OK		broken	OK	6/7	94/98(100)	OK				3/4
10.4.	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	?			OK	6/7	98/98(100)	OK				3/4
11.4.	OK	OK	OK	4/6	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK			OK	6/7	98/98(100)	OK				3/4
12.4.	OK	OK	OK	6/6	OK	OK	OK	OK	OK	OK	(OK), az broken	OK	problems	OK	OK	OK	OK	OK		OK	6/7	98/98(100)	OK				4/4
13.4. IOP 1	**OK**	**OK**	**OK**	**6/6**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	(OK), az broken	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**		**OK**	**6/7**	**98/98(100)**	**OK**		begin		**4/4**
14.4. IOP 2	**OK**	**OK**	**OK**	**5/6**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	(OK), az broken	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**		**OK**	**6/7**	**98/98(100)**	**OK**		buildup	begin	**4/4**
15.4. IOP 3	**OK**	**OK**	**OK**	**5/6**	**(OK)**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**		**OK**	**6/7**	**98/98(100)**	**OK**		**OK**	buildup	**4/4**
16.4.	3/4	OK	OK	6/6	OK	OK	down	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK			OK	6/7	98/98(100)	OK	OK	OK		3/4
17.4.	OK	OK	OK	6/6	(OK)	OK	down	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK			OK	6/7	98/98(100)	OK	OK	OK		3/4
18.4. IOP 4	**OK**	**OK**	**OK**	**5/6**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**		**OK**	**6/7**	**98/98(100)**	**OK**	**OK**	**OK**		**3/4**
19.4.	OK	OK	OK	6/6	OK	OK	OK	OK	OK	OK	OK	(OK)	OK	OK	OK	OK	OK			OK	6/7	98/98(100)	OK	OK	OK		3/4
20.4. IOP 5	**OK**	**OK**	**OK**	**6/6**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**		**OK**	**6/7**	**98/98(100)**	**OK**	**OK**	**OK**		**3/4**
21.4.	OK	(OK)	OK	6/6	OK	OK	OK	OK	OK	OK	OK	(OK)	OK	OK	OK	OK	OK			OK	6/7	98/98(100)	OK	OK	OK		3/4
22.4.	3/4	OK	(OK)	6/6	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK			OK	6/7	98/98(100)	OK	OK	OK		3/4
23.4.	OK	OK	OK	6/6	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		OK	OK	6/7	98/98(100)	OK	OK	OK		3/4
24.4. IOP 6	**OK**	**OK**	**OK**	**6/6**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**6/7**	**96/98(100)**	**OK**	**OK**	**OK**	**OK**	**4/4**
25.4. IOP 7	**OK**	**OK**	**OK**	**6/6**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**6/7**	**96/98(100)**	**OK**	**OK**	**OK**	**OK**	**4/4**
26.4. IOP 8	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**(OK)**	**(OK)**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**6/7**	**92/98(100)**	**OK**	**OK**	**OK**	**OK**	**4/4**
27.4.	OK	OK	OK	6/6	OK	OK	OK	no op	no op	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	92/98(100)	OK	OK	OK	OK	4/4
28.4.	OK	OK	OK	6/6	OK	OK	OK			OK	OK	(OK)	OK	OK	OK	OK	OK	OK	OK	OK	6/7	92/98(100)	OK	OK	OK	OK	4/4
29.4. IOP 9	**OK**	**OK**	**OK**	**4/5**	**OK**	**OK**	**OK**			**OK**	**OK**	**(OK)**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**6/7**	**92/98(100)**	**OK**	**OK**	**OK**	**OK**	**4/4**
30.4.	OK	OK	OK	5/5	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	92/98(100)	OK	OK	OK	OK	4/4
1.5.	OK	OK	OK	5/5	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	95/95(100)	OK	OK	OK	OK	4/4
2.5. IOP 10	**OK**	**OK**	**OK**	**5/5**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**		**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**6/7**	**97/98(100)**	**OK**	**OK**	**OK**	**OK**	**4/4**
3.5.	OK	OK	OK	5/5	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98(100)	OK	OK	OK	OK	4/4
4.5. IOP 11	**OK**	**OK**		**4/5**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**(OK)**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**6/7**	**98/98(100)**	**OK**	**OK**	**OK**	**OK**	**4/4**
5.5. IOP 12	**OK**	**OK**	**OK**	**5/5**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**6/7**	**98/98(100)**	**OK**	**OK**	**OK**	**OK**	**4/4**
6.5.	OK	OK	OK	5/5	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98(100)	OK	OK	OK	OK	4/4
7.5.	OK	OK	OK	5/5	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98(100)	OK	OK	OK	OK	4/4
8.5.	OK	OK	OK	5/5	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98(100)	OK	OK	OK	OK	4/4
9.5.	OK	OK	OK	5/5	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98(100)	OK	OK	OK	OK	4/4
10.5.	OK	OK	OK	5/5	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98(100)	OK	OK	OK	OK	4/4
11.5.	OK	OK	OK	5/5	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98(100)	OK	OK	OK	OK	4/4
12.5.	OK	OK	OK	5/5	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98(100)	OK	OK	OK	OK	4/4
13.5.	OK	OK	OK	4/4	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98(100)	OK	OK	OK	OK	4/4
14.5.	OK	OK	OK	4/4	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	95/95(100)	OK	OK	OK	OK	4/4
15.5.	OK	OK	OK	4/4	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	?	OK	OK			4/4
16.5.	OK	OK	OK	4/4	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	?	OK	OK			4/4
17.5.	OK	OK	OK	4/4	OK	OK	OK	OK	OK		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98	OK	OK			?
18.5. IOP 13	**OK**	**OK**	**OK**	**4/4**	**OK**	**OK**	**OK**	**OK**	**OK**		**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**6/7**	**98/98 ?**	**OK**	**OK**			**?**
19.5. IOP 14	**OK**	**OK**	**OK**	**4/4**	**OK**	**OK**	**OK**	**OK**	**OK**		**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**	**6/7**	**98/98 ?**	**OK**	**OK**			**4/4**

Date																											
20.5.	OK	OK	OK	4/4	OK	OK	OK				OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98 ?	OK			?	4/4
21.5.	OK	OK	OK	4/4	OK	OK	OK				OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98 ?	OK			?	4/4
22.5.	OK	OK	OK	4/4	OK	OK	OK				OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98 ?	OK			?	4/4
23.5.	OK	OK	OK	4/4	OK	OK	OK			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98 ?	OK			?	4/4
24.5. IOP 15	OK	OK	OK	4/4	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98 ?	OK			OK	4/4
25.5. IOP 16	OK	OK	OK	4/4	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	98/98 ?	OK			OK	4/4
26.5.	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	OK	OK			OK	4/4
27.5. IOP 17	OK	OK	OK	OK	OK	OK	OK	OK	OK: 4W	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	OK	OK	OK		OK	4/4
28.5. IOP 18	OK	OK	OK	5.5/6	OK	OK	OK	OK	OK: 4W	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	OK	(OK)			partly	4/4
29.5.	OK	OK	OK	5.5/6	OK	OK	OK	OK	OK: 4W	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	OK	(OK)				4/4
30.5.	OK	OK	OK	5.5/6	OK	OK	OK	OK	OK: 4W	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	OK	OK				4/4
31.5.	OK	OK	OK	5.5/6	OK	OK	OK	OK	OK: 4W	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	6/7	OK	OK				4/4