Supplement of Atmos. Chem. Phys., 17, 4887–4914, 2017 http://www.atmos-chem-phys.net/17/4887/2017/doi:10.5194/acp-17-4887-2017-supplement © Author(s) 2017. CC Attribution 3.0 License.





Supplement of

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

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

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