

	Lidar stations									
	BAR	MAD	GRA	LLA	SCT	VAL	MUR	CAR	FAR	EVO
Lidar model	Lab.	Lab.	Raymetrics LR321-D400	Eridan LSA-2c	SES Inc. MPL-3	CIMEL Elec. CAML CE370-2	Lab.	Elight UV11	Lab.	Listar GmbH PollyXT
1064 – Elastic	160	-	110	100	-	-	1000	-	110	180
532 – Elastic	160	100	65 ^a	50	0.01 ^b	0.004	500	-	110	110 ^c
355 – Elastic	-	-	60	-	-	-	250	-	-	60
266 – Elastic	-	-	-	-	-	-	110	-	-	-
390-399 – Elastic	-	-	-	-	-	-	Yes	Yes	-	-
255-290 – Elastic	-	-	-	-	-	-	Yes	Yes	-	-
607 – Raman	Yes	Yes	Yes	-	-	-	Yes	-	-	Yes
387 – Raman	-	-	Yes	-	-	-	Yes	-	-	Yes
407 – Raman	-	-	Yes	-	-	-	Yes	-	-	-
PRF (Hz)	10	20	10	10	2500	4600	10	20	10	20
Scanning capability	Yes	Yes	-	Yes	Yes	-	Yes	Yes	-	-
Overlap (km)	0.25	~0.4	0.3	~0.3	1.5		0.2-2	~0.3	1	0.5
Max range (km)	50	15	60-90	10	60	5	50	5	10	61

^a p and s polarization components are detected.

^b The center wavelength is 523 nm.

^c Total and cross polarization components are detected.