

Site and time	PBL	FT	S	AOT (lidar)	AERONET time	AOT (AERONET)
Hohenpeissenberg (lidar, AERONET)						
21 August, 13:00–13:30 UTC	0.09	0.11	0.42	0.61	13:30–16:00 UTC	0.32–0.38
22 August, 13:00–15:00 UTC	0.08	0.03	0.22	0.33	13:00–15:30 UTC	0.23–0.25
Leipzig (lidar, AERONET)						
22 August, 11:00–12:00 UTC	0.21	0.30	0.59	1.10	11:00–12:00 UTC	0.70–0.84
Kosetice (lidar), Brno (AERONET)						
22 August, 15:00–15:30 UTC	0.24	0.24	0.50	0.98	13:30–17:00 UTC	0.57–0.73
22 August, 18:00–19:00 UTC	0.20	0.12	0.47	0.79	17:00 UTC	0.65
22–23 August, 22:30–02:00 UTC	0.20	0.12	0.28	0.60	05:00–05:15 UTC	0.45–0.47