

Alert issued on 2017/06/20 at 06:08  
for period from 2017/06/20 at 08:00 to 2017/06/21 at 16:00

Alerts for 2017/06/20 from 07:30 to 08:30

Easterlies (odor): moderate odor risk (monitor odor production)

Average wind at 2.1 +/- 1.1 [km/hr] from 213 +/- 85 [deg]

Ensemble details:

SWD	40.33	35.26	49.54	35.68	70.27	149.58	92.59
MOL	0.04	0.01	0.00	-0.00	-0.04	-0.08	-0.04
GR1	-0.75	25.01	1.09	32.05	-0.49	-5.52	-2.20
GR2	1.94	3.31	5.71	5.81	-0.38	-0.22	-0.61
PBL	132.30	157.60	152.60	102.80	173.60	271.30	269.30
SPD	1.91	1.16	1.08	0.69	3.69	3.20	3.15
DIR	290.15	79.57	82.84	139.45	277.69	229.54	230.12

Alerts for 2017/06/20 from 10:30 to 11:30

Westerlies (dust): caution: dust when screening

Average wind at 19.5 +/- 1.3 [km/hr] from 284 +/- 3 [deg]

Ensemble details:

SWD	404.04	613.23	734.79	804.80	334.32	326.64	396.82
MOL	-0.16	-0.25	-0.20	-0.13	-0.26	-0.31	-0.31
GR1	-0.27	-0.38	-0.35	-0.34	-0.10	-0.36	-0.17
GR2	-0.28	-0.08	-0.17	-0.25	-0.39	-0.04	-0.10
PBL	237.30	318.20	357.00	384.60	264.70	496.60	513.00
SPD	20.39	20.26	20.88	20.69	18.52	17.72	17.80
DIR	286.95	286.03	286.17	287.48	283.93	279.83	279.64

Alerts for 2017/06/20 from 11:30 to 12:30

Westerlies (dust): caution: dust when screening

Average wind at 21.2 +/- 1.6 [km/hr] from 284 +/- 3 [deg]

Ensemble details:

SWD	651.60	883.58	798.89	897.96	588.20	446.96	154.42
MOL	-0.08	-0.20	-0.21	-0.14	-0.09	-0.26	-19.61
GR1	0.01	-0.36	-0.33	-0.32	-0.06	-0.40	-0.01
GR2	-0.23	-0.07	-0.15	-0.21	-0.41	-0.05	-0.04
PBL	199.70	336.30	331.00	339.70	433.40	539.60	333.60
SPD	21.82	21.95	22.64	22.42	21.99	19.35	18.24
DIR	285.88	286.92	287.71	288.54	283.68	280.62	277.78

Alerts for 2017/06/20 from 12:30 to 13:30

Westerlies (dust): caution: dust when screening

Average wind at 23.7 +/- 1.5 [km/hr] from 288 +/- 2 [deg]

Ensemble details:

SWD	868.48	954.28	945.90	946.12	742.25	945.07	941.88
MOL	-0.12	-0.22	-0.25	-0.20	-0.16	-0.22	-0.25
GR1	-0.24	-0.27	-0.23	-0.21	0.01	-0.40	-0.23
GR2	-0.12	-0.10	-0.13	-0.16	-0.42	-0.09	-0.15
PBL	449.00	433.60	412.00	393.90	434.30	973.70	944.90
SPD	21.97	24.35	25.56	26.16	22.78	22.52	22.64
DIR	285.50	289.26	290.40	291.95	285.51	288.26	288.39

Alerts for 2017/06/20 from 13:30 to 14:30

Westerlies (dust): caution: dust when screening

Average wind at 23.4 +/- 1.2 [km/hr] from 286 +/- 1 [deg]

Ensemble details:

SWD	901.33	939.78	939.90	939.38	865.21	932.64	929.57
MOL	-0.15	-0.26	-0.26	-0.19	-0.12	-0.21	-0.24
GR1	-0.19	-0.27	-0.23	-0.23	-0.05	-0.43	-0.24
GR2	-0.07	-0.09	-0.16	-0.24	-0.18	-0.11	-0.18
PBL	572.40	584.10	571.50	610.80	643.70	1027.70	960.50
SPD	23.43	24.37	24.75	24.68	22.61	22.09	21.77
DIR	284.97	286.76	286.89	288.55	287.46	285.76	284.48

Alerts for 2017/06/20 from 14:30 to 15:30

Westerlies (dust): caution: dust when screening

Average wind at 23.7 +/- 0.6 [km/hr] from 286 +/- 1 [deg]

Ensemble details:

SWD	878.82	857.17	883.49	882.32	898.77	885.63	866.59
MOL	-0.18	-0.29	-0.28	-0.20	-0.13	-0.24	-0.32
GR1	-0.15	-0.26	-0.21	-0.21	-0.02	-0.37	-0.17
GR2	-0.03	-0.08	-0.15	-0.24	-0.14	-0.11	-0.14
PBL	529.50	486.10	466.10	509.50	696.90	1108.20	936.70
SPD	23.58	24.10	24.69	24.13	23.55	23.13	22.97

DIR	283.12	284.74	284.97	285.67	288.64	288.25	286.87
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Alerts for 2017/06/20 from 15:30 to 16:30

Westerlies (dust): caution: dust when screening

Average wind at 24.3 +/- 0.6 [km/hr] from 288 +/- 1 [deg]

Ensemble details:

SWD	802.69	762.57	780.92	779.42	804.22	754.23	758.34
MOL	-0.20	-0.32	-0.33	-0.25	-0.18	-0.30	-0.48
GR1	-0.12	-0.22	-0.17	-0.16	0.00	-0.29	-0.11
GR2	0.02	-0.06	-0.11	-0.15	-0.14	-0.09	-0.10
PBL	462.40	362.20	347.10	337.50	652.00	1088.60	851.10
SPD	24.00	23.61	24.74	24.84	25.08	24.42	23.62
DIR	284.08	287.99	288.81	290.34	290.16	288.04	287.79

Alerts for 2017/06/20 from 16:30 to 17:30

Westerlies (dust): caution: dust when screening

Average wind at 25.3 +/- 0.4 [km/hr] from 287 +/- 1 [deg]

Ensemble details:

SWD	668.34	644.10	641.55	640.51	651.46	634.47	616.16
MOL	-0.23	-0.43	-0.49	-0.36	-0.34	-0.36	-0.97
GR1	-0.08	-0.14	-0.12	-0.11	0.02	-0.22	-0.05
GR2	0.06	-0.04	-0.06	-0.09	-0.13	-0.07	-0.06
PBL	299.70	300.70	292.90	292.30	556.70	896.70	600.50
SPD	24.94	25.23	25.14	25.51	26.16	25.27	24.80
DIR	285.93	285.38	287.16	289.41	288.92	287.05	288.49

Alerts for 2017/06/20 from 17:30 to 18:30

Westerlies (dust): caution: dust when screening

Average wind at 25.5 +/- 1.3 [km/hr] from 286 +/- 0 [deg]

Ensemble details:

SWD	510.85	433.79	478.39	477.04	476.74	496.30	448.20
MOL	-0.47	-0.96	-1.15	-0.80	-1.47	-0.39	-4.22
GR1	-0.04	-0.08	-0.05	-0.04	0.03	-0.19	-0.01
GR2	0.08	-0.01	-0.00	-0.01	-0.09	-0.05	-0.04
PBL	217.00	204.60	191.00	183.70	366.20	632.70	342.50
SPD	25.54	26.18	26.60	27.13	25.66	23.89	23.19
DIR	287.17	285.01	286.78	287.00	287.10	285.45	285.22

Alerts for 2017/06/20 from 18:30 to 19:30

Westerlies (dust): caution: dust when screening

Average wind at 24.8 +/- 2.4 [km/hr] from 285 +/- 2 [deg]

Ensemble details:

SWD	329.30	284.49	299.66	298.73	290.40	271.97	269.08
MOL	-5.23	-3.37	4.34	6.41	0.35	-0.55	0.77
GR1	0.00	-0.02	0.00	0.01	0.04	-0.13	0.05
GR2	0.10	0.02	0.02	0.01	0.00	-0.03	0.00
PBL	142.20	140.70	355.80	342.20	429.30	571.70	784.40
SPD	24.82	26.91	27.14	27.21	24.65	22.71	20.40
DIR	286.62	286.39	287.46	288.38	286.80	282.49	282.01

Alerts for 2017/06/20 from 19:30 to 20:30

Westerlies (dust): caution: dust when screening

Average wind at 22.1 +/- 3.7 [km/hr] from 283 +/- 2 [deg]

Ensemble details:

SWD	154.59	139.40	126.14	126.25	113.48	127.76	99.94
MOL	0.32	1.32	0.63	0.55	0.14	-0.71	0.13
GR1	0.05	0.03	0.05	0.06	0.05	-0.08	0.20
GR2	0.09	0.03	0.03	0.03	0.08	0.00	0.04
PBL	375.20	468.70	593.30	608.80	445.10	453.90	729.70
SPD	23.83	25.49	24.88	23.89	22.53	19.65	14.14
DIR	287.19	283.89	282.54	283.75	286.64	280.77	281.20

Alerts for 2017/06/20 from 20:30 to 21:30

Westerlies (dust): caution: dust when screening

Average wind at 21.8 +/- 5.6 [km/hr] from 283 +/- 2 [deg]

Ensemble details:

SWD	15.86	0.00	3.46	3.96	0.04	0.00	0.01
MOL	0.05	0.44	0.47	0.43	0.10	-2.82	0.02
GR1	0.11	0.05	0.07	0.07	0.05	-0.03	0.56
GR2	0.16	0.04	0.04	0.03	0.14	0.03	0.08
PBL	397.30	594.00	630.50	649.60	444.30	397.60	707.00
SPD	23.78	25.13	26.62	26.60	22.63	17.58	9.93
DIR	287.96	284.21	282.60	282.74	285.98	279.75	281.29

Alerts for 2017/06/20 from 21:30 to 22:30

Westerlies (dust): caution: dust when screening

Average wind at 19.8 +/- 4.6 [km/hr] from 284 +/- 3 [deg]

Ensemble details:

SWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MOL	0.04	0.23	0.27	0.31	0.14	3.11	0.02
GR1	0.13	0.08	0.10	0.09	0.04	0.01	0.52
GR2	0.19	0.05	0.05	0.04	0.12	0.03	0.08
PBL	440.80	645.30	693.20	679.40	440.50	348.70	763.70
SPD	23.41	21.51	21.60	23.52	22.57	16.19	10.10
DIR	290.58	284.75	281.66	280.43	288.08	281.29	281.55

Alerts for 2017/06/20 from 22:30 to 23:30

Westerlies (dust): caution: dust when screening

Average wind at 18.8 +/- 4.9 [km/hr] from 290 +/- 3 [deg]

Ensemble details:

SWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MOL	0.04	0.16	0.21	0.28	0.21	0.52	0.01
GR1	0.10	0.14	0.12	0.10	0.03	0.05	0.64
GR2	0.22	0.05	0.05	0.04	0.14	0.07	0.18
PBL	455.60	661.10	700.40	692.60	321.50	908.20	973.20
SPD	23.50	20.69	20.62	22.77	21.38	13.03	9.51
DIR	293.79	287.82	287.08	285.95	291.98	293.81	294.75

Alerts for 2017/06/20 from 23:30 to 00:30

Westerlies (dust): caution: dust when screening

Average wind at 20.0 +/- 6.1 [km/hr] from 293 +/- 2 [deg]

Ensemble details:

SWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MOL	0.05	0.35	0.41	0.42	0.29	0.35	0.01
GR1	0.13	0.06	0.07	0.07	0.03	0.10	0.61
GR2	0.18	0.05	0.04	0.04	0.16	0.08	0.16
PBL	467.00	631.90	637.80	629.00	368.50	871.30	837.70
SPD	23.78	22.89	25.12	26.17	20.66	11.82	9.79
DIR	296.57	292.08	290.71	289.69	297.01	294.00	293.00

Alerts for 2017/06/21 from 00:30 to 01:30

Westerlies (dust): caution: dust when screening

Average wind at 19.7 +/- 5.2 [km/hr] from 290 +/- 4 [deg]

Ensemble details:

SWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MOL	0.06	0.38	0.34	0.30	0.32	0.34	0.02
GR1	0.08	0.07	0.08	0.10	0.02	0.09	0.53
GR2	0.21	0.05	0.05	0.05	0.17	0.07	0.13
PBL	419.80	569.20	582.70	563.20	426.30	796.50	781.40
SPD	24.18	23.27	23.05	23.23	21.01	12.91	10.48
DIR	295.35	290.29	288.33	285.68	299.05	285.97	287.13

Alerts for 2017/06/21 from 01:30 to 02:30

Westerlies (dust): caution: dust when screening

Average wind at 20.4 +/- 4.8 [km/hr] from 288 +/- 4 [deg]

Ensemble details:

SWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MOL	0.07	0.42	0.34	0.27	1.00	0.50	0.03
GR1	0.07	0.07	0.09	0.10	-0.00	0.07	0.45
GR2	0.21	0.04	0.05	0.05	0.15	0.05	0.10
PBL	358.80	529.40	581.60	589.60	428.10	744.20	737.00
SPD	25.26	24.09	22.69	22.20	22.38	15.03	11.37
DIR	293.19	288.78	289.63	290.37	294.52	281.00	282.82

Alerts for 2017/06/21 from 02:30 to 03:30

Westerlies (dust): caution: dust when screening

Average wind at 21.1 +/- 4.3 [km/hr] from 285 +/- 3 [deg]

Ensemble details:

SWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MOL	0.09	0.49	0.35	0.23	-1.15	0.86	0.06
GR1	0.03	0.07	0.09	0.12	-0.02	0.05	0.34
GR2	0.20	0.04	0.05	0.05	0.14	0.04	0.08
PBL	343.30	498.60	549.60	578.40	412.80	660.10	668.80
SPD	25.91	24.68	22.57	20.55	23.87	17.64	12.71
DIR	288.10	283.88	285.29	287.25	290.24	279.62	281.28

Alerts for 2017/06/21 from 03:30 to 04:30

Westerlies (dust): caution: dust when screening

Average wind at 20.9 +/- 4.6 [km/hr] from 281 +/- 3 [deg]

Ensemble details:

SWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MOL	0.09	0.42	0.33	0.22	-0.38	0.85	0.05
GR1	0.04	0.06	0.09	0.12	-0.03	0.06	0.39
GR2	0.22	0.04	0.05	0.05	0.15	0.04	0.08
PBL	285.20	511.90	578.20	594.20	438.30	656.20	666.10
SPD	26.35	24.53	22.13	20.47	23.98	17.19	11.94
DIR	282.68	278.04	277.63	278.37	288.07	281.47	283.36

Alerts for 2017/06/21 from 04:30 to 05:30

Westerlies (dust): caution: dust when screening

Average wind at 20.7 +/- 4.6 [km/hr] from 280 +/- 3 [deg]

Ensemble details:

SWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MOL	0.09	0.39	0.35	0.28	-0.20	0.78	0.04
GR1	0.02	0.06	0.09	0.10	-0.04	0.06	0.42
GR2	0.25	0.06	0.06	0.06	0.18	0.04	0.09
PBL	289.60	464.70	518.50	518.80	448.40	662.60	672.30
SPD	25.69	23.79	21.88	21.27	23.82	16.83	11.50
DIR	280.42	275.89	276.79	279.57	287.00	282.21	284.81

Alerts for 2017/06/21 from 05:30 to 06:30

Westerlies (dust): caution: dust when screening

Average wind at 20.9 +/- 4.1 [km/hr] from 281 +/- 3 [deg]

Ensemble details:

SWD	20.06	45.57	50.78	47.69	52.19	61.38	30.50
MOL	0.11	0.66	0.60	0.46	-0.16	2.02	0.08
GR1	0.01	0.04	0.06	0.07	-0.05	0.05	0.28
GR2	0.18	0.04	0.05	0.05	0.09	0.03	0.07
PBL	290.50	480.10	512.90	514.20	469.40	696.20	703.70
SPD	25.54	23.14	22.36	21.47	23.96	17.43	12.55
DIR	280.47	277.14	278.35	278.69	286.25	282.47	285.50

Alerts for 2017/06/21 from 06:30 to 07:30

Westerlies (dust): caution: dust when screening

Average wind at 23.9 +/- 2.1 [km/hr] from 281 +/- 3 [deg]

Ensemble details:

SWD	151.50	174.19	208.31	204.38	225.23	189.74	179.78
MOL	4.72	-3.54	-1.87	-1.52	-0.19	-1.63	1.86
GR1	-0.01	-0.03	-0.02	-0.02	-0.05	-0.03	0.02
GR2	-0.15	-0.02	-0.01	-0.02	-0.55	-0.04	-0.02
PBL	184.40	216.30	212.10	212.20	373.40	432.20	666.00
SPD	25.65	25.21	25.26	23.93	25.85	21.40	20.26
DIR	280.11	277.40	278.58	275.72	285.43	284.38	286.53

Alerts for 2017/06/21 from 07:30 to 08:30

Westerlies (dust): caution: dust when screening

Average wind at 24.8 +/- 1.3 [km/hr] from 280 +/- 3 [deg]

Ensemble details:

SWD	340.16	399.02	386.45	381.53	418.03	337.35	357.57
MOL	-0.29	-0.48	-0.55	-0.43	-0.12	-0.69	-0.79
GR1	-0.07	-0.09	-0.08	-0.08	-0.06	-0.10	-0.06
GR2	-0.50	-0.16	-0.14	-0.16	-1.87	-0.11	-0.14
PBL	259.00	352.40	357.80	355.50	517.30	574.40	574.30
SPD	25.22	25.37	25.67	24.69	26.71	23.10	22.59
DIR	279.83	277.86	278.99	276.73	283.58	283.72	286.22

Alerts for 2017/06/21 from 08:30 to 09:30

Westerlies (dust): caution: dust when screening

Average wind at 23.6 +/- 1.5 [km/hr] from 279 +/- 3 [deg]

Ensemble details:

SWD	518.55	543.34	558.99	554.89	509.10	562.35	533.39
MOL	-0.16	-0.31	-0.27	-0.19	-0.11	-0.39	-0.41
GR1	-0.12	-0.20	-0.19	-0.22	-0.08	-0.18	-0.12
GR2	-1.08	-0.25	-0.33	-0.43	-3.52	-0.18	-0.23
PBL	321.20	491.30	534.20	582.00	573.40	709.80	722.70
SPD	24.68	23.28	22.94	21.34	26.69	23.38	23.00
DIR	278.79	275.32	277.19	276.19	282.77	283.69	285.55

Alerts for 2017/06/21 from 09:30 to 10:30

Westerlies (dust): caution: dust when screening

Average wind at 24.0 +/- 1.4 [km/hr] from 279 +/- 2 [deg]

Ensemble details:

SWD	678.70	679.27	714.15	710.52	677.72	695.80	692.50
MOL	-0.12	-0.24	-0.22	-0.18	-0.10	-0.31	-0.29
GR1	-0.16	-0.26	-0.24	-0.24	-0.08	-0.26	-0.19
GR2	-1.43	-0.40	-0.42	-0.45	-3.97	-0.21	-0.31
PBL	403.30	531.30	599.40	575.20	583.40	759.40	761.20
SPD	24.36	23.50	23.31	23.26	27.22	23.38	22.85
DIR	277.81	274.71	277.14	279.14	280.84	281.91	282.80

Alerts for 2017/06/21 from 10:30 to 11:30

Westerlies (dust): caution: dust when screening

Average wind at 25.0 +/- 1.5 [km/hr] from 278 +/- 1 [deg]

Ensemble details:

SWD	807.92	840.67	837.36	833.82	829.68	850.61	820.92
MOL	-0.11	-0.20	-0.22	-0.17	-0.09	-0.27	-0.26
GR1	-0.19	-0.25	-0.24	-0.24	-0.08	-0.31	-0.22
GR2	-1.79	-0.49	-0.42	-0.45	-3.44	-0.24	-0.36
PBL	436.30	559.60	573.40	592.30	572.80	788.80	786.80
SPD	24.43	25.13	25.28	24.86	28.21	23.70	23.21
DIR	275.94	277.07	279.23	279.65	279.11	280.33	280.89

Alerts for 2017/06/21 from 11:30 to 12:30

Westerlies (dust): caution: dust when screening

Average wind at 24.8 +/- 1.5 [km/hr] from 278 +/- 2 [deg]

Ensemble details:

SWD	907.12	910.68	918.94	916.64	927.00	915.43	908.01
MOL	-0.09	-0.21	-0.20	-0.15	-0.09	-0.25	-0.25
GR1	-0.20	-0.28	-0.28	-0.29	-0.08	-0.34	-0.23
GR2	-0.00	-0.39	-0.42	-0.53	-3.48	-0.29	-0.37
PBL	525.20	567.30	626.60	658.90	573.30	795.00	803.20
SPD	24.44	25.19	24.28	23.74	28.26	23.95	23.42
DIR	274.85	276.35	277.17	276.45	279.71	280.92	281.82

Alerts for 2017/06/21 from 12:30 to 13:30

Westerlies (dust): caution: dust when screening

Average wind at 24.6 +/- 1.2 [km/hr] from 278 +/- 3 [deg]

Ensemble details:

SWD	956.25	954.29	953.51	953.15	969.69	949.65	950.30
MOL	-0.10	-0.21	-0.20	-0.16	-0.08	-0.24	-0.25
GR1	-0.19	-0.31	-0.28	-0.28	-0.07	-0.36	-0.22
GR2	-1.21	-0.38	-0.40	-0.54	-3.34	-0.30	-0.36
PBL	552.90	633.90	635.40	670.40	583.30	798.00	797.40
SPD	24.17	24.16	24.32	24.16	27.43	24.15	23.81
DIR	273.60	275.51	277.37	276.74	280.05	281.83	282.77

Alerts for 2017/06/21 from 13:30 to 14:30

Westerlies (dust): caution: dust when screening

Average wind at 24.4 +/- 1.1 [km/hr] from 280 +/- 4 [deg]

Ensemble details:

SWD	959.06	937.96	936.71	938.10	945.47	931.33	939.80
MOL	-0.10	-0.20	-0.22	-0.17	-0.09	-0.25	-0.29
GR1	-0.20	-0.31	-0.26	-0.26	-0.06	-0.34	-0.19
GR2	-0.58	-0.36	-0.37	-0.52	-2.29	-0.26	-0.29
PBL	535.80	616.90	607.70	633.90	576.30	790.30	778.70
SPD	22.80	23.77	24.31	24.10	26.60	24.83	24.62
DIR	273.19	276.25	277.98	278.13	284.54	285.14	285.76

Alerts for 2017/06/21 from 14:30 to 15:30

Westerlies (dust): caution: dust when screening

Average wind at 26.2 +/- 1.5 [km/hr] from 282 +/- 6 [deg]

Ensemble details:

SWD	908.65	886.96	870.64	873.72	884.59	876.49	880.91
MOL	-0.11	-0.25	-0.31	-0.23	-0.12	-0.31	-0.48
GR1	-0.16	-0.23	-0.18	-0.18	-0.03	-0.24	-0.11
GR2	-0.31	-0.22	-0.22	-0.33	-0.96	-0.19	-0.16
PBL	490.50	579.00	528.00	595.50	535.00	849.10	770.90
SPD	22.97	25.42	26.31	26.01	27.37	27.52	27.55
DIR	273.34	278.39	279.80	278.97	288.98	290.58	290.83

Alerts for 2017/06/21 from 15:30 to 16:30

Westerlies (dust): caution: dust when screening

Average wind at 27.3 +/- 1.5 [km/hr] from 283 +/- 3 [deg]

Ensemble details:

SWD	813.82	753.27	760.83	765.40	767.81	788.27	776.91
MOL	-0.13	-0.36	-0.45	-0.33	-0.19	-0.36	-0.72

GR1	-0.11	-0.16	-0.12	-0.12	-0.01	-0.20	-0.07
GR2	-0.19	-0.13	-0.12	-0.19	-0.65	-0.15	-0.11
PBL	415.30	517.70	452.50	500.50	495.20	894.60	835.80
SPD	23.66	26.97	27.86	27.88	27.71	28.31	28.48
DIR	276.27	281.53	282.66	281.10	285.45	286.99	287.93

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Legend:

Each row in details contains variable values  
for 7 ensemble members

Variables:

SWD - down-welling shortwave radiation [W/m-2]  
MOL - Monin-Obukhov Length [m]  
GR1 - lower bulk Richardson number [1]  
GR2 - upper bulk Richardson number [1]  
PBL - PBL depth [m]  
SPD - wind speed [km/hr]  
DIR - wind direction (from) [deg]