

2013

Landsliding on the south east coast of the Isle of Wight: nature, characteristics and causes

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Appendices:

Appendix A

MONTHLY CLIMATOLOGICAL SUMMARY for MAY. 2012

NAME: Newport CITY: Newport STATE: Isle of Wight
 ELEV: 15 m LAT: 50° 43' 13" N LONG: 1° 16' 14" W

TEMPERATURE (°C), RAIN (mm), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	HIGH		DIR
1	12.7	16.8	15:55	6.8	00:00	5.6	0.0	4.2	2.6	16.0	13:40	SW
2	10.7	14.1	14:35	4.3	3:45	7.6	0.0	0.4	3.7	15.0	14:50	NW
3	9.9	11.2	0:05	9.1	23:50	8.4	0.0	1.0	2.0	12.0	11:25	N
4	9.6	11.8	11:45	8.1	5:45	8.7	0.0	0.2	3.9	15.0	21:10	N
5	8.1	10.1	15:50	5.9	8:45	10.3	0.0	1.8	6.3	19.0	12:05	NNE
6	7.3	10.6	19:45	3.1	23:55	11.0	0.0	1.2	4.4	18.0	10:10	NE
7	9.3	15.3	16:50	2.7	4:20	9.0	0.0	3.0	3.6	23.0	13:55	SSW
8	13.4	17.7	15:35	10.6	5:40	4.9	0.0	1.4	3.0	16.0	16:10	SSW
9	13.3	15.1	17:35	11.4	3:25	5.0	0.0	6.8	5.9	28.0	23:15	SSW
10	14.2	15.8	12:25	12.4	23:55	4.1	0.0	7.2	10.0	33.0	0:05	SSW
11	12.4	16.3	15:15	9.1	23:55	5.9	0.0	0.0	6.9	22.0	1:35	WSW
12	11.2	16.4	15:40	6.6	5:35	7.1	0.0	0.0	5.1	17.0	6:55	NNW
13	10.7	16.6	14:45	2.8	5:50	7.6	0.0	0.2	3.9	18.0	14:25	SW
14	10.1	12.7	9:45	7.7	5:25	8.2	0.0	1.4	6.3	21.0	8:35	SW
15	9.2	14.8	15:45	5.7	00:00	9.1	0.0	0.2	6.9	24.0	10:35	NW
16	9.4	15.2	14:00	2.9	5:25	8.8	0.0	0.0	3.7	19.0	13:25	SW
17	10.3	15.3	13:55	5.4	2:55	8.0	0.0	0.0	3.4	21.0	18:25	E
18	11.6	14.3	13:15	8.4	5:55	6.7	0.0	1.0	3.9	21.0	19:55	ENE
19	12.8	16.1	11:50	9.2	6:20	5.5	0.0	0.0	2.3	19.0	0:05	SSW
20	11.7	14.2	14:20	9.2	5:30	6.6	0.0	0.0	6.3	18.0	16:50	N
21	13.6	18.9	15:40	9.8	6:05	4.7	0.0	0.0	5.9	16.0	9:30	NNW
22	18.3	25.3	15:55	11.4	5:40	2.4	2.4	0.0	4.6	18.0	15:00	NW
23	19.1	26.3	14:10	12.2	5:55	1.7	2.5	0.0	3.1	14.0	17:05	WSW
24	19.6	26.6	15:05	12.8	5:40	1.4	2.7	0.0	1.6	12.0	15:50	NNW
25	20.4	26.6	14:45	13.7	5:25	1.2	3.2	0.0	3.6	21.0	16:45	NE
26	20.5	25.4	15:15	15.7	6:00	0.6	2.9	0.0	5.1	24.0	13:55	ENE
27	18.3	24.8	16:55	11.4	5:45	2.0	2.0	0.0	1.8	12.0	10:30	SSW
28	18.1	23.7	12:20	13.8	4:20	1.7	1.5	0.0	3.9	16.0	14:00	SW
29	18.4	23.9	14:35	12.7	5:50	1.8	1.8	0.0	3.1	13.0	16:00	SW
30	16.7	23.6	12:50	13.1	6:10	2.4	0.7	0.0	2.7	15.0	18:50	SSW
31	15.7	19.7	13:25	12.3	4:55	2.6	0.1	0.0	5.3	24.0	16:25	WSW

	13.4	26.6	24	2.7	7	170.6	19.8	30.0	4.3	33.0	10	SW

Monthly rainfall data for isle of wight for the month of May (Isle of Wight weather, 2013a)

Appendix B

MONTHLY CLIMATOLOGICAL SUMMARY for JUN. 2012

NAME: Newport CITY: Newport STATE: Isle of Wight
 ELEV: 15 m LAT: 50° 43' 13" N LONG: 1° 16' 14" W

TEMPERATURE (°C), RAIN (mm), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	17.7	21.2	12:25	14.0	00:00	1.3	0.7	0.0	1.9	9.0	15:25	W
2	15.6	20.2	14:35	11.8	3:00	2.8	0.1	2.4	4.4	21.0	13:30	E
3	15.2	18.3	14:30	13.7	00:00	3.2	0.0	1.6	7.7	26.0	19:20	SW
4	12.2	14.8	16:10	8.9	00:00	6.1	0.0	0.0	5.1	23.0	7:05	N
5	11.8	13.7	22:25	8.1	1:10	6.5	0.0	10.6	3.1	18.0	19:15	ESE
6	14.1	16.7	11:50	12.7	5:15	4.2	0.0	1.4	7.4	24.0	13:05	SW
7	14.3	16.4	16:15	13.5	2:10	4.0	0.0	12.8	8.1	38.0	18:30	SSW
8	14.2	16.9	13:35	12.5	22:30	4.2	0.0	1.0	14.9	39.0	9:00	SW
9	14.0	17.7	14:20	11.1	5:00	4.3	0.0	0.0	8.6	26.0	13:20	WSW
10	12.5	14.3	12:45	9.8	4:35	5.8	0.0	1.0	3.5	17.0	15:00	ENE
11	12.2	12.9	11:50	11.1	23:15	6.2	0.0	5.6	8.1	22.0	16:00	NW
12	12.0	14.2	17:10	10.4	9:55	6.3	0.0	12.4	5.2	17.0	7:45	NNW
13	13.0	16.8	16:20	8.9	23:55	5.3	0.0	0.2	1.4	13.0	12:15	E
14	13.2	17.3	13:30	8.8	3:30	5.1	0.0	5.8	3.8	22.0	23:55	E
15	15.1	17.9	12:05	13.2	5:20	3.3	0.0	1.2	7.3	30.0	15:55	SSW
16	14.7	17.7	14:20	13.1	2:05	3.6	0.0	0.2	12.3	36.0	9:55	SW
17	14.9	18.6	14:25	11.3	00:00	3.4	0.0	2.4	5.9	20.0	2:00	SW
18	14.3	18.8	13:55	10.8	5:50	4.0	0.0	5.6	3.7	21.0	15:15	SW
19	14.9	19.4	15:45	9.3	5:35	3.5	0.1	0.0	1.4	12.0	13:35	SE
20	15.6	20.9	14:35	8.5	3:45	3.2	0.5	0.0	2.7	20.0	23:50	E
21	14.3	16.1	0:05	11.4	21:10	4.0	0.0	16.8	6.0	32.0	19:55	SW
22	14.8	17.3	12:30	12.4	0:05	3.4	0.0	0.0	12.4	35.0	11:30	SW
23	14.8	17.6	14:50	12.3	3:15	3.5	0.0	0.4	7.7	25.0	11:55	SW
24	15.6	19.1	15:40	12.9	1:35	2.8	0.0	11.8	8.1	25.0	5:25	SW
25	15.4	19.8	12:55	10.4	4:25	3.0	0.2	0.0	3.6	15.0	14:20	SW
26	15.9	19.3	13:45	13.4	4:05	2.4	0.0	0.0	2.6	13.0	17:10	SSW
27	16.8	19.3	18:50	14.2	5:25	1.6	0.1	0.2	3.1	14.0	10:50	SW
28	18.2	24.8	11:30	14.8	23:40	1.2	1.1	0.2	5.0	22.0	17:15	SW
29	16.2	19.1	14:10	14.2	2:05	2.2	0.0	1.2	8.2	32.0	8:55	SSW
30	15.8	18.2	15:40	13.8	00:00	2.5	0.0	1.8	8.3	24.0	15:50	SW

14.6 24.8 28 8.1 5 112.7 2.8 96.5 6.1 39.0 8 SW

Monthly rainfall data for Isle of Wight for the month of June (Isle of Wight weather, 2013b)