

MONTHLY CLIMATOLOGICAL SUMMARY for AUG. 2013

NAME: camaleño CITY: Los Llanos, Camaleño STATE: Cantabria, Spain  
 ELEV: 574 m LAT: 43° 8.275 LONG: 4° 42.741

TEMPERATURE (°C), RAIN (mm), WIND SPEED (km/hr)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	23.2	34.7	18:35	14.2	5:05	0.8	5.7	0.0	5.0	43.5	17:45	WSW
2	18.9	28.4	14:50	12.4	8:50	1.7	2.4	0.0	5.0	35.4	14:00	NNW
3	17.3	22.7	13:35	14.8	23:55	1.6	0.6	0.0	2.3	24.1	14:30	N
4	19.2	28.6	16:00	12.2	7:10	2.0	2.9	0.0	2.9	19.3	17:40	ENE
5	16.4	21.1	14:10	12.4	7:35	2.2	0.3	0.0	2.4	12.9	14:15	WSW
6	17.7	23.0	14:40	14.3	5:10	1.5	0.9	0.0	2.1	14.5	18:00	SSW
7	16.3	20.5	18:00	12.9	23:50	2.2	0.2	1.0	1.3	12.9	14:15	N
8	16.4	22.4	15:15	11.5	7:45	2.8	1.0	0.0	3.7	22.5	13:55	SSW
9	18.1	27.1	15:45	10.8	8:00	2.5	2.3	0.0	2.7	16.1	16:45	NNW
10	19.5	28.7	17:30	12.1	7:45	1.9	3.0	0.0	2.1	19.3	16:35	NE
11	19.5	28.9	14:45	11.3	8:50	2.1	3.3	0.0	2.6	17.7	15:55	NE
12	18.6	21.1	15:50	16.8	6:05	0.3	0.6	0.0	1.1	11.3	17:00	ENE
13	17.9	22.3	17:25	15.6	7:00	1.0	0.7	0.0	1.3	11.3	20:10	N
14	19.3	26.5	16:20	15.1	6:50	1.2	2.1	0.0	1.6	14.5	18:20	NE
15	19.3	28.9	15:55	12.2	7:10	2.0	3.1	0.0	2.3	14.5	17:30	N
16	17.5	21.4	15:30	13.3	7:00	1.4	0.6	0.0	1.9	14.5	16:00	WSW
17	18.8	28.1	16:00	11.3	7:25	2.2	2.7	0.0	3.4	17.7	16:55	SSW
18	19.8	29.2	15:15	12.6	8:05	1.8	3.3	0.0	2.9	24.1	15:50	NNW
19	17.7	19.6	14:45	15.6	9:20	0.9	0.2	2.4	1.1	16.1	16:20	N
20	18.1	28.2	17:30	9.6	8:45	2.8	2.5	0.0	3.4	17.7	6:45	SSW
21	21.5	34.9	15:45	11.7	6:55	2.1	5.3	0.0	3.7	16.1	5:00	WSW
22	19.8	27.9	15:45	14.4	7:50	1.2	2.7	0.0	2.7	14.5	15:45	WSW
23	18.8	26.2	16:40	15.4	23:50	1.1	1.6	0.0	1.8	14.5	16:50	NE
24	15.8	21.2	12:55	13.8	3:35	2.0	0.1	0.0	1.9	19.3	12:40	ENE
25	17.1	25.0	15:50	10.9	9:15	2.7	1.4	0.0	2.9	24.1	18:25	NNW
26	16.2	20.4	14:05	12.2	9:25	2.4	0.2	0.0	1.9	16.1	14:00	NE
27	16.6	22.8	15:10	11.9	8:15	2.6	0.9	0.0	3.4	24.1	17:00	N
28	16.2	21.9	15:10	11.7	8:30	2.7	0.6	0.0	3.4	22.5	17:55	N
29	15.6	23.2	15:35	9.2	7:35	3.8	1.1	0.0	4.0	20.9	16:20	WSW
30	15.3	24.2	14:45	8.3	8:50	4.3	1.2	0.0	3.7	22.5	16:55	WSW
31	16.1	24.2	15:35	9.6	9:50	3.4	1.2	0.0	3.4	20.9	17:50	WSW
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	18.0	34.9	21	8.3	30	63.2	54.7	3.4	2.7	43.5	1	N

Max >= 32.0: 2  
 Max <= 0.0: 0  
 Min <= 0.0: 0  
 Min <= -18.0: 0  
 Max Rain: 2.39 ON 19-08-13  
 Days of Rain: 2 (> .2 mm) 1 (> 2 mm) 0 (> 20 mm)  
 Heat Base: 18.3 Cool Base: 18.3 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for SEP. 2013

NAME: camaleño CITY: Los Llanos, Camaleño STATE: Cantabria, Spain  
 ELEV: 574 m LAT: 43° 8.275 LONG: 4° 42.741

TEMPERATURE (°C), RAIN (mm), WIND SPEED (km/hr)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	17.0	25.2	17:15	10.6	8:25	2.9	1.6	0.0	3.5	19.3	17:55	SSW
2	17.9	28.7	16:15	9.7	10:00	2.9	2.5	0.0	3.7	17.7	6:05	SSW
3	19.3	32.9	15:50	8.9	8:45	3.0	3.9	0.0	4.2	17.7	5:05	WSW
4	21.6	33.2	15:55	12.7	5:55	1.3	4.6	0.0	4.0	20.9	15:25	WSW
5	17.3	23.5	15:00	14.0	3:55	1.8	0.8	6.2	2.4	16.1	6:35	WSW
6	14.4	16.1	15:10	12.9	2:10	3.8	0.0	2.8	0.6	8.0	4:35	ENE
7	13.2	15.8	13:10	11.7	23:55	4.5	0.0	2.6	0.6	12.9	16:15	NE
8	13.7	19.1	17:40	10.8	7:35	4.7	0.0	0.2	1.6	19.3	14:50	NE
9	15.4	24.7	15:45	9.2	8:05	4.1	1.2	0.0	3.2	16.1	16:45	SSW
10	15.8	20.6	13:15	12.3	23:45	2.6	0.2	0.4	2.1	19.3	14:15	N
11	14.0	19.2	17:25	10.3	8:05	4.3	0.0	0.2	2.6	17.7	16:00	N
12	14.1	24.0	17:20	7.7	8:10	5.2	1.0	0.0	2.6	12.9	5:05	ENE
13	15.7	26.3	16:35	8.3	8:05	4.3	1.7	0.0	2.7	14.5	17:30	WSW
14	16.4	25.4	16:20	10.0	7:00	3.1	1.2	0.0	2.6	16.1	17:15	ENE
15	14.6	18.7	16:45	11.3	22:15	3.8	0.0	0.8	1.4	12.9	0:20	ENE
16	14.7	24.4	15:40	8.3	7:55	4.5	0.9	0.0	3.1	20.9	16:10	N
17	15.6	22.7	15:20	10.8	8:20	3.4	0.7	0.0	2.6	19.3	15:40	S
18	16.0	24.4	15:10	9.3	8:50	3.5	1.2	0.0	3.1	17.7	16:20	SSW
19	16.7	23.6	16:20	11.8	8:00	2.8	1.2	0.0	3.9	14.5	4:50	SSW
20	17.2	24.7	15:30	11.4	5:40	2.4	1.3	0.0	2.7	22.5	16:30	NNW
21	17.7	27.1	16:10	11.4	8:00	2.5	1.9	0.0	2.7	16.1	16:50	ENE
22	17.9	31.4	16:50	7.9	8:10	3.5	3.2	0.0	4.0	14.5	3:30	WSW
23	20.7	32.8	15:30	12.6	10:20	1.7	4.1	0.0	4.2	20.9	17:10	WSW
24	19.0	30.5	16:00	11.8	7:50	2.0	2.7	0.0	3.1	24.1	15:20	WSW
25	20.1	27.8	17:20	13.0	7:30	1.5	3.3	0.0	3.1	24.1	10:50	W
26	20.2	29.7	16:40	13.6	4:40	1.4	3.3	0.0	4.2	33.8	14:50	WSW
27	20.6	25.9	15:20	14.9	00:00	0.4	2.7	1.6	4.2	30.6	11:20	WSW
28	16.1	22.0	16:20	13.2	5:20	2.8	0.6	4.2	4.2	32.2	16:30	SSW
29	16.1	21.5	17:10	12.4	6:10	2.8	0.6	0.8	1.8	12.9	17:30	N
30	19.9	25.8	16:20	14.2	9:20	1.0	2.6	0.2	5.0	25.7	16:10	WSW
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	17.0	33.2	4	7.7	12	88.6	48.9	20.0	3.0	33.8	26	WSW

Max >= 32.0: 3  
 Max <= 0.0: 0  
 Min <= 0.0: 0  
 Min <= -18.0: 0  
 Max Rain: 6.20 ON 05-09-13  
 Days of Rain: 11 (> .2 mm) 4 (> 2 mm) 0 (> 20 mm)  
 Heat Base: 18.3 Cool Base: 18.3 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for OCT. 2013

NAME: camaleño CITY: Los Llanos, Camaleño STATE: Cantabria, Spain  
 ELEV: 574 m LAT: 43° 8.275 LONG: 4° 42.741

TEMPERATURE (°C), RAIN (mm), WIND SPEED (km/hr)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	19.4	24.2	15:50	16.8	10:00	0.4	1.5	1.8	4.3	29.0	15:10	SSW
2	19.3	26.7	15:00	15.6	7:00	0.9	1.9	0.0	3.7	25.7	15:50	SSW
3	19.8	23.9	16:10	15.7	6:20	0.4	1.9	2.4	6.4	54.7	5:20	S
4	14.5	22.1	13:50	9.9	00:00	4.1	0.3	8.6	3.4	24.1	17:30	SSW
5	12.4	20.3	15:40	7.1	8:50	6.0	0.1	0.2	2.1	16.1	17:10	WSW
6	14.4	21.4	15:40	10.1	5:10	4.2	0.3	0.0	2.4	17.7	18:10	SSW
7	13.7	21.7	16:50	9.4	3:50	5.1	0.4	0.0	3.1	14.5	9:30	SSW
8	13.7	21.3	16:10	9.8	9:10	4.9	0.3	0.0	2.4	12.9	8:20	SSW
9	13.9	20.9	16:50	10.0	7:30	4.7	0.3	0.0	2.3	11.3	8:20	SSW
10	13.6	18.5	15:10	11.4	00:00	4.7	0.0	0.0	2.6	16.1	18:20	N
11	10.7	14.8	16:10	7.8	23:50	7.6	0.0	0.2	1.4	19.3	17:30	NNW
12	9.3	18.6	16:20	3.2	9:50	9.0	0.0	0.0	3.5	14.5	4:30	SSW
13	11.2	19.4	15:00	5.0	6:30	7.2	0.0	0.4	2.3	16.1	22:00	SSW
14	12.2	18.3	15:00	7.1	8:10	6.1	0.0	0.0	1.9	16.1	7:00	WSW
15	14.7	19.3	18:40	12.2	3:00	3.7	0.0	11.4	1.4	14.5	18:20	WSW
16	15.7	21.7	14:30	11.2	7:10	3.1	0.4	0.0	1.9	17.7	14:00	W
17	16.6	24.8	16:30	12.7	9:20	2.8	1.1	0.2	1.4	22.5	15:20	NE
18	16.9	22.2	12:40	12.3	6:50	2.1	0.7	0.0	4.0	27.4	11:30	WSW
19	16.8	20.9	16:00	13.3	9:30	1.9	0.4	2.8	5.5	40.2	11:40	WSW
20	16.8	18.9	17:40	14.2	7:00	1.5	0.0	0.0	6.9	38.6	00:00	SSW
21	18.5	20.7	18:10	14.4	8:40	0.5	0.6	0.0	7.7	46.7	3:20	SSW
22	16.0	20.1	1:20	12.6	8:50	2.5	0.2	8.6	6.9	59.5	2:10	SSW
23	16.0	20.4	16:30	10.3	22:50	2.5	0.2	0.0	6.1	41.8	0:40	SSW
24	16.9	20.0	13:30	12.9	0:10	1.6	0.2	5.6	4.7	53.1	19:50	SSW
25	15.8	19.9	15:30	11.6	8:40	2.6	0.1	1.2	4.0	33.8	0:20	S
26	13.6	18.7	16:20	10.0	10:00	4.7	0.0	0.4	4.7	32.2	17:20	SSW
27	17.0	22.3	16:00	10.4	9:00	2.0	0.7	0.0	8.2	45.1	23:20	S
28	14.1	19.3	6:20	7.0	00:00	4.3	0.0	3.2	5.3	54.7	6:50	N
29	8.2	14.4	13:50	3.5	8:20	10.2	0.0	0.0	3.4	20.9	13:20	WSW
30	7.3	15.4	15:50	3.4	9:40	10.9	0.0	0.0	3.4	16.1	21:30	SW
31	8.2	17.9	15:00	2.6	7:40	10.1	0.0	0.0	3.7	19.3	22:10	WSW
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	14.4	26.7	2	2.6	31	132.1	12.0	47.0	3.9	59.5	22	SSW

Max >= 32.0: 0  
 Max <= 0.0: 0  
 Min <= 0.0: 0  
 Min <= -18.0: 0  
 Max Rain: 11.40 ON 15-10-13  
 Days of Rain: 14 (> .2 mm) 7 (> 2 mm) 0 (> 20 mm)  
 Heat Base: 18.3 Cool Base: 18.3 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for NOV. 2013

NAME: camaleño CITY: Los Llanos, Camaleño STATE: Cantabria, Spain  
 ELEV: 574 m LAT: 43° 8.275 LONG: 4° 42.741

TEMPERATURE (°C), RAIN (mm), WIND SPEED (km/hr)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	13.9	18.7	15:20	8.7	0:10	4.4	0.0	0.0	7.6	41.8	17:20	WSW
2	14.7	18.8	12:30	11.0	23:30	3.7	0.0	13.0	2.6	35.4	0:20	N
3	10.2	15.5	15:10	7.1	7:40	8.1	0.0	0.2	1.8	11.3	15:50	SSW
4	10.6	15.3	17:30	8.6	5:10	7.7	0.0	48.8	2.7	35.4	17:30	WSW
5	16.8	21.2	16:00	10.7	1:10	2.1	0.6	0.6	7.1	41.8	14:30	SSW
6	12.4	21.6	15:40	8.1	8:10	6.2	0.3	0.0	3.1	12.9	0:10	WSW
7	12.6	20.2	15:20	7.4	10:10	5.8	0.1	0.0	4.3	30.6	21:10	WSW
8	11.9	16.8	1:00	5.0	00:00	6.4	0.0	1.0	3.2	33.8	1:20	N
9	8.7	15.8	15:20	1.9	8:30	9.6	0.0	0.0	4.5	43.5	14:10	SSW
10	10.3	17.7	14:40	6.4	8:50	8.0	0.0	0.0	3.2	29.0	13:30	WSW
11	10.4	16.3	15:10	6.9	7:40	7.8	0.0	0.0	2.7	11.3	3:00	SW
12	10.6	13.1	16:00	9.4	3:10	7.7	0.0	0.0	1.4	12.9	10:20	N
13	9.9	12.9	14:50	6.2	00:00	8.4	0.0	0.0	1.9	11.3	15:50	SW
14	7.7	11.7	15:40	5.3	23:00	10.6	0.0	0.0	3.4	17.7	13:20	SSW
15	4.4	7.3	1:30	1.6	23:30	13.8	0.0	51.2	3.4	17.7	22:10	SSW
16	3.8	7.8	14:50	0.8	3:30	14.5	0.0	18.6	3.4	16.1	8:00	SSW
17	5.9	8.4	15:20	2.7	3:00	12.4	0.0	0.2	1.9	16.1	3:30	NE
18	6.5	9.6	15:50	4.6	9:30	11.8	0.0	0.6	1.8	12.9	21:20	SSW
19	5.6	7.8	14:20	3.5	23:40	12.8	0.0	28.4	2.4	24.1	19:50	SSW
20	3.5	9.2	15:50	1.1	22:30	14.8	0.0	1.4	1.8	12.9	0:10	WNW
21	5.9	10.3	10:50	1.3	0:20	12.4	0.0	3.6	4.8	49.9	22:30	SSW
22	2.9	6.8	0:30	1.7	12:40	15.3	0.0	24.0	2.3	22.5	0:30	SSW
23	3.3	6.4	16:20	1.0	7:30	15.0	0.0	2.8	1.6	11.3	5:00	SSW
24	4.2	6.5	15:50	3.1	4:20	14.1	0.0	5.2	1.6	14.5	13:40	SSW
25	4.8	7.7	15:30	3.6	23:50	13.4	0.0	2.0	1.8	14.5	13:30	SSW
26	3.8	5.2	16:00	2.9	9:10	14.5	0.0	1.6	1.6	17.7	18:20	NE
27	3.0	5.1	16:20	0.4	7:40	15.3	0.0	0.4	2.3	20.9	13:40	SSW
28	1.7	7.8	15:40	-1.2	11:10	16.6	0.0	0.0	2.9	14.5	21:40	WSW
29	3.0	7.7	16:00	-1.1	5:00	15.3	0.0	0.0	1.6	12.9	19:00	SSW
30	4.3	7.3	13:40	0.9	2:20	14.0	0.0	3.4	3.4	30.6	19:10	SSW
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	7.6	21.6	6	-1.2	28	322.8	1.0	207.0	2.9	49.9	21	SSW

Max >= 32.0: 0  
 Max <= 0.0: 0  
 Min <= 0.0: 2  
 Min <= -18.0: 0  
 Max Rain: 51.21 ON 15-11-13  
 Days of Rain: 19 (> .2 mm) 11 (> 2 mm) 4 (> 20 mm)  
 Heat Base: 18.3 Cool Base: 18.3 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for DEC. 2013

NAME: camaleño CITY: Los Llanos, Camaleño STATE: Cantabria, Spain  
 ELEV: 574 m LAT: 43° 8.275 LONG: 4° 42.741

TEMPERATURE (°C), RAIN (mm), WIND SPEED (km/hr)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	4.3	6.7	14:50	3.3	00:00	14.0	0.0	1.0	2.3	12.9	3:40	SSW
2	3.1	9.4	15:10	-0.4	8:40	15.3	0.0	0.0	3.1	14.5	2:10	SW
3	5.4	11.5	13:30	1.4	3:50	12.9	0.0	0.0	6.4	22.5	7:20	SSW
4	4.1	11.9	15:30	-0.4	8:20	14.2	0.0	0.0	2.6	12.9	19:00	WSW
5	6.5	8.3	15:50	5.4	23:40	11.8	0.0	0.0	2.3	14.5	8:40	NE
6	4.2	9.4	15:20	-0.3	23:10	14.1	0.0	0.0	3.7	16.1	19:30	SW
7	2.0	10.6	14:30	-2.1	6:50	16.3	0.0	0.0	3.1	14.5	1:40	WSW
8	2.3	11.8	14:20	-1.3	8:10	16.0	0.0	0.0	3.1	16.1	23:50	WSW
9	2.9	11.8	14:00	-1.9	6:50	15.4	0.0	0.0	3.9	17.7	0:40	WSW
10	3.6	11.5	14:40	-0.6	8:00	14.7	0.0	0.0	4.8	16.1	6:40	WSW
11	6.9	18.8	14:20	0.8	2:20	11.4	0.0	0.0	4.8	25.7	14:10	WSW
12	6.1	13.4	14:50	1.7	5:50	12.2	0.0	0.0	3.7	16.1	7:30	WSW
13	8.6	12.8	14:10	6.5	8:40	9.7	0.0	2.0	1.3	9.7	21:10	W
14	4.7	12.0	15:30	0.1	9:00	13.6	0.0	0.0	4.8	17.7	18:40	WSW
15	6.5	14.5	14:30	2.3	8:50	11.8	0.0	0.2	3.5	17.7	7:30	WSW
16	10.3	17.2	14:40	5.3	1:00	8.0	0.0	0.0	5.1	33.8	13:50	SSW
17	10.6	14.2	0:40	7.0	23:40	7.7	0.0	0.0	5.8	37.0	3:20	SSW
18	6.9	12.1	14:00	2.2	8:30	11.4	0.0	3.4	6.4	48.3	23:50	WSW
19	7.0	11.3	1:50	3.2	21:40	11.3	0.0	7.6	3.7	40.2	0:10	NE
20	3.0	8.6	15:10	0.6	8:20	15.3	0.0	1.0	3.5	19.3	3:10	SSW
21	2.8	9.3	16:30	-0.9	7:40	15.5	0.0	0.0	3.5	14.5	5:30	WSW
22	5.9	13.7	14:10	2.4	1:30	12.3	0.0	0.0	4.5	27.4	13:20	SW
23	8.9	12.3	23:30	1.4	4:40	9.4	0.0	0.0	11.7	59.5	23:50	SSW
24	10.4	14.2	5:10	5.4	23:50	7.9	0.0	27.8	9.7	67.6	8:40	S
25	6.4	8.8	12:30	2.0	23:10	11.8	0.0	3.0	7.7	54.7	18:10	SSW
26	6.1	10.8	16:00	3.0	9:10	12.2	0.0	2.4	5.0	41.8	0:20	S
27	14.2	17.2	14:50	7.0	0:10	4.1	0.0	3.6	12.4	59.5	16:20	SSW
28	8.3	11.6	3:20	3.7	00:00	10.0	0.0	1.0	9.5	45.1	7:30	S
29	3.3	10.3	15:00	-0.3	7:30	15.0	0.0	0.0	2.4	29.0	2:30	W
30	6.3	10.4	13:00	1.2	1:40	12.0	0.0	1.0	5.0	46.7	6:50	S
31	10.5	13.3	15:10	5.7	0:10	7.8	0.0	0.2	9.2	48.3	13:30	S
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	6.2	18.8	11	-2.1	7	375.1	0.0	54.2	5.1	67.6	24	WSW

Max >= 32.0: 0  
 Max <= 0.0: 0  
 Min <= 0.0: 9  
 Min <= -18.0: 0  
 Max Rain: 27.79 ON 24-12-13  
 Days of Rain: 13 (> .2 mm) 7 (> 2 mm) 1 (> 20 mm)  
 Heat Base: 18.3 Cool Base: 18.3 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for JAN. 2014

NAME: camaleño CITY: Los Llanos, Camaleño STATE: Cantabria, Spain  
 ELEV: 574 m LAT: 43° 8.275 LONG: 4° 42.741

TEMPERATURE (°C), RAIN (mm), WIND SPEED (km/hr)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	10.8	13.8	18:30	4.6	3:30	7.5	0.0	0.0	8.9	51.5	12:00	S
2	12.1	15.6	21:50	5.4	8:50	6.2	0.0	0.0	7.9	46.7	17:40	SSW
3	12.6	15.1	0:30	9.6	6:20	5.7	0.0	0.2	6.0	43.5	23:20	S
4	7.8	11.2	0:10	2.8	18:10	10.5	0.0	4.8	10.1	56.3	4:50	S
5	10.6	15.0	16:10	4.8	8:40	7.7	0.0	1.0	11.3	61.2	23:20	SSW
6	13.9	15.2	23:40	12.6	7:40	4.3	0.0	0.0	13.0	56.3	3:20	S
7	14.2	15.4	12:20	11.9	11:20	4.1	0.0	0.0	7.9	38.6	12:10	S
8	14.0	17.3	14:10	9.7	8:00	4.3	0.0	0.0	6.9	45.1	15:20	S
9	12.7	17.0	13:20	6.2	23:50	5.6	0.0	0.0	6.9	46.7	0:50	N
10	7.2	14.8	16:00	3.8	9:30	11.1	0.0	0.0	2.4	12.9	12:50	WSW
11	7.6	12.8	15:30	4.2	9:50	10.8	0.0	0.0	2.3	12.9	21:50	WSW
12	10.7	15.1	12:10	4.4	0:10	7.7	0.0	0.6	5.3	35.4	15:30	WSW
13	6.4	9.8	14:00	1.5	7:50	11.9	0.0	0.2	5.6	33.8	15:10	SSW
14	7.0	10.4	14:50	4.8	5:30	11.3	0.0	14.0	3.5	24.1	3:00	SSW
15	8.7	12.9	20:50	4.4	8:00	9.7	0.0	0.6	6.8	51.5	16:40	SSW
16	7.9	10.5	15:10	4.7	20:10	10.4	0.0	1.8	7.4	41.8	12:10	SSW
17	8.3	11.8	15:20	5.6	20:20	10.0	0.0	0.0	5.8	38.6	1:20	S
18	5.2	8.3	0:10	1.9	23:50	13.1	0.0	0.0	1.6	25.7	13:30	SSW
19	3.4	8.7	15:50	1.2	3:40	14.9	0.0	5.2	2.6	25.7	16:40	NE
20	3.4	8.8	15:50	1.3	23:20	14.9	0.0	4.8	2.1	12.9	2:10	NE
21	4.9	10.4	14:50	0.1	2:10	13.4	0.0	1.8	2.3	11.3	6:20	SW
22	5.2	9.6	13:00	2.8	21:40	13.1	0.0	5.6	2.9	29.0	14:00	SSW
23	5.0	10.9	16:40	1.8	9:30	13.3	0.0	0.2	2.7	14.5	5:50	W
24	8.7	16.9	20:20	1.8	3:20	9.6	0.0	1.0	6.3	48.3	21:00	SSW
25	10.7	13.6	3:50	8.1	21:40	7.7	0.0	0.8	3.1	22.5	3:40	NE
26	8.1	13.3	14:50	3.6	8:30	10.2	0.0	4.4	3.1	16.1	4:10	WSW
27	5.1	9.1	12:50	1.9	23:50	13.2	0.0	10.0	5.6	53.1	12:30	NW
28	5.1	9.7	17:40	0.6	4:30	13.2	0.0	2.6	8.4	66.0	17:40	S
29	4.1	7.3	0:10	0.8	7:20	14.2	0.0	3.0	5.3	37.0	1:10	SW
30	1.4	2.8	0:10	0.2	8:10	16.9	0.0	24.6	1.4	9.7	5:40	SW
31	6.1	11.7	23:30	2.6	0:10	12.2	0.0	2.8	3.4	22.5	23:30	SSW
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	8.0	17.3	8	0.1	21	318.5	0.0	90.0	5.4	66.0	28	SSW

Max >= 32.0: 0

Max <= 0.0: 0

Min <= 0.0: 0

Min <= -18.0: 0

Max Rain: 24.61 ON 30-01-14

Days of Rain: 21 (> .2 mm) 11 (> 2 mm) 1 (> 20 mm)

Heat Base: 18.3 Cool Base: 18.3 Method: Integration

Febrero  
MONTHLY CLIMATOLOGICAL SUMMARY for FEB. 2014

NAME: camaleño CITY: Los Llanos, Camaleño STATE: Cantabria, Spain  
ELEV: 1883 ft LAT: 43° 8.275 LONG: 4° 42.741

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DIR
1	44.2	54.8	1:30	33.3	00:00	20.8	0.0	0.13	4.4	27.0	17:00	S
2	38.6	50.1	15:20	29.4	4:20	26.3	0.0	0.00	2.4	19.0	23:00	SSW
3	43.3	49.5	14:30	35.1	19:00	21.6	0.0	0.04	5.8	32.0	4:50	SSW
4	44.8	50.4	00:00	41.1	0:20	20.2	0.0	0.20	4.9	30.0	17:50	S
5	47.8	51.4	16:30	43.1	6:20	17.1	0.0	0.02	6.2	34.0	6:20	SSW
6	53.6	60.2	14:00	47.4	0:10	11.4	0.0	0.46	9.4	50.0	14:00	S
7	46.6	51.3	23:20	39.4	8:50	18.3	0.0	0.07	6.6	35.0	23:10	S
8	48.2	53.1	1:50	42.1	7:50	16.7	0.0	0.10	6.9	33.0	11:30	SSW
9	43.5	49.7	22:20	37.7	21:00	21.4	0.0	0.07	4.3	36.0	22:50	S
10	37.8	48.6	0:30	30.6	23:20	27.1	0.0	0.61	5.9	35.0	6:20	SSW
11	39.7	52.3	15:30	29.3	1:10	25.3	0.0	0.30	4.8	30.0	11:20	SSW
12	45.0	55.1	16:10	31.6	7:00	19.9	0.0	0.09	6.7	46.0	15:20	SSW
13	53.6	59.8	15:20	41.7	21:20	11.3	0.0	0.00	7.4	35.0	2:20	SSW
14	56.8	63.9	13:30	44.5	22:50	8.1	0.0	0.11	8.7	49.0	12:30	SSW
15	45.3	50.4	14:40	35.6	23:10	19.7	0.0	0.01	3.3	20.0	12:20	SW
16	39.7	52.1	16:10	30.1	8:40	25.2	0.0	0.00	2.3	18.0	21:20	WSW
17	46.8	56.2	15:30	35.8	1:50	18.1	0.0	0.00	4.7	24.0	12:10	SSW
18	43.7	51.4	15:30	38.1	23:50	21.2	0.0	0.00	2.1	10.0	23:00	SSW
19	43.2	60.5	17:10	33.0	4:50	21.7	0.0	0.00	2.2	9.0	23:50	SW
20	47.3	62.1	14:50	38.2	5:40	17.6	0.0	0.00	3.4	28.0	13:40	N
21	41.9	53.1	16:10	34.6	00:00	23.0	0.0	0.02	1.8	16.0	14:40	NNE
22	44.5	57.1	16:40	33.2	2:20	20.5	0.0	0.00	3.4	21.0	12:00	W
23	47.4	64.0	14:10	36.6	8:10	17.6	0.0	0.00	3.7	24.0	18:00	SSW
24	47.3	55.8	16:30	38.1	6:10	17.6	0.0	0.00	2.6	18.0	23:10	S
25	47.5	53.0	11:40	36.8	21:00	17.4	0.0	0.14	6.7	35.0	3:40	SSW
26	42.1	51.0	15:10	35.7	8:00	22.9	0.0	0.01	2.9	24.0	1:20	NE
27	46.0	58.2	16:20	39.1	0:40	19.0	0.0	0.13	1.9	14.0	13:00	NE
28	41.7	56.3	7:20	36.8	00:00	23.2	0.0	0.48	3.4	33.0	6:50	SSW

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45.3 64.0 23 29.3 11 550.4 0.0 2.98 4.6 50.0 6 SSW

Max >= 90.0: 0  
Max <= 32.0: 0  
Min <= 32.0: 5  
Min <= 0.0: 0  
Max Rain: 0.61 ON 10/02/14  
Days of Rain: 16 (>.01 in) 10 (>.1 in) 0 (>1 in)  
Heat Base: 64.9 Cool Base: 64.9 Method: Integration

marzo  
MONTHLY CLIMATOLOGICAL SUMMARY for MAR. 2014

NAME: camaleño CITY: Los Llanos, Camaleño STATE: Cantabria, Spain  
ELEV: 1883 ft LAT: 43° 8.275 LONG: 4° 42.741

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DIR
1	41.0	46.9	17:50	36.3	0:30	23.9	0.0	1.47	1.3	7.0	11:10	S
2	48.8	54.8	14:50	44.1	2:10	16.1	0.0	0.09	1.7	19.0	23:30	WSW
3	42.3	51.3	0:10	37.6	6:30	22.6	0.0	0.48	7.3	41.0	5:30	S
4	42.3	51.1	19:10	36.2	5:00	22.6	0.0	0.21	2.5	21.0	1:20	NE
5	46.2	58.6	15:20	37.6	8:00	18.8	0.0	0.01	2.0	11.0	8:50	NE
6	46.4	64.4	17:10	35.1	8:10	18.5	0.0	0.00	2.2	9.0	4:10	SW
7	47.9	65.9	16:10	36.4	8:10	17.1	0.0	0.00	2.0	8.0	12:30	WSW
8	53.9	74.4	15:40	42.1	7:10	12.6	1.5	0.00	3.1	10.0	21:50	WSW
9	52.9	73.3	16:50	40.6	5:50	12.9	0.9	0.00	3.0	11.0	20:30	WSW
10	49.9	66.4	13:50	38.7	9:10	15.1	0.1	0.00	2.9	15.0	16:30	WSW
11	47.2	63.0	17:20	35.9	7:40	17.8	0.0	0.00	2.5	12.0	14:50	WSW
12	49.9	68.7	15:20	34.5	6:30	15.3	0.3	0.00	3.0	12.0	15:40	WSW
13	49.9	65.9	14:20	39.3	9:10	15.1	0.1	0.00	2.8	11.0	1:50	WSW
14	48.0	63.2	14:10	38.1	7:40	16.9	0.0	0.00	3.0	13.0	16:00	WSW
15	45.4	60.9	16:50	34.9	6:20	19.5	0.0	0.00	2.0	10.0	13:00	WSW
16	49.3	70.6	15:30	34.9	7:30	16.2	0.6	0.00	2.1	11.0	17:10	WSW
17	52.9	74.3	15:30	38.3	7:10	13.5	1.5	0.00	2.4	10.0	16:40	WSW
18	45.5	49.7	14:30	39.0	5:00	19.4	0.0	0.01	1.1	7.0	16:10	SW
19	48.7	64.0	16:20	36.9	8:00	16.2	0.0	0.01	1.6	8.0	13:40	NE
20	54.4	72.5	14:30	41.9	8:10	11.4	0.9	0.00	2.7	13.0	15:00	WSW
21	51.6	67.3	16:00	44.5	6:00	13.5	0.1	0.01	2.4	19.0	14:40	NE
22	44.3	52.2	14:30	36.8	21:10	20.7	0.0	0.05	2.2	22.0	15:30	NE
23	39.9	52.1	15:40	33.2	3:10	25.1	0.0	0.27	1.9	15.0	16:50	S
24	42.7	52.5	11:50	33.2	2:00	22.2	0.0	0.20	2.5	23.0	11:50	NE
25	42.9	53.8	8:20	36.7	20:30	22.0	0.0	1.07	6.5	35.0	00:00	SSW
26	39.0	44.9	10:30	35.1	3:40	26.0	0.0	1.00	2.2	22.0	10:20	NE
27	39.7	51.5	17:20	31.7	7:30	25.3	0.0	0.01	1.8	12.0	15:20	SSW
28	44.1	57.0	15:20	34.1	6:30	20.8	0.0	0.00	1.7	9.0	5:00	NE
29	46.8	55.5	14:30	39.7	0:50	18.1	0.0	0.08	2.5	15.0	14:10	SSW
30	50.5	60.2	17:50	44.9	1:10	13.8	0.0	0.06	3.6	21.0	12:30	SSW
31	50.6	60.6	15:50	45.1	6:30	14.3	0.0	0.08	2.3	17.0	15:40	SSW
-----												
	46.9	74.4	8	31.7	27	563.5	6.0	5.10	2.6	41.0	3	WSW

Max >= 90.0: 0  
 Max <= 32.0: 0  
 Min <= 32.0: 1  
 Min <= 0.0: 0  
 Max Rain: 1.47 ON 01/03/14  
 Days of Rain: 12 (>.01 in) 7 (>.1 in) 2 (>1 in)  
 Heat Base: 64.9 Cool Base: 64.9 Method: Integration