

June 2021

A broad area of high pressure over Scandinavia coupled with shallow low pressure out in the near Atlantic encouraged a warm, dry, easterly flow across the Bailiwick to start the first month of summer, and the resulting 14.1 hours of sunshine and air temperatures reaching 22.4°C was an excellent outcome, as we enjoyed the warmest day of the year to date.

Thundery low pressure down over Spain pushed northward over France through the day with distant lightning observed to the south overnight in to the 2nd. A few light showers made it as far as the islands by dawn, but this damper, more unsettled flow brought more in the way of cloud through the day with mist and hill fog patches later that afternoon and evening. After that warm start temperatures fell away too, dropping to the low teens by day's end.

Weak fronts now starting to edge in from the west brought cloudier conditions through the 3rd with outbreaks of rain around noon and again later that evening as that front became slow moving in a north/south line in the Channel. Gradually though, this feature pushed away to the east through the morning of the 4th, with fine conditions prevailing from around noon together with excellent visibility. Clear skies and light winds overnight led to some patches of shallow fog but this dissipated readily by dawn to leave another fine day in the islands, albeit with temperatures just failing to make 18°C.

Weak fronts toppling down over the top of a building ridge of high pressure through the 6th again brought cloudier conditions to the islands, with outbreaks of light rain early that morning followed by fog patches that evening, clearing overnight. Conditions slowly improved over the next day or so as that high extended its influence across the British Isles with mostly fair or fine weather for most parts. A weak warm front dragging its heels across the North Channel lent extra moisture late on the 9th, with hill fog patches becoming thicker and more extensive overnight in to the 10th. This high was now bringing in some warm tropical air from the southwest but moisture levels were high within this airflow so whilst we enjoyed better daytime temperatures, we did see fog readily forming through the evenings of the 10th & 11th which was reluctant to clear the following mornings.

A weak cold front dropped down across the UK overnight in to the 12th bringing patchy drizzle to the islands just before dawn, but a clearer, fresher airflow settled in from the northwest following its clearance southward. Fine conditions prevailed for a few days thereafter as high pressure became well established across much of the UK with light winds, plenty of sunshine and temperatures topping out at 22.9°C on the 14th; the highest temperature reached so far this year.

Gradually though, that high drifted away to the northeast with a distinctly more unsettled look to the charts as low pressure to the northwest of Ireland dragged a slow moving cold front in from the west. Ahead of this feature a further low over Brittany introduced showers into the Channel through the evening of the 16th with mist and hill fog overnight in to the 17th. Periods of heavier rain that morning cleared by noon, but it remained mostly cloudy for the rest of the day. Further belts of rain with drizzle, mist and hill fog affected the Bailiwick through the 18th, again clearing in the afternoon as that low only reluctantly eased away to the northeast.

The next slow moving low pressure system was already out in the near Atlantic though, edging in to the Bay of Biscay whilst extending its associated fronts into the Channel. Cloudy conditions again prevailed locally with rain, drizzle, mist and hill fog affecting the islands until late on the 22nd. On the whole though, rainfall amounts weren't too bad although a period of heavy rain overnight into the 21st did yield some 13.1mm of rain making it the wettest day of the month.

A ridge of high pressure started to nudge up from the southwest by the 22nd as that low eased away to the southeast, with a fine day on the 23rd but weak fronts dropping down over the UK late on the 24th brought cloudier conditions overnight with rain by the small hours of the 25th together with mist and hill fog through

the day, although a late clearance saw some blue sky that evening. This rather unsettled theme continued in to the 26th as yet another complex low stalled over northern Biscay with its fronts bringing rain to our shores early that afternoon with mist and fog by the evening. The showers eased off overnight but a very moist airflow now covered the islands with mist and fog patches persisting until late morning of the 27th.



Ridge conditions on the 23rd lead to a fine day in the islands. The Zig-Zag in beautiful Alderney looking northeast with Fort Tourgis just visible over the hill top above the beach.

That low in Biscay continued to influence our weather, remaining quasi stationary and slowly filling down to the south and west. Mostly fair conditions prevailed then, but with occasional showers and with extensive sea fog around the islands that crept inland at times. Temperatures were a little disappointing too, but we did manage 19.2°C with 10.6 hours of sunshine on the last day of the month.

Very much a month of two halves, the first 15 days produced little rain, light winds and plenty of sunshine but the 2nd half of the month was a lot less settled with cooler temperatures, less sunshine and the bulk of the month's rainfall. Overall wetter and duller than average and though drier than the last 2 Junes, still wetter than the long term average. The month's mean temperature was slightly above average and we noted 14 days with fog recorded, the highest such number for any month so far this year.

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
		mb	AIR			GRASS		SOIL		DIR'N	SPEED(knots)						
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX				mm	hrs
Tue	1	1012.1	22.4	14.0	18.2	10.1	16.3	13.2	100	09	9.3	19	3.5	14.1	Fair or fine. Dry air. Lightning late eve		
Wed	2	1010.0	20.0	14.1	17.1	14.3	17.0	13.4	140	09	8.8	19	TR	3.6	Cloudy with showers am, mist and fog patches by late pm		
Thu	3	1020.6	16.4	11.4	13.9	10.5	17.1	13.7	290	05	5.7	14	0.5	1.7	Cloudy, some patchy rain p.m. became fair.		
Fri	4	1024.6	15.8	11.0	13.4	8.4	16.3	13.9	330	09	8.0	15	NIL	12.7	Fine		
Sat	5	1027.1	17.8	10.5	14.2	4.9	16.3	14.1	210	06	5.8	12	TR	14.7	Early shallow for & dew. Fine		
Sun	6	1026.3	18.0	12.0	15.0	9.2	16.8	14.2	230	08	6.0	12	NIL	1.9	Cloudy light rain am. Sunny per pm, bec cloudy w with fog eve		
Mon	7	1025.5	16.0	12.1	14.1	13.1	17.0	14.4	300	05	4.0	10	NIL	0.3	Cloudy, became fair late evening.		
Tue	8	1024.9	18.3	10.7	14.5	6.4	16.5	14.5	040	05	5.1	14	NIL	13.7	Some cloudy spells am othew rwise a fine and sunny day		
Wed	9	1023.9	19.0	11.5	15.3	6.9	16.9	14.6	270	04	5.4	13	0.2	9.8	Fair or fine bec cldy w with hill fog eve		
Thu	10	1023.7	18.7	13.8	16.3	13.9	17.6	14.7	220	10	7.2	14	0.2	2.3	Overcast w with fog + occ drizzle am, occ fair pm, fog returned eve		
Fri	11	1023.3	18.6	13.5	16.1	14.1	17.5	14.9	250	08	7.7	16	0.1	3.2	Fog and patchy drizzle a.m., fair for a time p.m.		
Sat	12	1025.1	17.4	13.7	15.6	14.5	17.5	15.0	320	07	6.1	13	NIL	10.8	Drizzle & fog before daw n, then cldy bec fine by late am		
Sun	13	1027.8	22.2	13.5	17.9	10.2	17.7	15.2	130	05	6.3	13	NIL	15.1	Fine		
Mon	14	1021.7	22.9	12.6	17.8	9.7	18.5	15.3	020	07	7.1	16	NIL	14.8	Fine		
Tue	15	1022.5	20.4	13.0	16.7	11.0	18.6	15.5	360	05	5.3	14	NIL	14.6	Fine		
Wed	16	1012.7	19.4	12.7	16.1	9.5	18.7	15.7	010	04	5.5	14	3.2	8.2	Fine, bec cldy w with show ery rain late pm		
Thu	17	1011.4	17.6	12.6	15.1	13.3	18.2	15.9	340	07	8.4	19	10.4	2.7	Early mist & fog, then rain after daw n, occn hvy, cing late am		
Fri	18	1012.2	15.5	12.3	13.9	13.4	17.6	16.0	360	15	9.2	25	1.9	0.7	Cloudy with persis rain am. Mist + fog clearing mid pm		
Sat	19	1015.1	14.8	10.2	12.5	7.0	16.4	16.0	060	06	6.5	17	0.7	0.2	Cloudy, sct showers pm, turning misty during evening		
Sun	20	1008.3	17.5	12.7	15.1	10.8	16.7	15.9	160	07	7.6	19	13.1	2.8	Cldy with early fog ptchs & shwr mid am, occn fair pm		
Mon	21	1008.2	14.5	11.5	13.0	12.8	17.1	15.8	050	14	13.3	29	5.6	NIL	Overcast w with mist, rain & drizzle		
Tue	22	1018.6	14.6	10.6	12.6	11.0	15.9	15.7	020	15	11.4	29	0.6	0.1	Cloudy with rain & drizzle until early pm		
Wed	23	1024.4	16.8	10.3	13.6	5.8	15.6	15.6	030	07	6.0	17	NIL	14.3	Shallow fog early otherwise fine		
Thu	24	1024.1	17.2	10.9	14.1	7.0	16.4	15.5	290	09	8.5	17	4.2	9.7	Fine bec cldy late am. Rain & fog ptchs by early eve		
Fri	25	1019.7	16.5	11.8	14.2	11.9	16.8	15.9	260	14	9.3	20	4.7	2.7	Cldy with rain mist & fog until early pm, bec fair then fine eve		
Sat	26	1017.2	14.4	9.5	12.0	5.1	16.2	15.5	150	03	6.1	17	6.1	1.1	Cloudy, persistent rain pm. Mist & fog eve		
Sun	27	1011.0	19.9	13.7	16.8	13.5	16.2	15.5	120	07	7.6	19	0.2	3.9	Showers w with mist & fog am, occn fair pm		
Mon	28	1013.8	18.6	11.7	15.2	9.0	17.2	15.5	150	06	6.4	16	2.0	8.8	Fine bec cloudy by late afternoon		
Tue	29	1014.7	17.1	12.3	14.7	13.1	17.7	15.6	270	04	4.6	12	TR	3.7	Light shw rs early, then mist & fog patches w with occn drz		
Wed	30	1018.1	19.2	13.9	16.6	14.3	17.7	15.7	280	04	5.2	11	TR(FOG)	10.6	Mst w with fog ptchs & early light rain bec fine pm. Fair & misty eve		
MEAN	1019.0	17.9	12.1	15.0	10.5	17.1	15.1	W	7.5	7.1	TOTAL	57.2	202.8				
30 YEAR AVG	1017.8	17.7	11.8	14.8	9.6	16.2	14.4	W	10.2	9.9	/////	47.9	245.9				
Diff from prev Avg	-0.2mb	+0.2°C	+0.3°C	+0.3°C	+0.6°C	+0.2°C	+0.3°C	W	-0.2Kt	-0.2Kt		+2.4mm	-0.7hrs				
EXTREMES	NUMBER	RAIN	WET	SNOW/	HAIL	THNDER	LGHTNG	AIR	GROUND	FOG	FOG	GALE	NO				
ARE IN	OF DAYS	≥0.2mm	≥1.0mm	SLEET				FROST	FROST	9a.m.			SUN				
BOLD TYPE	WITH	16	10	0	0	0	1	0	0	14	0	0	1	TOTALS FOR YEAR TO DATE			
RECORDS FROM JANUARY 1947														RAINFALL	402.7 mm	SUNSHINE	1001.4 hrs
WETTEST DAY	46.8mm	DRIEST MONTH		0.6mm	LOWEST MN		5.4°C	WARMEST MNTH		16.7°C	SUNNIEST MNTH		355.3hrs				
DAY/YEAR	16th/1970	YEAR		1976	DAY/YEAR		1st/1975	YEAR		1976	YEAR		1975	RAIN DAYS	87		
														WET DAYS	68		
WETTEST MNTH	129.7mm	HIGHEST MAX		30.8°C	LOWEST GRASS		-3.0°C	COLDEST MNTH		11.3°C	DULLEST MNTH		147.8hrs				
YEAR	1986	DAY/YEAR		26th/1976	DAY/YEAR		14th/1987	YEAR		1972	YEAR		1977				