

WEATHER 2017

Happy if belated New Year from me, and I hope that 2018 will finally bring a long warm summer, not that I have any reason to think it will happen, just that if you hope for long enough it may happen, I still remember the summer of 1976 as the best in my memory. Now on to 2018. I have collated all the data from my weather programme generated by the automatic weather centre and am attaching graphical and tabular data.

One thing I have learnt about the UK weather is that it usually only predictable with any accuracy on the day observations are made. I wonder if we will get more accurate longer term forecasting when Meteo takes over from the Met Office later this year, but the weather is so complex I doubt it.

January last year started with high pressure set over us with cool days and frosty nights, this changed during the second week when the pressure dropped and the wind increased, then on the 12th about 40 mm of snow fell which lingered until the 15 when it rained, it then turned cold again with overnight frosts almost up to the end of the month. Unusually there were 17 frosts, with rain recorded on 20 days and a total of 87.8mm.

February was a much milder month with only 2 frosts and relatively high pressure. Rainfall at 76.4mm was higher than in 2016 and rain was recorded on 19 days. Low pressure at the end of the month brought it to a watery end. A relatively mild month.

March was unusual in there there were no recorded frosts and no negative overnight temperatures. It was unusually mild with a high of 21 degrees on the 30th and with many days in the lower mid teens. It was also quite dry with only 40.7 mm of rain; certainly a change from 2016 when we had 110mm. Rain was recorded on 13 days.

April was a very dry month with only 8.6 mm recorded and with 10 days run where no rain was recorded. The warmest day was on the 9th (23.9 degrees) and there was a warm and sunny spell in the middle, but temperatures fell away and there was a mild frost on the 27th.

May did not start well with cool winds and some showers and although not much rain fell, low pressure dominated. By the middle of May things started to warm up and we had a very wet spell on the 17th and 18th but the weather was quite pleasant despite a few spots of rain in the last 10 days of the month. We had 14 days when rain was recorded and 98mm of rain.

June was a generally sunny dry and warm month which had our maximum for the year of 33.4 degrees on the 21st. The second week was a bit rainy but almost no rain fell for the next two weeks, however the 27th and the 28th deposited some 35 mm to make up for it. We had 17 days where rain was recorded and a total of 83.8mm.

July started off well, warm and dry with light winds, but it rather went downhill after the 11th and we ended up with over 130 mm of rain, the warmest day being the penultimate with 30.4 degrees. Sunshine levels dropped in the second half of the month. We had 15 days with rain recorded

August was not a sparkling month with a very wet start and end. Temperatures were also disappointing although we did make 27.4 degrees on the 28th generally they were the high teens or low 20's. Not an August to remember. Rain was recorded on 13 days with a total of 123.9mm.

September was also a cool month having 24 days with rain recorded and 29mm (the years daily

highest) on the 16th. It seemed to rain or try to rain most days and was certainly no Indian Summer with the highest temperature only 21.7 degrees. This month also had the highest rainfall of 148.6mm.

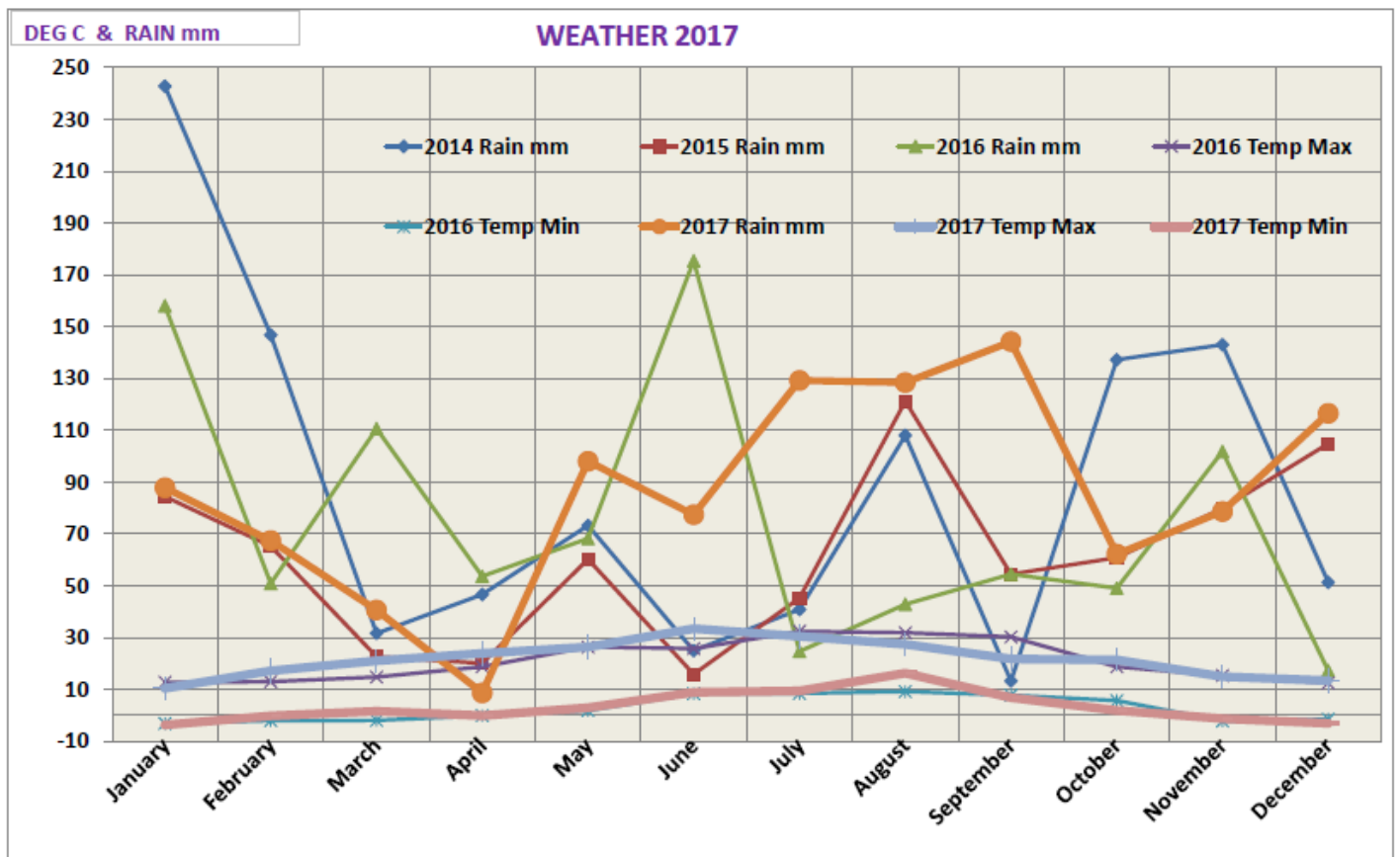
October started with west and south west winds and was a bit unsettled, however the tail end of ex-hurricane Ophelia on the 15th and the 16th provided us with a high of 21.3 degrees, but it returned to lower temperatures and we had a light frost recorded on the 30th. There were 17 rainy days recorded with 62.2 mm of rain overall.

November, a typical November with 21 days with rain recorded, 7 frosts and 87.6 mm of rain. Many of the days were still close to 10 degrees but the nights were generally cold. Highest temperature was 14.9 degrees on the 1st of the month.

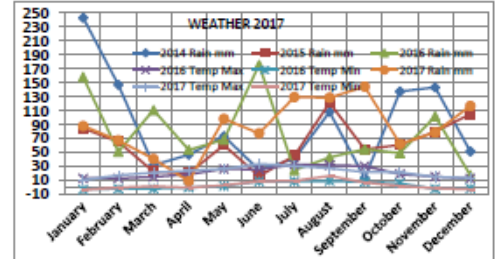
December started mild but with snow in the Midlands and Wales on the 10th the middle of the month was cold the coldest temperature recorded was -3.3 degrees on the 12th. No snow in the village before Christmas but a sprinkling over the North Down on the 27th. There was a lot of rain with 115.4 mm recorded for the month and a total of 22 days with rain. It was dry on Christmas Eve but Christmas Day and Boxing Day were wet. We also had two named storms off the south coast, Caroline and Dylan with gusts over 60 mph, it was windy here with some branches down, but nothing like the coast.

When I say in the text that 'xx' rainy days were recorded, this refers to the manner in which the rain is recorded by the system, at least 0.2mm of rain is the minimum it can record, which it did on 193 days, however 108 of those were over 2 mm and only 9 over 20mm, so it's not quite as gloomy as it first appears! My hope for 2018 is a return to longer spells of warm relatively dry weather where rain only falls at night! A pipe dream maybe but one worth having in the dank dark days of winter.

David Cullen



7 MONTH	Week 1	Week 2	Week 3	Week 4	Week 5	Total mm	Max Temp Deg C	Min Temp Deg C	Min Press mbar	Frosty Days	YEAR RAIN in mm
RAIN in mm											
January	20.8	33.6	4.6	18.4	10.4	87.8	10.4	-3.8	1001.0	17	87.8
February	20	10.2	5.6	31.6	0.0	67.4	17.1	-0.3	980.0	2	67.4
March	20	5.0	0.6	14.4	0.6	40.6	21.0	1.5	993.0	0	40.6
April	1.4	1.2	0.0	0.2	5.8	8.6	23.9	-0.2	997.0	1	8.6
May	5.8	12.8	61.0	7.4	11.0	98.0	26.3	2.9	989.0	0	98.0
June	0.0	40.2	0.0	2.2	35.0	77.4	33.4	8.8	988.0	0	77.4
July	2.1	0.0	39.3	58.2	29.6	129.2	30.4	9.4	997.0	0	129.2
August	36.1	46.7	10.2	4.4	31.0	128.4	27.4	7.5	999.0	0	128.4
September	6.8	35.8	40.1	25.3	36.2	144.2	21.7	6.8	990.0	0	144.2
October	5.6	1.4	6.7	41.1	7.4	62.2	21.3	1.8	992.0	1	62.2
November	12.3	36.2	8.8	13.1	8.2	78.6	14.9	-1.3	988.0	7	78.6
December	2.0	21.3	35.2	1.6	56.4	116.5	13.3	-3.1	973.0	8	116.5
Total						1038.9				36	1038.9



MONTH	Rain 2016	Rain 2017	Max T 2017	Min T 2017	Mean Temp
January	158	87.8	10.4	-3.8	3.3
February	50.8	67.4	17.1	-0.3	6.3
March	110.6	40.6	21.0	1.5	8.9
April	53.6	8.6	23.9	-0.2	9.6
May	68.2	98.0	26.3	2.9	13.5
June	175.3	77.4	33.4	8.8	17.4
July	24.6	129.2	30.4	9.4	17.6
August	42.8	128.4	27.4	16.2	16.2
September	54.5	144.2	21.7	6.8	13.5
October	49	62.2	21.3	1.8	12.4
November	101.8	78.6	14.9	-1.3	6.9
December	17.2	116.5	13.3	-3.1	5.1
Total	906.4	1038.9			

Month	2014 Rain mm	2015 Rain mm	2016 Rain mm	2016 Temp Max	2016 Temp Min	2017 Rain mm	2017 Temp Max	2017 Temp Min
January	242.8	84.4	158.0	12.7	-3.2	87.8	10.4	-3.8
February	146.8	65.2	50.8	12.9	-2.1	67.4	17.1	-0.3
March	31.6	22.6	110.6	14.7	-2.0	40.6	21.0	1.5
April	46.6	20.0	53.6	18.7	-0.2	8.6	23.9	-0.2
May	73.2	60.2	68.2	26.3	1.8	98.0	26.3	2.9
June	24.9	15.8	175.4	25.7	8.3	77.4	33.4	8.8
July	40.8	46.2	24.6	32.4	8.4	129.2	30.4	9.4
August	108	121.2	42.8	31.8	9.1	128.4	27.4	16.2
September	13.2	54.4	54.4	30.2	7.7	144.2	21.7	6.8
October	137.2	60.8	49.0	18.7	5.6	62.2	21.3	1.8
November	143	79.8	101.8	15.3	-2.3	78.6	14.9	-1.3
December	51.3	104.8	17.2	12.4	-1.6	116.5	13.3	-3.1
Total	1059.4	734.4	906.4			1038.9		

RAINFALL - WINTER MONTHS

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
January	89.92	159.8	34.5	23	75	72.4	87.9	53.2	73.80	37.8	53.8	242.8	84.4	158.00	87.80	
February	29.21	36.7	28.5	54.7	105.7	24.9	70	83.7	49.00	16.2	41.2	146.8	65.2	50.80	67.40	
March	21.59	37.8	57.5	56	66	85.2	36.1	58.2	13.80	22.8	75.2	31.6	22.6	110.60	40.60	
September	10.16	28.4	37.5	104.7	29.9	64.4	29.8	68.4	39.80	68.8	62.8	13.2	54.4	54.50	144.20	
October	45.72	118.1	98.6	102	54.7	98.3	36.4	78.6	29.00	108.8	150	137.2	60.8	49.00	62.20	
November	111.78	74.9	51.5	63	104.5	95.5	194.6	54.3	50.20	96.6	91.7	143	79.8	101.80	78.60	
December	45.97	66.1	50	49.7	102.1	54.7	111.4	45.6	88.00	120	190.9	51.3	104.8	17.20	116.50	
TOTAL mm	354.33	521.8	356.1	453.1	537.9	495.4	566.2	443	343.40	471.8	685.6	785.9	472	541.90	597.30	
Total Rain	535.94	850.4	559	722.8	811.2	841.9	795.8	614.7	588.8	975.4	874.5	1059.4	734.4	906.4	1038.9	

