

WEATHER 2013

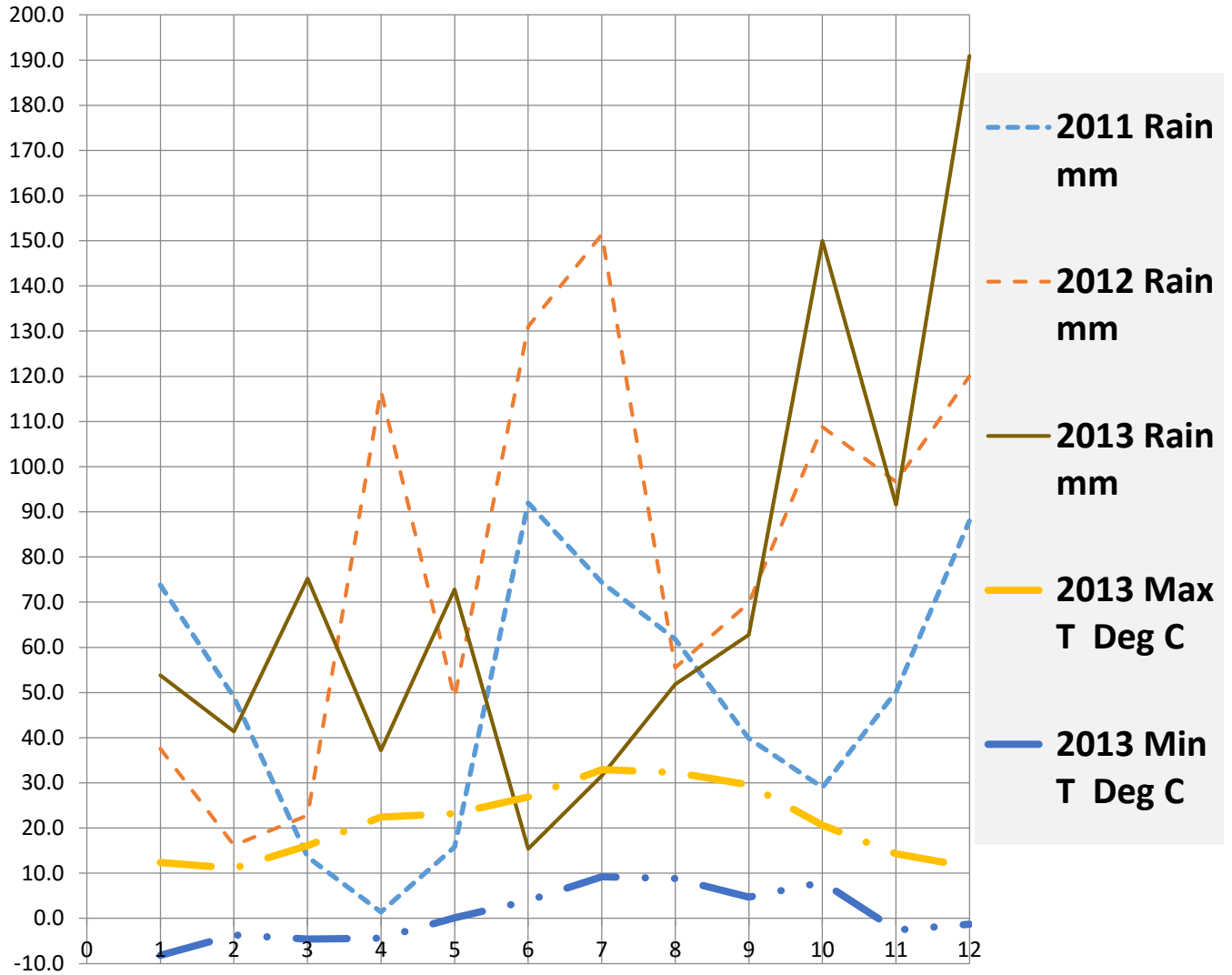
This is the year we finally had a decent period of warm dry weather after the last three cool and damp summers. During June 2013 I moved my weather station from South Nutfield to Nutfield, about 600 metres due north, no signals were lost during the process!

January, February and March were cold months with snow falling heavily on 19th January with continuing falls on most days until the 25th. There was a biting North or North East wind and 10 frosts in January with the 20th where temperatures did not rise above freezing. The coldest temperature was -8.2 degrees on the 22nd. Rainfall (or rather precipitation) was 53.8 mm, less than the total for the first 6 days in January 2014. February had significant snow on 12th with some more flurries later in the month. The NE wind continued to blow, but overall precipitation was low at 41.4 mm. We had 5 frosts. March was still cold with a wet middle period with 7 frosts recorded and total rain of 75.2 mm, evidently this March was the second coldest since records have been kept!. April continued the cool feeling and 7 frosts, but rainfall at 37.2 mm was low. In May things started to warm up with two frosts recorded at the beginning of the month, we finally had some daily highs over 20 degrees, but rainfall of 72.8 was about average. June was a dry month only 15.4 mm and although not particularly warm it was pleasant with the highest temperature of 27 degrees. July turned out to be a really great month with mean average temperature over the month of 18.8 and a high of 32.9. The key was that we had no rain for 21 days in the middle of the month and maximum temperatures in the mid/high 20's over this same period, rainfall was 31.6 mm much lower than the last 3 years. August was also warm and pleasant, with mean average of 17.3 degrees (highest was 32.3 degrees), with average rainfall of 51.8 mm. September started warm, but at the latter part of the first full week temperatures dropped from the low 20's to the mid-teens making it feel much cooler. Rainfall was about average at 62.8 mm but apart from one day with high rainfall there were spells when we had a few mm every day and no settled periods. October arrives and the generally good summer disappears, as we had 150 mm of rain, with two main periods of heavy rain, we had some rain on 24 days (80% of the month) temperatures were in the mid/low teens throughout the month. November carried on with the gradual decline in mean average temperatures from 12.3 in October to 6.6 in November. Rainfall was not as high as October at 91.6, but more than the average. The first frost was on 12th with a total of 4 over the month. However nothing could have predicted for what happened in December with 190.9 mm of rain was recorded, a drop in the Ocean compared to the South and West of the country, but a huge total for East Surrey. Temperatures were better than average with only 6 frosts, no snow and mean average temperature of 6 degrees, but very high winds and atmospheric pressures very low generally in the 980-990 mbar range over the last 15 days of the month.

It was looking like a reasonably dry year until December when we were deluged with rain and lots of local flooding, much of it due to or made much worse by blocked drains and culverts, the management of which has deteriorated significantly over the last decade. Now in 2014 the rain and high winds continue, I cannot see how there could be any water rationing this year, but regrettably there are no guarantees about the possibility of another good summer.

Temp Deg C &
Rain mm

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MONTH : JANUARY to DECEMBER