

**NEW: HOLTON WEATHER COMMENCES NEW TECHNOLOGY RELIABLE 42 DAY
RAINFALL & WEATHER FORECASTS USING UNIQUE NEWLY RESEARCHED
SOLAR-IONOSPHERIC-ATMOSPHERIC-OCEAN COMPUTER MODELS :
PART 2: 42 DAY MAXIMUM WIND GUST-MINIMUM & MAXIMUM
TEMPERATURE TREND FORECASTS**

Ian Holton, Holton Weather Forecasting Pty Ltd, Monday 19th July 2010

In Part 2 of exploring the new Holton Weather "SOCRAM Computer General South Australian-Victoria-New South Wales Daily Rainfall Forecasting Index" , we are exploring weather data, other than rainfall that can be fairly reliably forecast up to 42 days ahead using this same SOCRAM Index. These extra weather data that can be forecast, using the Holton SOCRAM Index, are daily Maximum Wind Speed, Minimum Temperature & Maximum Temperature.

The reason that the SOCRAM Rainfall Forecast Index also has strong relationships with maximum wind speed, minimum temperature & maximum temperature is because these meteorological elements all vary according to the amount of energy that is in the atmosphere at any one time in any one place. ..And, the SOCRAM Index is in effect a measure of the available weather energy over the South Australian-Victorian and new South Wales general area on any one day. The SOCRAM Index is a general combined measure of the energy available from the complex Solar-Ionospheric -Ocean -Atmosphere interchanges that are occurring over these areas on a daily basis.

Holton Weather "SOCRAM Computer General South Australian-Victoria-New South Wales Daily Rainfall-Weather Forecasting Index" results from the 1st March 2010 to the 17th July 2010 are shown on the graphs below...Together with an addition of the following 42 day ahead period SOCRAM forecast.

The four graphs of SOCRAM Index Vs SA-VIC-NSW Rainfall, Maximum Wind Speed, Minimum Temperature and Maximum Temperature are all shown one after the other on each page of graphs that follow. Fairly strong correlations can be seen with all of these 4 elements. (Maximum temperature correlations are a little lower than the other 3 elements, because of the larger daily maximum temperature range, and from larger regional temperature variations)

NOTES RAIN GRAPH: The actual addition of daily RAINFALL from 14 sites scattered throughout SA-VIC & NSW is shown in *dark blue* as a comparison (Times 3.5 for comparison with the SOCRAM Index).

SOUTH AUSTRALIA: KIMBA, YONGALA, NAIRNE, LOXTON & MT GAMBIER, VICTORIA: DEAN(NE of Ballarat), HAMILTON, LONGERENONG, BIRCHIP & ECHUCA, NEW SOUTH WALES: GRIFFITH, FORBES, GOULBURN & MOREE

NOTES MAX WIND GUST GRAPH: :The actual addition of daily MAX WIND GUST from 6 sites scattered through SA-VIC & NSW is shown in *purple* as a comparison (Times 2 & minus 270 for comparison with the SOCRAM Index).

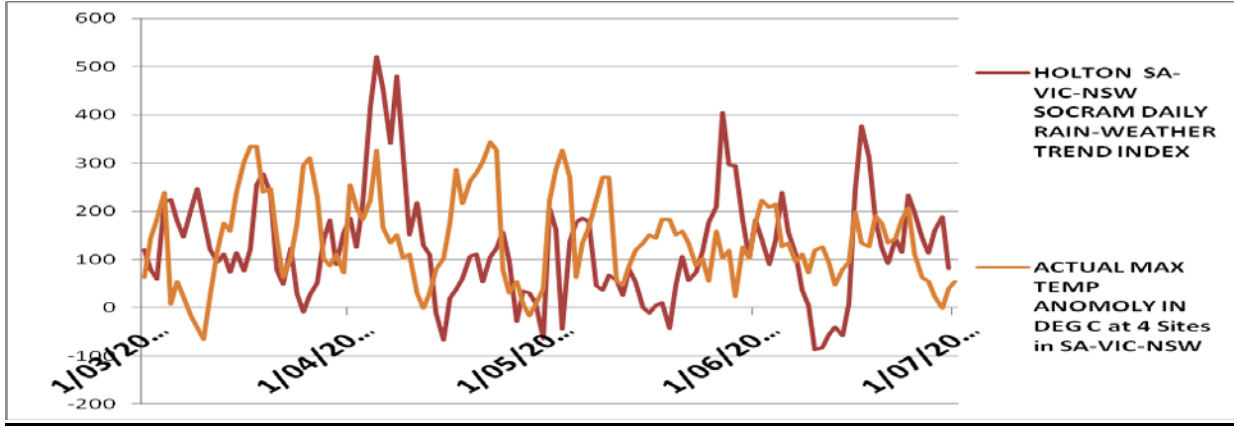
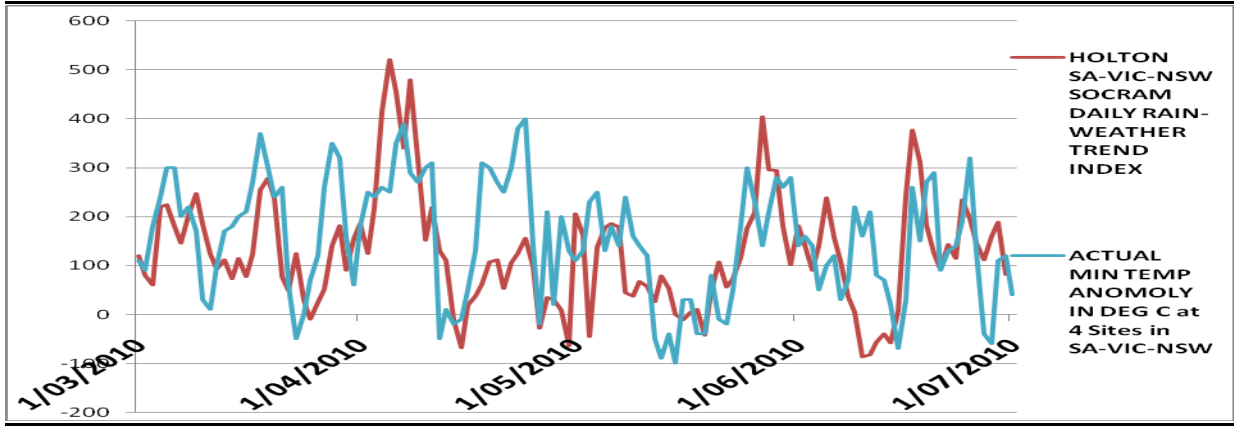
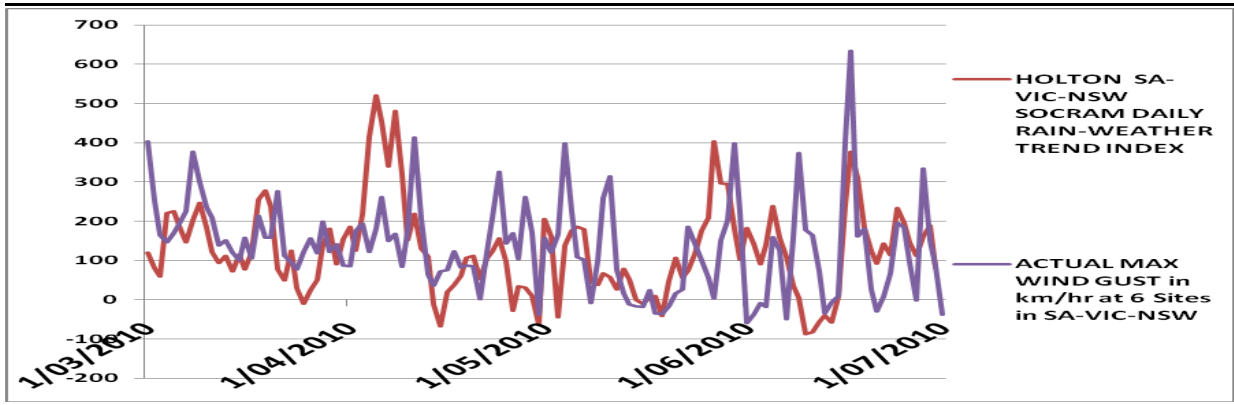
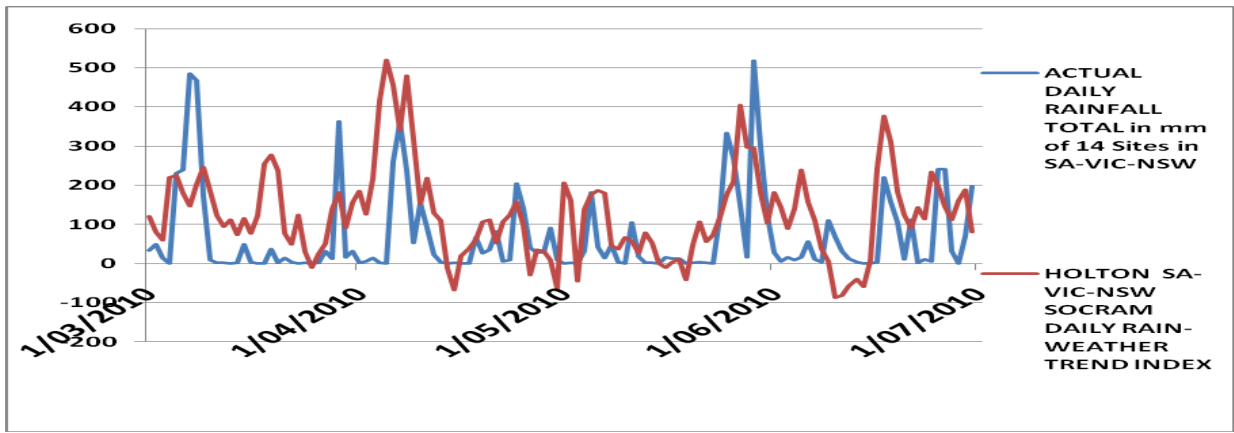
SOUTH AUSTRALIA: ADELAIDE, RENMARK, MT GAMBIER VICTORIA: BALLARAT, BENDIGO, NEW SOUTH WALES: ALBURY

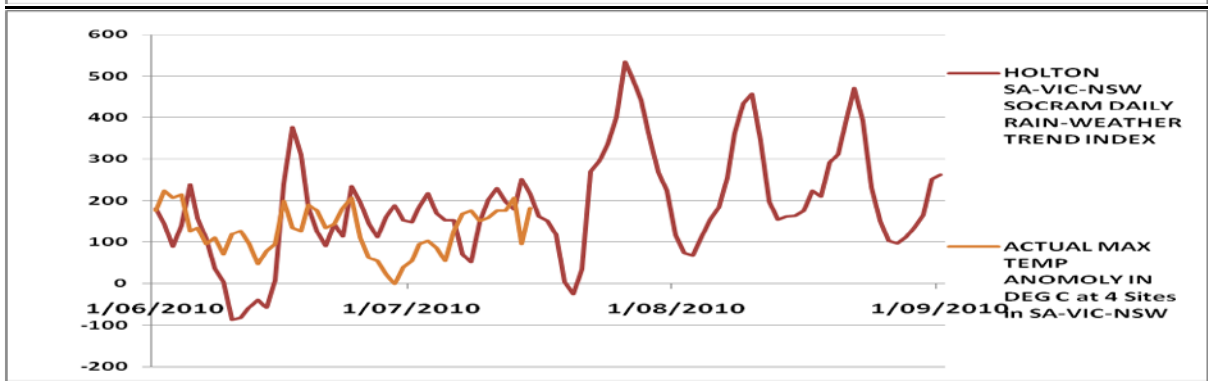
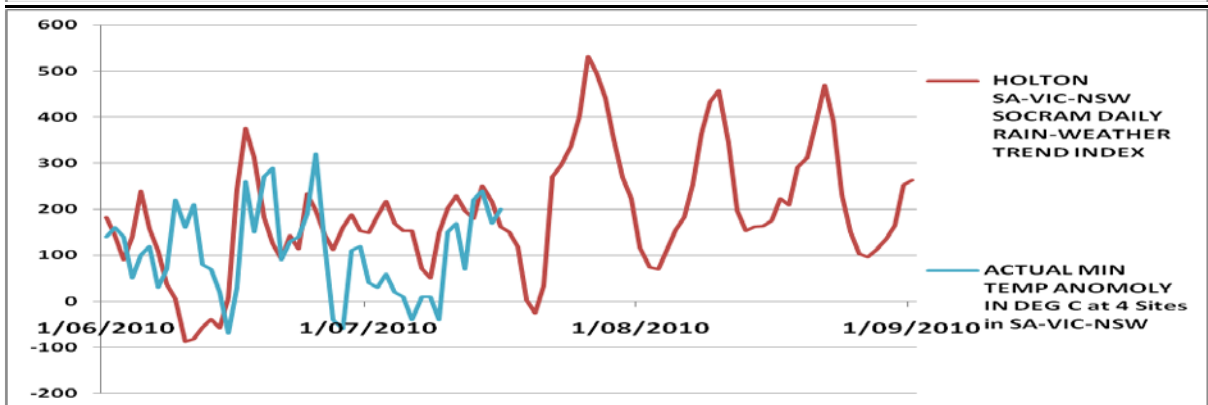
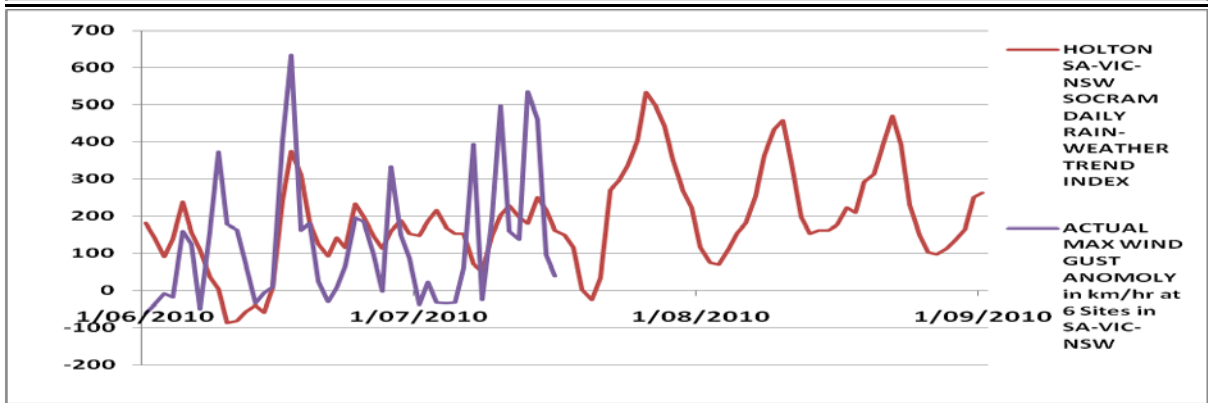
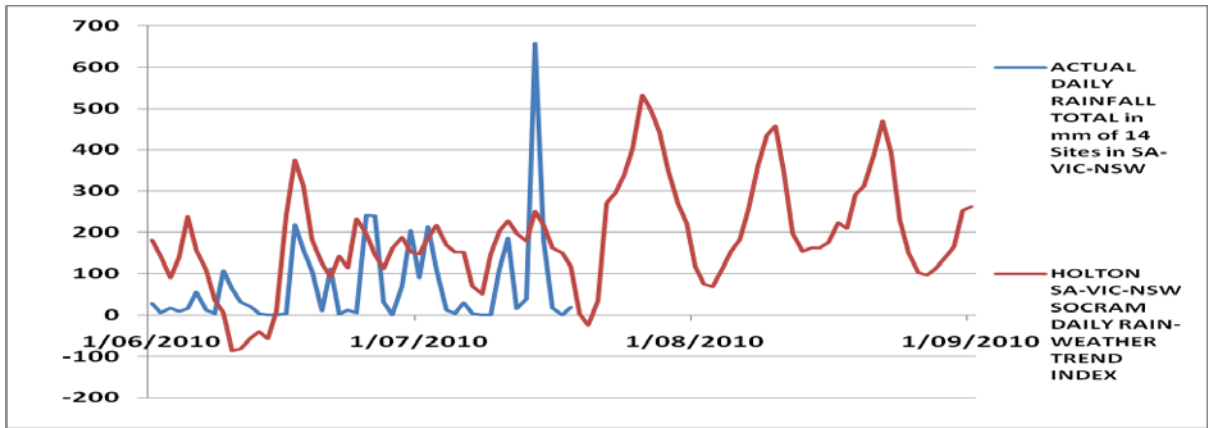
NOTES MINIMUM TEMP GRAPH: The actual addition of daily MINIMUM TEMP from 4 sites scattered through SA-VIC & NSW is shown in *light blue* as a comparison (Times 10 & plus 150 for comparison with the SOCRAM Index).

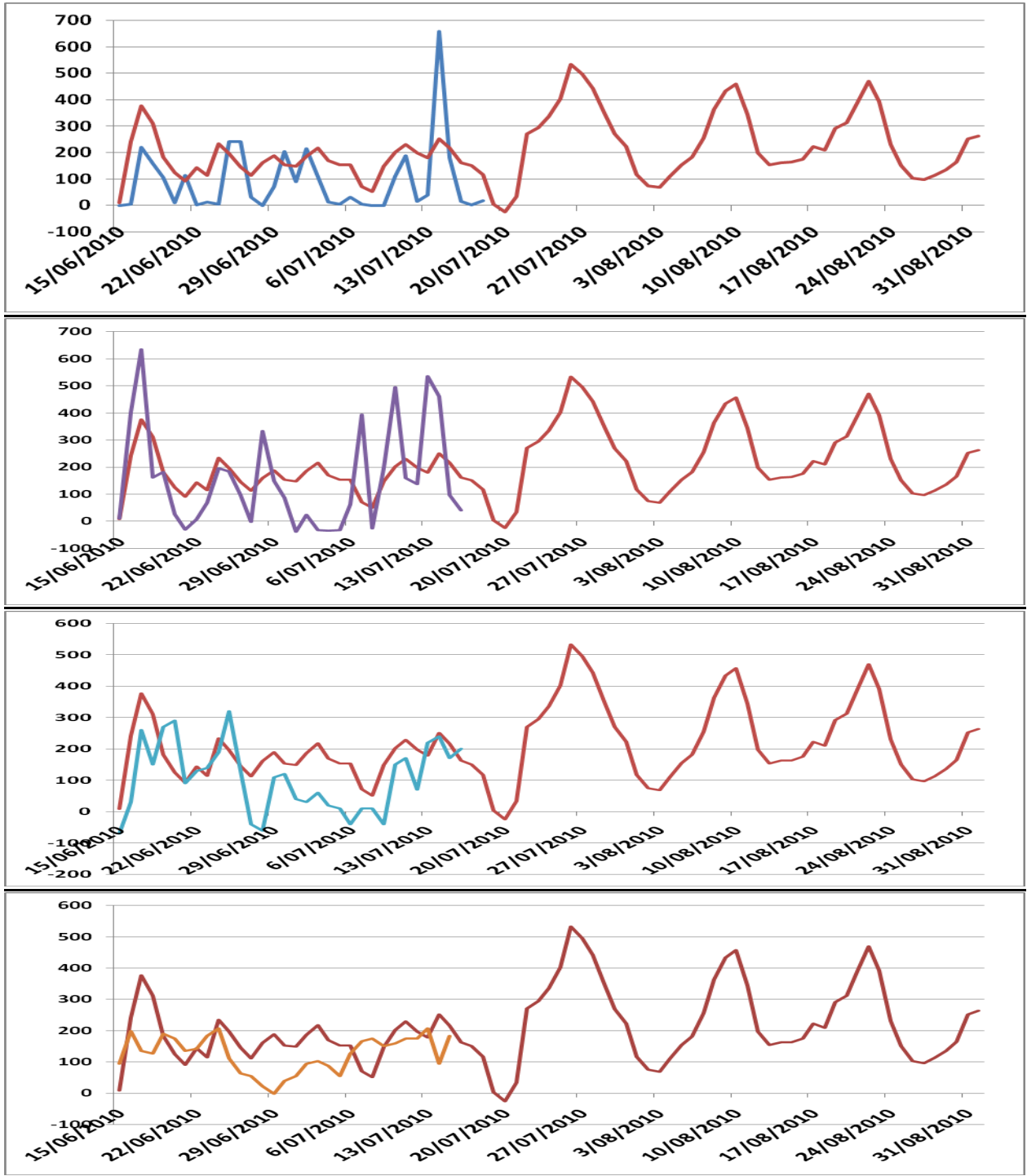
SOUTH AUSTRALIA: ADELAIDE, RENMARK, VICTORIA: BENDIGO, NEW SOUTH WALES: ALBURY

NOTES MAXIMUM TEMP GRAPH: The actual addition of daily MAXIMUM TEMP from 4 sites scattered through SA-VIC & NSW is shown in *orange* as a comparison (Times 8 & Plus 135 for comparison with the SOCRAM Index).

SOUTH AUSTRALIA: ADELAIDE, RENMARK, VICTORIA: BENDIGO, NEW SOUTH WALES: ALBURY







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