



 $p = 76 \cos(\frac{12}{5}) = 77 = 76$ Amp $\frac{83-31}{2} = 26$ midline $\frac{83+31}{2} = 57$ phase shift let

Sydney, Australia

Make a scatter plot on the graphing calculator of this data. L_1 L_2

L_1	L_2
Month	Average High Temp °F
Jan → 1	79.9
Feb → 2	79.7
March → 3	78
April → 4	73.6
May → 5	68
June → 6	63.7
July → 7	62.4
Aug → 8	65.1
Sept → 9	68.9
Oct → 10	72.7
Nov → 11	75.7
Dec → 12	78.6

Avg High Temp in Sydney, Australia

This data has the same shape as a Cosine Function!

calculator of	ter plot on the graphing f this data.
L_1	L_2
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 $\frac{1}{4} = T$