

```
baguiorainseriesforecasts$fitted
```

	xhat	level
Feb 2001	14.60	14.60
Mar 2001	27.22	27.22
Apr 2001	160.31	160.31
May 2001	117.58	117.58
Jun 2001	205.48	205.48
.		
.		
.		
Oct 2011	790.45	790.45
Nov 2011	558.28	558.28
Dec 2011	316.67	316.67

Figure 4.6: The forecast for the period January 2000 to December 2011 using Holt Winters.

Mar 2012	74.48	-351.14	500.1	-576.44	725.4
Apr 2012	132.45	-293.17	558.1	-518.48	783.4
May 2012	417.57	-8.06	843.2	-233.37	1068.5
Jun 2012	486.53	60.90	912.2	-164.42	1137.5
Jul 2012	609.41	183.77	1035.0	-41.56	1260.4
Aug 2012	945.05	519.40	1370.7	294.07	1596.0
Sep 2012	592.75	167.08	1018.4	-58.25	1243.7
Oct 2012	702.69	277.01	1128.4	51.66	1353.7
Nov 2012	142.04	-283.66	567.7	-509.02	793.1
Dec 2012	57.36	-368.37	483.1	-593.73	708.4

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rainforecasts$SSE
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[1] 13193425
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Figure 4.7: The 12-month forecast for the year 2012 based on Holt Winters smoothing.

Figure (4.8) shows the original time series with the graph of the predicted values (in blue color) and the low and high values (shown in light blue-gray color).