

## SOME CASUAL OBSERVATIONS OF SEVERAL SOUTHERN LONG PERIOD VARIABLES

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*[Editor's note: An updated version of Mr. Cragg's paper will be printed in the Proceedings of the Second European Meeting of the AAVSO, held May 25–30, 1997, in St. Luc, Switzerland.]*

I have embarked on a project of bringing data up to date on several long period southern Mira variables which, while all program stars for both the AAVSO and the RASNZ (Royal Astronomical Society of New Zealand), are not regularly observed. The following is a summary of the data for nine stars which I have observed.

RZ Pav (1740-58)

No. Estimates: 24 (JD 2444882–2449951); Range: ~9–15.5 V; O-C = ~+40<sup>d</sup>  
M - m ~0.4 P. Chart: RASNZ "b" 420.

TW Sco (1604-22)

No. Estimates: 43 (JD 2446921–2450168); Range: ~10.5–15.5 V; O-C = ~+40<sup>d</sup>  
M - m ~0.4 P. Chart: RASNZ "b" 882.

SY Sco (1747-34a)

No. Estimates: 24 (JD 2444882–9951); Range: ~9–15.5 V; O-C = ~+40<sup>d</sup>  
M - m ~0.4 P. Chart: RASNZ "b" 682.

U For (0340-25)

No. Estimates: 24 (JD 2444882–9951); Range: ~9–15.5 V; O-C = ~+40<sup>d</sup>  
M - m ~0.4 P. Chart: Argentine, with NZ magnitudes.

DF Pav (1809-65)

No. Estimates: 24 (JD 2444882–9951); Range: ~9–15.5 V; O-C = ~+40<sup>d</sup>  
M - m ~0.4 P. Charts: RASNZ "b" 632 and "d" 1067.

RU Phe (2322-48)

No. Estimates: 24 (JD 2444882–9951); Range: ~9–15.5 V; O-C = ~+40<sup>d</sup>  
M - m ~0.4 P. Chart: RASNZ "b" 420.

**GH Ara(1727-56)**

No. Estimates: 24 (JD 2444882–9951); Range: ~9–15.5 V; O-C = ~+40<sup>d</sup>  
M - m ~0.4 P. Chart: RASNZ “b” 420.

**BR Tuc (2257-64)**

No. Estimates: 24 (JD 2444882–9951); Range: ~9–15.5 V; O-C = ~+40<sup>d</sup>  
M - m ~0.4 P. Chart: RASNZ “b” 420.

**YY Cen(1230-54)**

No. Estimates: 24 (JD 2444882–9951); Range: ~9–15.5 V; O-C = ~+40<sup>d</sup>  
M - m ~0.4 P. Chart: RASNZ “b” 420.