

Star	Round1.fit	Round2.fit	Round4.fit	Round6.fit	Round7.fit	Round8.fit	Round9.fit	SD	AVG
A	16.2	16.2	16.1	15.4	16	16.3	15.8	0.311	16.000
D	16.4	16.2	16.3	15.6	16.1	16.2	16	0.261	16.114
E	15.4	15.3	15	14.9	14.9	15	15.3	0.212	15.114
F	15.6	15.6	16	15.3	15.2	15.4	15.7	0.270	15.543
G	16.4	15.9	16.6	16.5	16.6	16.5	16.4	0.241	16.414

0.116 15.837

$$M=m + 5 - 5(\log(d))$$

### Measurement Precision

Star	Average	SD 1-sigma
A	16.000	0.311
D	16.114	0.261
E	15.114	0.212
F	15.543	0.270
G	16.414	0.241
	<b>Average</b>	<b>Precision</b>
	15.837	0.116

Variable	Average	High	Low
M	0.75	0.75	0.75
m	15.837	15.953	15.721
d parsecs	10,409	10,980	9,869
d ly.	33,935	35,793	32,173
ly.		1,858	-1,762
percent diff		5.5%	-5.2%

Accepted Value 32,600  
 Measured Value 33,935  
 Percent Diff 3.9%