



The astronomer observes the star for another year and gets the following wavelengths:

1995	January	$4.863 \times 10^{-7}$	meters
1995	March	4.864	“
1995	May	4.865	“
1995	July	4.864	“
1995	September	4.863	“
1995	November	4.864	“
1996	January	$4.865 \times 10^{-7}$	meters

d) What can she deduce about the star from these data?

(Include numerical answers where you can.)