WORKSHEET: TREE RING/CLIMATE EXERCISE

In temperate regions, the growing season for a forest is about 6 months long – April to September. From the weather chart, the tables below show the average seasonal temperatures and precipitation for the growing season over 10 years.

Score each year as: Above Average (+), Average (=), or Below Average (-).

Temperature in °F

	1997	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**AVG./MO**
Apr	39.5	45.2	46.3	53.7	48.3	58.4	52.8	48.3	51.0	57.5	50.1
May	53.7	58.4	54.8	66.3	62.7	65.4	66.3	64.5	66.3	70.6	62.9
June	66.3	68.1	68.1	70.6	74.0	80.3	74.0	76.4	72.2	82.1	73.2
July	71.3	75.7	69.7	75.7	70.6	82.9	84.5	78.0	85.4	81.2	77.5
Aug	65.4	72.2	62.7	68.8	66.3	81.2	75.7	76.4	77.3	69.7	71.6
Sept	57.5	63.6	61.1	63.6	63.6	65.4	63.6	66.3	62.7	60.2	62.7
AVG. 6 mo.	**58.9**	**63.9**	**60.4**	**66.4**	**64.3**	**72.3**	**69.5**	**68.3**	**69.1**	**70.2**	**Avg. 65.8 to 66.8**
Above + Average = Below -											

Precipitation in inches

	1997	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**AVG./MO**
Apr	2.58	1.97	4.29	1.58	2.06	0.59	1.68	2.52	1.59	0.68	1.95
May	1.78	1.07	1.97	2.04	1.93	0.39	1.17	0.49	1.09	0.76	1.27
June	1.44	2.04	1.61	0.58	0.72	0.62	1.78	1.36	1.94	0.80	1.29
July	1.70	2.34	1.98	1.19	2.28	1.37	0.87	1.76	0.80	3.57	1.79
Aug	2.02	1.23	2.36	1.83	2.09	0.97	1.43	1.12	1.62	1.63	1.63
Sept	1.16	1.20	0.75	1.59	0.85	1.66	1.58	1.83	1.38	1.89	1.39
AVG.6 mo.	**1.78**	**1.64**	**2.16**	**1.47**	**1.66**	**0.93**	**1.42**	**1.51**	**1.40**	**1.56**	**Avg. 1.50 to 1.60**
Above + Average = Below -											