

## **MS005 - Air and soil temperature data from the Reference Stand network at the Andrews Experimental Forest, 1971 to present**

Sites were originally selected from common and contrasting plant communities in established reference stands. The original 19 sites represent three vegetation zones and along environmental gradients of elevation and moisture. Other sites were added in the late 1970's with some original sites discontinued. The network was collapsed in the 1990's, and the current sites are primarily used for monitoring long-term changes in temperature. The following table summarizes general vegetation zones.

Sites listed by vegetation zones and ordered moist to dry within each zone

### **Tsuga heterophylla zone (low elevations – warmer)**

<b>Reference Stand</b>	<b>Plant community</b>	<b>Elevation(m)</b>
RS07	Tshe/Pomu-Oxor	
RS19	Tshe/Pomu-Oxor	380
RS24	Tshe/Oxor	650
RS15	Tshe/Pomu	760
RS09	Tshe/Acci/Pomu	
TS75	Tshe/Acci/Pomu	
RS89	Tshe/Acci/Pomu	
RS02	Tshe/Rhma/Bene	
RS17	Tshe/Rhma/Bene	
RS31	Tshe/Rhma/Bene	760
TS76	Tshe/Rhma/Bene	510
RS10	Tshe/Rhma/Gash	610
TS77	Tshe/Rhma/Gash	610
RS06	Tshe/Cach	610
RS16	Tshe/Cach	640
RS86	Tshe/Cach	610
TS74	Tshe/Cach	555
RS08	Psme/Tshe/Cococa	
RS01	Psme/Hodi	
RS20	Psme/Hodi	683
TS32	Psme/Hodi	

**Transition zone (middle elevations)**

<b>Reference Stand</b>	<b>Plant community</b>	<b>Elevation(m)</b>
RS03	Tshe-Abam/Libo	945
RS18	Tshe/Acci/Whmo	
RS11	Psme/Acci/Bene	
RS26	Psme/Acci/Bene	
TS37	Psme/Acci/Bene	
TS36	Defoliated site	
TS38		
RS05	Tshe-Abam/Rhma/Bene	880
TS33	Tshe-Abam/Rhma/Bene	840

**Abies amabilis zone (high elevations – colder)**

<b>Reference Stand</b>	<b>Plant community</b>	<b>Elevation(m)</b>
RS04	Abam/Tiun	1310
TS34	Abam/Tiun	1310
RS13	Abpr/Clun	1350
RS12	Abam/Vaal/Coca	
TS35	Abam/Vaal/Coca	
RS14	Abam-Tsme/Xete	1430