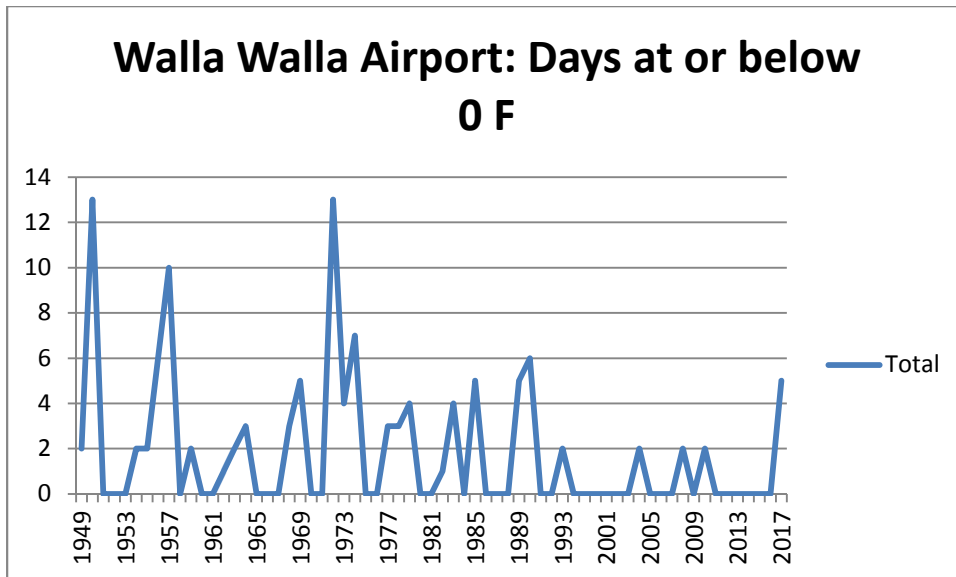
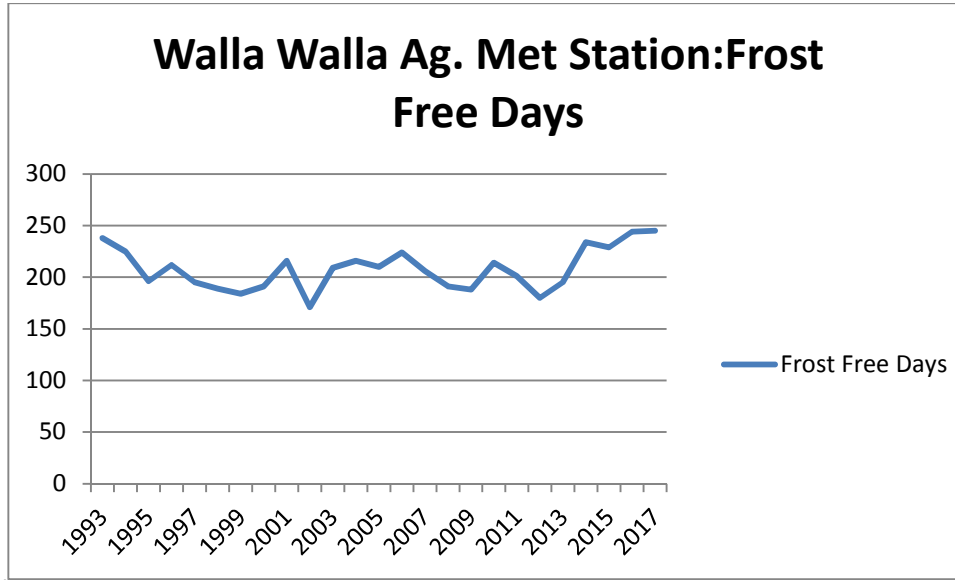


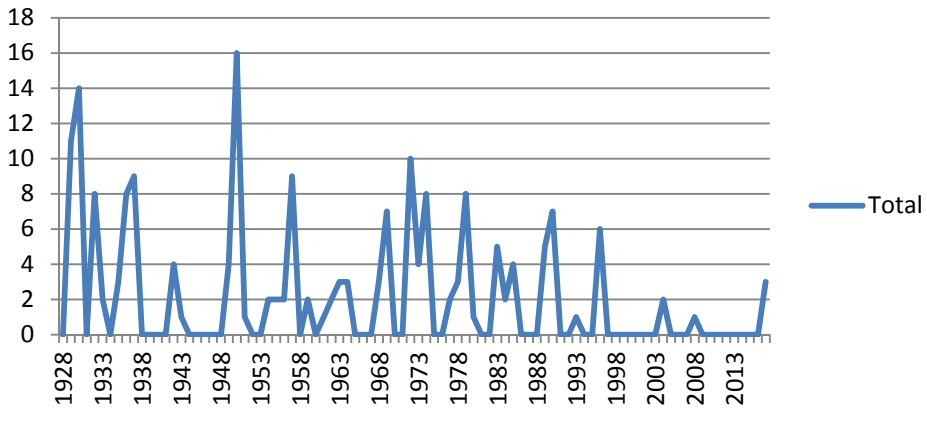
Appendix

A. List of data analyzed.

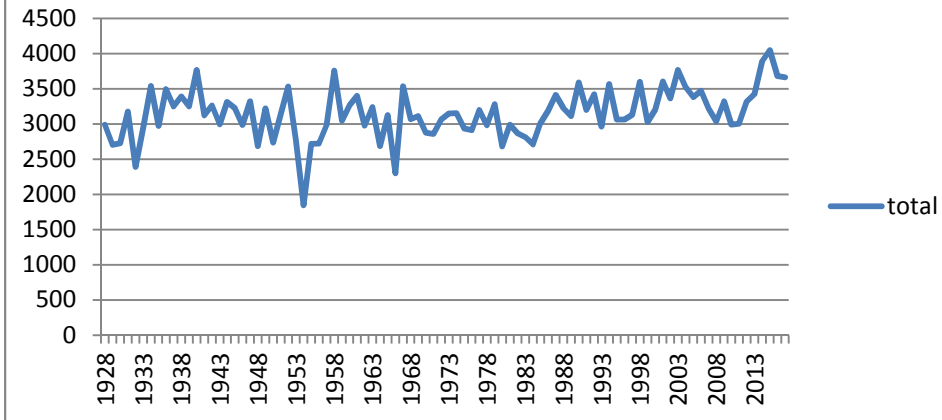


Note that data is missing for 1995 through 1998

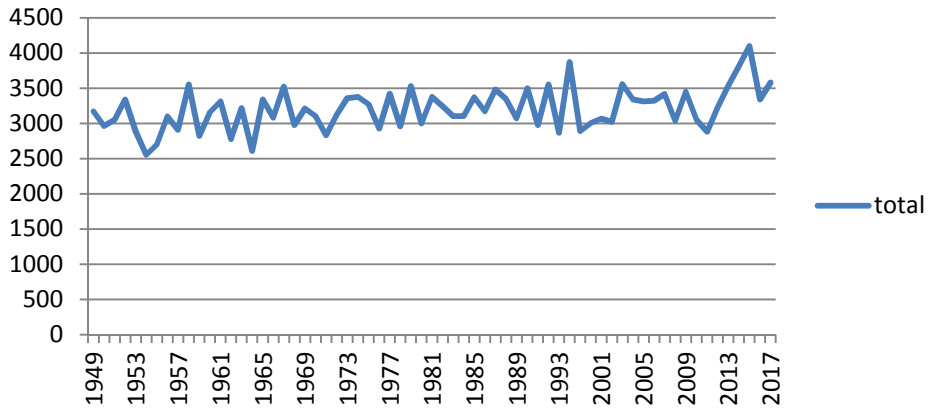
Milton Freewater: Days at or Below 0 F



Milton Freewater: Growing Degree Days

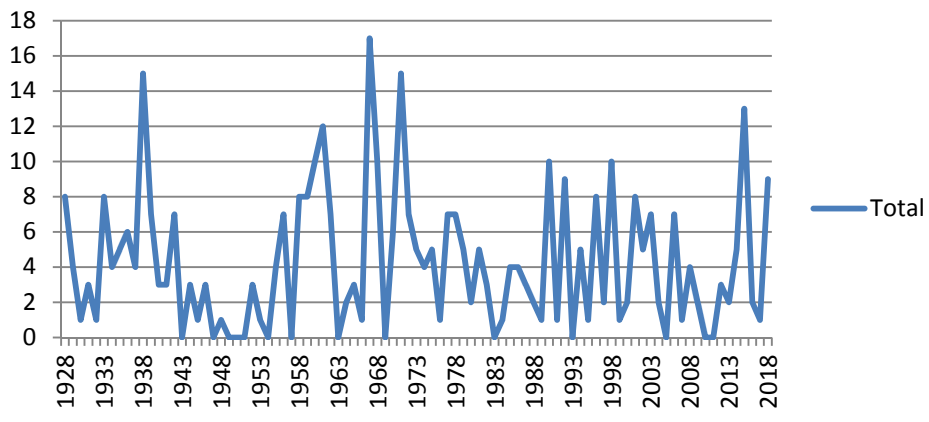


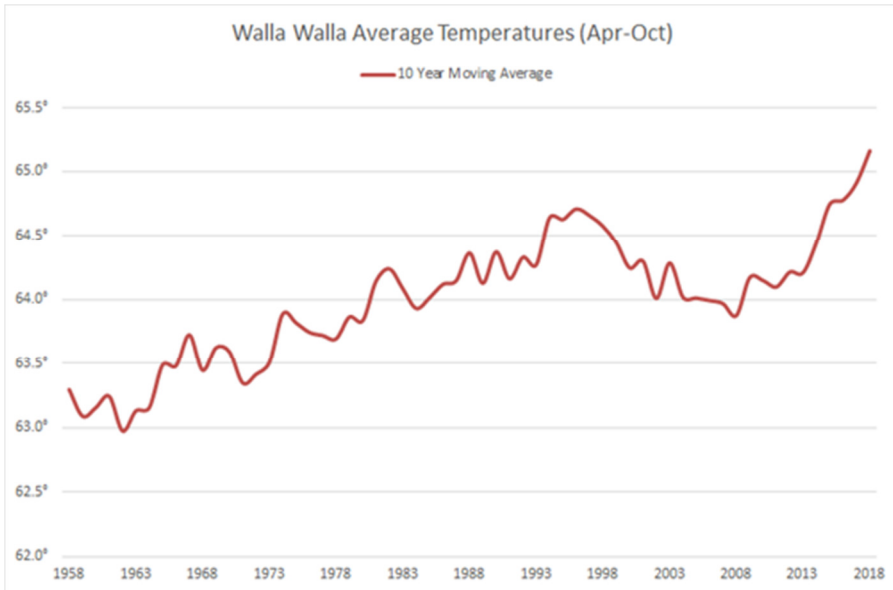
Walla Walla Airport: Growing Degree Days



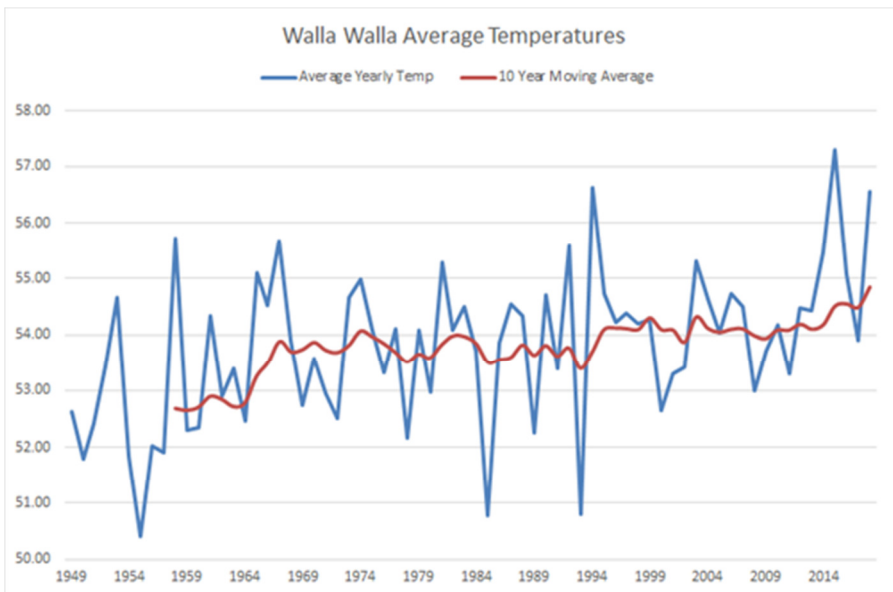
Note that data is missing for 1995 through 1998

Milton Freewater: Days at or above 100 F



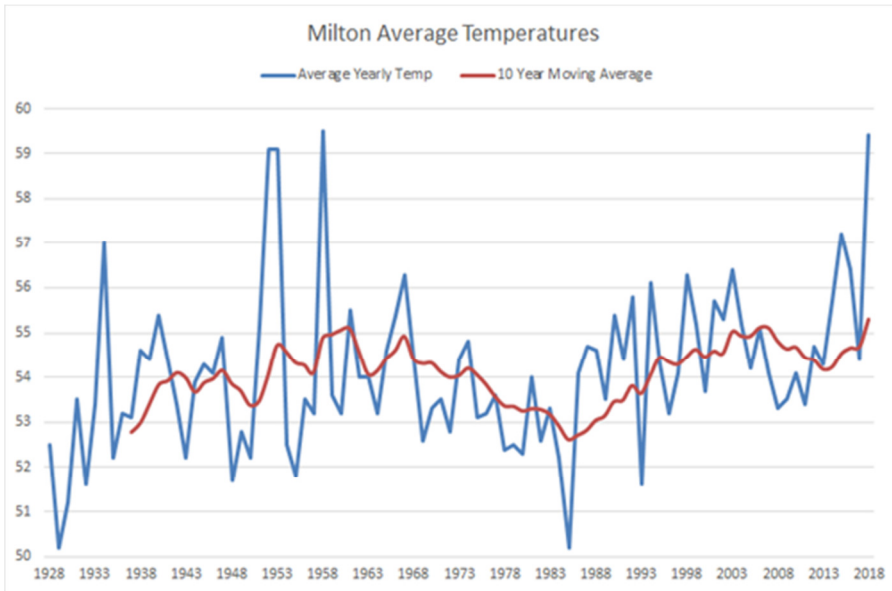
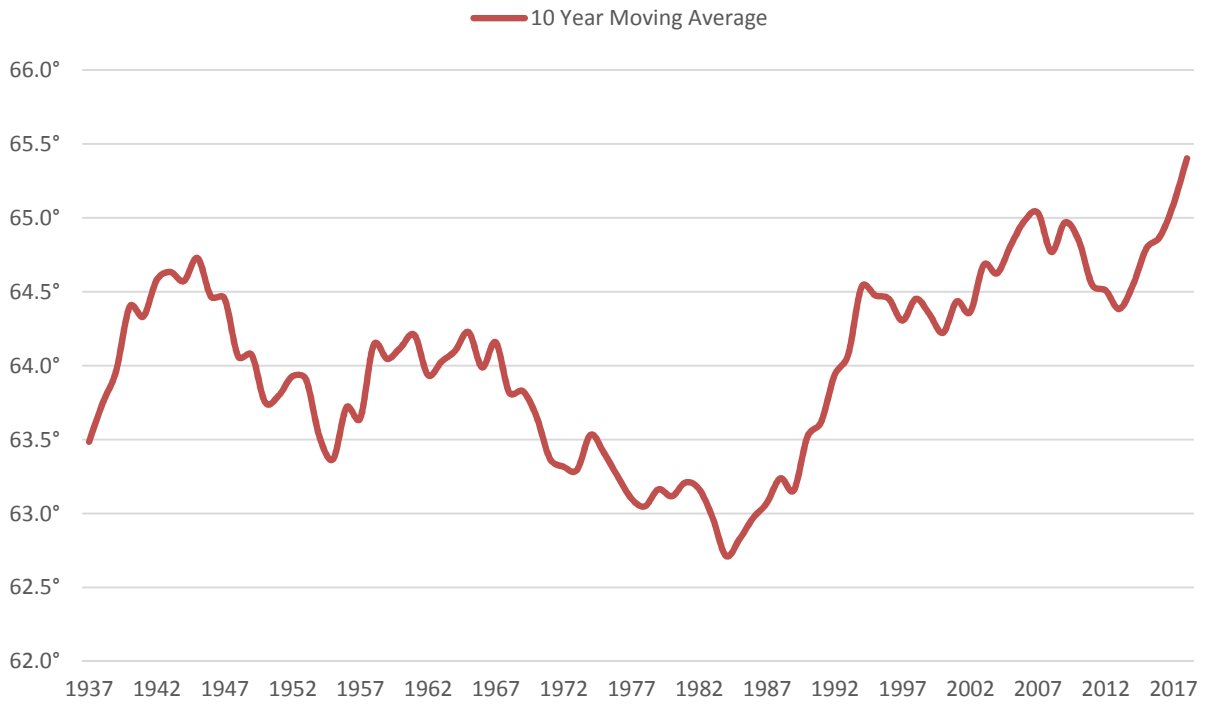


Note that data is missing for 1995 through 1998 and it has been smoothed. We took the average of the previous 5 years for each month (example, December 1995 was blank in the data set, so we calculated the average for the previous 5 Decembers).



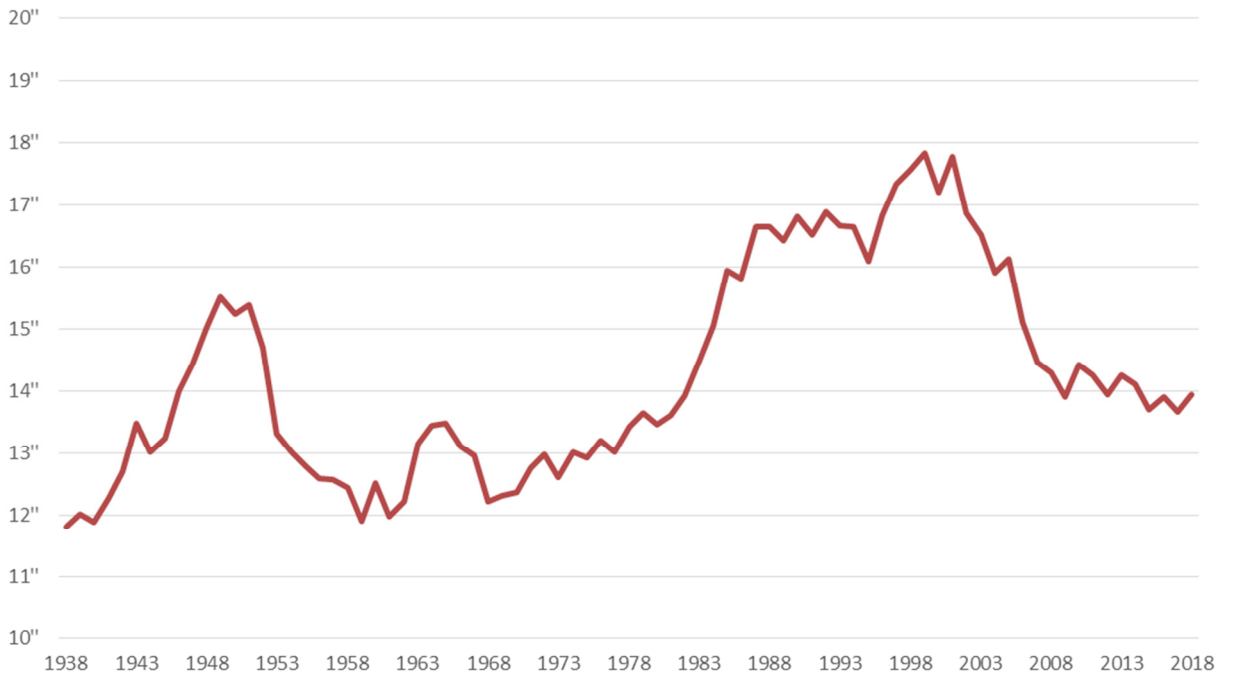
Note that data is missing for 1995 through 1998 and it has been smoothed. We took the average of the previous 5 years for each month (example, December 1995 was blank in the data set, so we calculated the average for the previous 5 Decembers).

Milton Average Temperatures (Apr-Oct)



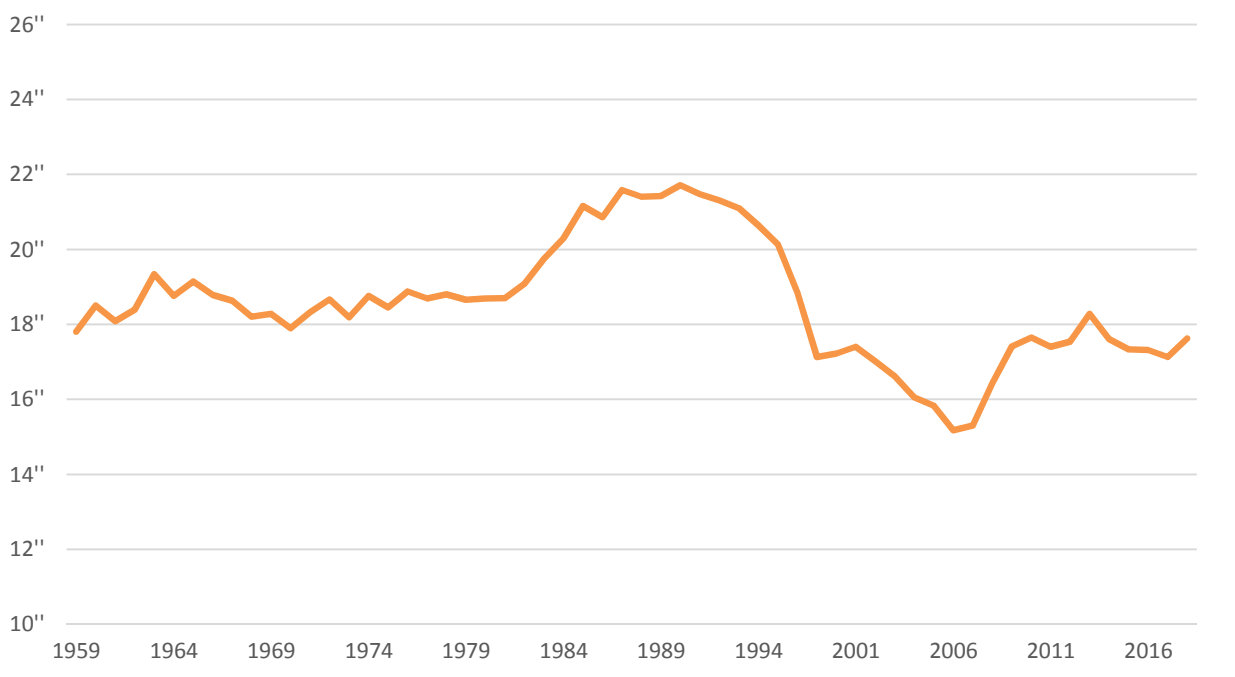
Milton Average Rainfall

10 Year Moving Average



Walla Walla Average Rainfall

10 Year Moving Average



Note that data is missing for 1995 through 1998 and it has been smoothed. We took the average of the previous 5 years for each month (example, December 1995 was blank in the data set, so we calculated the average for the previous 5 Decembers).

Weather Station Data- Three stations analyzed

1. Walla Walla Airport

Station name:WALLA WALLA REGIONAL APState:WACounty:Walla Walla County (FIPS 53071)Climate Division:CENTRAL BASIN (WA08)Station ids:24160 (WBAN) 458928 (Coop) ALW (FAA) KALW (ICAO) USW00024160 (GHCN) ALW (NWS LI)Latitude:46.0947 degreesLongitude:-118.2869 degreesElevation:1166 feetAvailable date ranges:

Max Temperature	1949-01-01 - 2018-11-21
Min Temperature	1949-01-01 - 2018-11-21
Precipitation	1949-01-01 - 2018-11-21
Snowfall	1949-01-01 - 2018-11-21
Snow Depth	1949-01-01 - 2018-11-21

2. Milton Freewater

Station name:	MILTON FREEWATER
State:	OR
County:	Umatilla County (FIPS 41059)
Climate Division:	NORTH CENTRAL (OR06)
Station ids:	355593 (Coop)

	USC00355593 (GHCN) MRWO3 (NWS LI)	
Latitude:	45.9428 degrees	
Longitude:	-118.4089 degrees	
Elevation:	970 feet	
Available date ranges:	Max Temperature	1928-01-01 - 2018-10-31
	Min Temperature	1928-01-01 - 2018-10-31
	Precipitation	1928-01-01 - 2018-10-31
	Snowfall	1928-01-01 - 2018-02-22
	Snow Depth	1928-01-01 - 2018-02-22

3. Walla Walla Ag Met

Latitude: 46.08
Longitude: 118.27
Elevation: 1178(ft)
Date installed: Jul 22, 1992