Bend Project Field Notes

22-23 October 2014

WX3 – local (PDT) not GMT

The data shuttle reset all times to PDT, therefore went back to all stations and reset them to GMT

10/23/2014

K18099 at Supervisors Office in Bend

* time was 9 hrs ahead, therefore reset to 7 hrs ahead of PDT so that it is now in GMT
* could not download data – multiple tries

Met station at Sunriver Airport – time off by 2 hrs, I think it was only 5 hrs ahead of PDT and it should be 7 hrs ahead of PDT for GMT.

Smoke 16 – Sunriver

* could not get rid of the zero calibrate error
* data with the alarm code = 1 indicates this
* blew air thru system
* called Randy at MetOne
* lost power 2 days ago and therefore battery is drained
* installed batter from Smoke 65

Smoke 65 – Installed at Lava Falls

* put batter from smoke 16 into it and hopefully it charges

Lots and lots of rain in the morning.

Colin Wills – Arnold Irrigation District, 541-639-1571 (or 541-439-1571?)

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lat = 43 deg 59.166” = 43 deg 59’ 9.96”

lon = -121 deg 23.091” = -121 deg 23’ 54.06”

Project Research Questions

* met station correllations – RAWS and Ours, Rick has list
* Burn day analysis – how many and when do burn days occur, multiple year analysis, RAWS and WRF
* Look at previous intrusions – apply 3-hr and 8-hr averages to existing “intrusions”, do AQ conditions go over “moderate”?