





Time	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	Initials/Date
<b>Hobo ID</b>								
<b>UTC GH-1</b>	OK 2-3-16	32.043	31.993	32.092	32.243	32.443	34.272	OK 2-3-16
Hobo Temp Reading °F		32	32	32	32	32	32	↓
Nist Temp Reading °F		+0.043	-0.007	+0.092	+0.243	+0.443	+2.272	
Difference								
<b>Hobo ID</b>	OK 2-11-16	77.464	80.970	81.376	79.655	81.376	80.139	OK 2-11-16
Hobo Temp Reading °F		80	84	78	82	82	83	↓
Nist Temp Reading °F		-2.536	-3.022	+3.376	-2.345	-0.624	-2.861	
Difference								
Hobo RH Reading %		68.834	67.175	69.741	68.154	72.435	70.220	
Psychrodyne RH Reading %		62	62	72	62	70	72	
Difference %		+6.834	+5.175	-2.259	+6.154	+2.425	+0.220	
<b>Hobo ID</b>	OK 2-3-16	41.601	33.386	32.293	32.293	32.592	32.742	OK 2-3-16
Hobo Temp Reading °F		32	32	32	32	32	32	↓
Nist Temp Reading °F		+9.601	+1.386	+0.293	+0.293	+0.592	+0.742	
Difference								
<b>Hobo ID</b>	OK 2-11-16	77.029	80.668	81.023	79.480	81.111	79.876	OK 2-11-16
Hobo Temp Reading °F		80	84	78	82	82	83	↓
Nist Temp Reading °F		-2.971	-3.332	+3.023	-2.52	-0.889	-3.124	
Difference								
Hobo RH Reading %		69.993	68.340	70.739	68.456	73.159	70.908	
Psychrodyne RH Reading %		62	62	72	62	70	72	
Difference %		+7.993	+6.34	-1.261	+6.456	+3.159	-1.092	
<b>Hobo ID</b>	OK 2-24-16	32.542	32.491	32.592	33.386	37.560	33.336	OK 2-24-16
Hobo Temp Reading °F		32	32	32	32	32	32	↓
Nist Temp Reading °F		+0.542	+0.491	+0.592	+1.386	+5.560	+1.336	
Difference								
<b>Hobo ID</b>	OK 2-25-16	81.066	79.392	80.008	79.743	80.227	78.602	OK 2-25-16
Hobo Temp Reading °F		82	83	83	79	79	78	↓
Nist Temp Reading °F		-0.934	-3.608	-2.992	+0.743	+1.227	+0.602	
Difference								
Hobo RH Reading %		43.640	42.765	42.165	44.158	43.287	44.651	
Psychrodyne RH Reading %		44	48	48	48	46	48	
Difference %		-0.36	-5.235	-5.835	-3.842	-2.713	-3.349	
<b>Hobo ID</b>	OK 2-24-16	31.993	32.043	32.142	32.193	34.615	32.641	OK 2-24-16
Hobo Temp Reading °F		32	32	32	32	32	32	↓
Nist Temp Reading °F		-0.007	+0.043	+0.142	+0.193	+2.615	+0.641	
Difference								
<b>Hobo ID</b>	OK 2-25-16	80.978	79.655	80.227	80.008	80.537	78.996	OK 2-25-16
Hobo Temp Reading °F		82	83	83	79	79	78	↓
Nist Temp Reading °F		-1.022	-3.345	-2.773	+1.008	+1.537	+0.996	
Difference								
Hobo RH Reading %		44.170	43.151	42.548	44.542	43.339	44.178	
Psychrodyne RH Reading %		44	48	48	48	46	48	
Difference %		+0.170	-4.849	-5.452	-3.458	-2.661	-3.822	

Signature: *David E...* Date: 2-25-16

Time	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	Initials/Date
<b>Hobo ID</b>								
<b>UTC GH-2</b>								
Hobo Temp Reading °F	OK 2-3-16	32.142	32.142	32.243	32.342	33.138	36.169	OK 2-3-16
Nist Temp Reading °F		32	32	32	32	32	32	↓
Difference °F		+0.142	+0.142	+0.243	+0.342	+1.138	+4.169	
Hobo Temp Reading °F	OK 2-11-16	77.029	80.316	80.668	79.216	80.802	79.655	OK 2-11-16
Nist Temp Reading °F		80	84	78	82	82	83	↓
Difference °F		-2.971	-3.684	+2.668	-2.784	-1.198	-3.345	
Hobo RH Reading %		66.124	64.044	66.565	64.175	69.026	66.255	
Psychrodyne RH Reading %		62	62	72	62	70	72	
Difference %		+4.124	+2.094	-5.435	+2.175	-0.914	-5.745	
<b>Hobo ID</b>								
<b>UTC GH Backup-3</b>								
Hobo Temp Reading °F	OK 2-4-16	31.942	31.942	31.942	31.942	32.243	31.942	OK 2-4-16
Nist Temp Reading °F		32	32	32	32	32	32	↓
Difference °F		-0.058	-0.058	-0.058	-0.058	+0.243	-0.058	
Hobo Temp Reading °F	OK 2-11-16	77.770	81.111	81.421	79.743	81.376	80.316	OK 2-11-16
Nist Temp Reading °F		80	84	78	82	82	83	↓
Difference °F		-2.23	-2.889	+3.421	-2.257	-0.674	-2.684	
Hobo RH Reading %		64.345	63.401	66.151	64.956	68.993	66.622	
Psychrodyne RH Reading %		62	62	72	62	70	72	
Difference %		+2.345	+1.401	-5.849	+2.956	-1.007	-5.378	
<b>Hobo ID</b>								
<b>TRT GH-2</b>								
Hobo Temp Reading °F	OK 2-3-16	31.942	31.942	31.942	31.942	32.592	35.249	OK 2-3-16
Nist Temp Reading °F		32	32	32	32	32	32	↓
Difference °F		-0.058	-0.058	-0.058	-0.058	+0.592	+3.249	
Hobo Temp Reading °F	OK 2-11-16	77.292	80.802	81.54	79.480	81.199	80.008	OK 2-11-16
Nist Temp Reading °F		80	84	78	82	82	83	↓
Difference °F		-2.708	-3.198	+3.154	-2.52	-0.801	-2.992	
Hobo RH Reading %		65.756	64.934	67.340	66.450	70.298	67.862	
Psychrodyne RH Reading %		62	62	72	62	70	72	
Difference %		+3.756	+2.934	-4.66	+4.45	+0.298	-4.138	
<b>Hobo ID</b>								
<b>TRT GH Backup-3</b>								
Hobo Temp Reading °F	OK 2-3-16	31.993	32.293	32.742	32.293	33.681	35.733	OK 2-3-16
Nist Temp Reading °F		32	32	32	32	32	32	↓
Difference °F		-0.007	+0.293	+0.742	+0.293	+1.681	+3.733	
Hobo Temp Reading °F	OK 2-11-16	76.811	80.361	80.713	79.216	80.757	79.655	OK 2-11-16
Nist Temp Reading °F		80	84	78	82	82	83	↓
Difference °F		-3.189	-3.639	+2.713	-2.784	-1.243	-3.345	
Hobo RH Reading %		66.374	64.648	66.933	64.707	69.292	67.042	
Psychrodyne RH Reading %		62	62	72	62	70	72	
Difference %		+4.374	+2.648	-5.067	+2.907	-0.708	-4.958	

Signature: *David L...* Date: 2-11-16







Thermo-hygrometer Relative Humidity (R.H.) Unit ID AT- 2 and 3 were checked for R.H. against a Psychrodyne unit that had the calibration verified.

AT-2 R.H. %	Psychrodyne R. H. %	Date Performed	Int./Date
30	32	12-16-15	OK 12-16-15

AT-3 R.H. %	Psychrodyne R. H. %	Date Performed	Int./Date
34	32	12-16-15	OK 12-16-15





EQUIPMENT NAME: Davis Instruments Turbo Meter

### MAINTENANCE & REPAIR LOG

Date: 5-27-15	Initials: DPK
Description of Routine Maintenance or Repair: wind gauge WS-3 was sent to DAVIS Instruments to have the calibration verified	
Performed By: DAVIS Instruments	Date Performed: 5-27-15
Were SOPs Followed: YES	
<b>IF NON-ROUTINE REPAIR:</b>	
1. Date mal-function discovered: DPK 5-27-15	
2. How was mal-function discovered:	
3. Remedial Action Taken:	
Date:	Initials:
Description of Routine Maintenance or Repair:	
Performed By:	Date Performed:
Were SOPs Followed:	
<b>IF NON-ROUTINE REPAIR:</b>	
1. Date mal-function discovered: DPK 12-14-15	
2. How was mal-function discovered:	
3. Remedial Action Taken:	
Date:	Initials:
Description of Routine Maintenance or Repair:	
Performed By:	Date Performed:
Were SOPs Followed:	
<b>IF NON-ROUTINE REPAIR:</b>	
1. Date mal-function discovered:	
2. How was mal-function discovered:	
3. Remedial Action Taken:	

