

<b>HMSC Meteorological Tower</b>						
<b>Inventory of Equipment: 2024</b>						
Model #	Manufacturer	Serial #	function			
020D	MetOne	D16278	Wind Direction			
010C	MetOne	D11227	Wind Speed - Installed New			
085A-35	MetOne	D12498	Humidity/Temperature (Installed 12/23/2023)			
073B	MetOne		Radiation Shield			
CR1000	Campbell Sci		Data Logger			
370	MetOne	H12649	Rain Gage			
92	MetOne	K15013	Barometric Pressure			
MX-140			Solar System, 40 W Panel, 36 AH Battery			
Battery	Power Patrol		Battery 12v, 33 AH, U1			
	ASC Spec. Conc.		Charger			

Notes:	11/16/2022	New dir installed (model 020D), spare speed, new wind cables		
	06/14/2023	Lowered Tower and replaced the "tail" on the direction sensor		
	12/23/2023	New Temp/RH sensor installed. Old one was reporting bad values for a few days prior to sensor swap.		
		Program updated to reflect new sensor.		
	01/22/2024	Installed a new cable for the pressure sensor after noticing N/A values for several days. This seemed to correct the problem. I also had to replace the 1/4 amp fuse located in the battery enclosure.		
		The station was down for a few hours during repairs.		
	05/21/2024	Replaced the radiation shield around the Temp/RH sensor with a new one that has 7 plates.		
	06/17/2024	Noticed the RH values had been 100% since I reset the power back on May 21. I disconnected the cable to the T/RH sensor and reattached it. Seemed to solve the problem. (~3pm pdt)		
	06/01/2025	Tower fell over about 15:30 PDT in strong, gusty NW winds.		
	7/25/2025	Tower repaired and restored to service (~9:00 PDT)		
	10/06/2025	Replaced Battery. Battery drained down late on Oct 4. It was approx. 8 years old.		