

Data Plans and Services for 110-WS-NOVA-SAT

110-WS-NOVA-SAT weather stations transmit data in a proprietary format which is best interpreted by dedicated servers owned by McCrometer Inc. located in Hemet, California. The services described in this brochure can be obtained by contacting their offices and ordering direct (pricing subject to change without notice).

The screenshot shows the McCrometer Connect web interface. At the top, there are navigation links: Home, LogOut, and Help. Below that are links for Station_Graph, Alarms, Digital_I/O, Models, Sensor_Map_3D /_2D, and Feeds. The main content area features a map on the left and a data table on the right. The data table is titled 'Nova-SAT' and lists various sensors with their current values and units. A legend below the table explains the color coding for data freshness: Black for current data, Red for data older than 35 minutes, Blue for data older than 24 hours, and Red background for missing data for virtual sensors. There is also a 'Select a Station' dropdown menu at the bottom left of the interface.

Sensor	Value	Units	TimesLamp
Air Temperature	69.97	Deg F	6/4/2018 9:37:41 AM
Relative Humidity	47.90	% RH	6/4/2018 9:37:41 AM
Battery Volts	11.52	Volts	6/4/2018 9:37:41 AM
Barometric Pressure	1.56	mb	6/4/2018 9:37:42 AM
Wind Direction	263.58	Deg	6/4/2018 9:37:42 AM
Wind Speed	0.00	Mph	6/4/2018 9:37:42 AM
Wind Run	0.00	Miles	6/4/2018 9:37:42 AM
Precipitation	0.00	Inches	6/4/2018 9:37:42 AM

Website Hosting Fee		
HOST-MCC-M00	Hosting, Monthly	\$7.00 / month
Data Fees		
640-6030-PR12B	12K Data Plan (12000 bytes)	\$26 / month
640-6030-PR12BO	12K Data Plan Overage	\$2.00/Kbyte Block per month

The amount of data used depends on several factors including how many sensors are connected to each station and how often the station transmits. Each sensor uses 4 bytes per report. A rough estimate can be made by multiplying 4 times the number of sensors to determine the number of bytes per reporting cycle. If the station reports once per hour, then multiply by 24 to obtain the number of bytes per day, and multiply by 30 for the number of bytes per month. It should be understood if additional "event-based" reporting is programmed on a station then the amount of data cannot be predicted with certainty.

When data is not needed temporarily, the radio can be suspended or cancelled. Generally, if data is not needed for more than six months it is best to cancel, then re-activate the radio when it is needed.

Temporary Data Service Suspension Costs		
SUSPEND	Suspended radio maintenance fee	\$3.00 / month
HOST-MCC-M00	Hosting, Monthly	\$7.00 / month
Total monthly fee to suspend radio:		\$10.00 / month

Ordering Information (Monday to Friday 7am - 4pm PST)

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