

SensorName	Units	HAWCS sensor name
Atmospheric		
airTemperature	Temperature Celsius	Air Temp
atmosphericPressure	Hectopascals	Atmos
atmosphericPressureAtSeaLevel	Hectopascals	Press (Sea)
dewPointTemperature	Temperature Celsius	Dew Temp
maximumWindSpeed	Kilometres Per Hour	Gust
maximumWindSpeedDirectionBearing	Angle In Degrees	Gust Dir
minimumVisibilityDistance	Meters	Vis
precipitationTotal	Meters	Precip (Total)
precipitationTotalLastHour	Meters	Precip (Hour)
presentWeather	Enum	Weather
rainIntensity	Millimetres Per Hour	intensity
rainOnOff	Enum	Rain On/Off
rainState	Enum	Rain State
relativeHumidity	Percentage	RH
snowHeight	Meters	Snow
solarRadiation	Watts Per Square Metre	Solar
windDirectionBearing	Angle In Degrees	Wind
windSpeed	Kilometres Per Hour	Wind dir
Surface sensors (up to four each)		
alarmStatus	Enum	Alarm
amountOfChemical	Intensity KilogramsPerSquareMetre	Chem
baseTemperature	Temperature Celsius	Depth Temp
blackIceFrequency	Hertz	Black ice
conductivity	-	Cond
deicingConcentration	Concentration Kilograms Per Cubic Metre	Deicing
freezingTemperature	Temperature Celsius	Not shown
groundTemperature	Temperature Celsius	Ground Temp
iceLayer	Meters	IL
levelOfGrip	-	Grip
liquidFreezingTemperature	Temperature Celsius	Freeze temp
snowLayer	Meters	SL
surfaceSignal	-	Surface Signal
surfaceState	Enum	Road State
surfaceTemperature	Temperature Celsius	Road Temp
waterLayer	Meters	WL
waterThickness	Meters	Water thk
wetMinutes	Minutes	Wet mins
cloudState	Enum	Cloud State
Hardware Sensors		
batteryVoltage	Volts	Battery Voltage
dscHardwareStatus	Enum	Remote Surface Sensor
generalStatus	Enum	ESS
relayState	-	Relay State
visibilitySensorStatus	Enum	Visibility Sensor