
Mauna Loa Solar Observatory Observer's Log

Thu Dec 10 17:04:42 GMT 1998
Year: 98 Doy: 344
Observer: koon
WEATHER COMMENT: Thu Dec 10 17:04:45 GMT 1998
Very thick altocumulus overcast, it looks like the kind of cloud cover that often precedes snow, wind=10 mph from the SE, temp=44 F.
COMMENT: Thu Dec 10 19:39:53 GMT 1998
I've read through the UPS documentation and it looks like we can start using the UPS before we get the monitoring software setup. So I'm going to shut down the Sparcstations, etcetera, and connect everything critical to the UPS and then try it out.
WEATHER COMMENT: Thu Dec 10 19:41:59 GMT 1998
The sky is still extremely cloudy.

COMMENT: Thu Dec 10 20:12:35 GMT 1998
OK, I connected all the unswitched computer related and communication related power to the UPS and started it up and checked out all that I could with the neat LCD menus. It looks like everything works perfectly. The total load on the UPS varies between 10% and about 35% of its rated capacity. Input and out put voltages look good, and the batteries are at full charge. I'll talk to Peter and get the monitoring software setup as the frosting on the cake later, but right now we are protected very nicely against utility power problems.
COMMENT: Thu Dec 10 20:23:00 GMT 1998
I tested the switchover of the UPS by turning off the breaker for the 208 VAC input power. It worked seamlessly, very nice. Of course in a real blackout we would lose all the monitors since they are connected to switched power sources to conserve power, but we could connect them to the UPS as needed during the blackout. Only the PC monitor is currently connected to the UPS, all the SUN and Sony monitors are not on the UPS. In a blackout we would only need the UPS to shutdown gracefully anyway, the greatest way the UPS would help is by preventing disk crashes and other problems caused by power interruptions.
Thu Dec 10 20:36:16 GMT 1998
MkIII