

Setting the Internal Time on the Nimbus PL

The time clock on the nimbus needs to have midnight set as the time of observation in order for observers to correctly retrieve previous day's temperature data. The instruction in the Nimbus PL manual should be followed on page 4 to set the clock to the observation time. Use the table below to help figure out what time to set the clock to. Ensure to remind your observers to check the internal clock after power outages and when we go from standard to daylight (and vice versa).

Set Internal Clock on Nimbus PL	=	Based off Observation Time	Ob time
2400	=	0800	Ob time
0200	=	1000	Ob time
0400	=	1200	Ob time
0600	=	1400	Ob time
0800	=	1600	Ob time
1000	=	1800	Ob time
1200	=	2000	Ob time
1400	=	2200	Ob time
1600	=	2400	Ob time
1800	=	0200	Ob time
2000	=	0400	Ob time
2200	=	0600	Ob time

Notes: The table will have to be adjusted based on the time of the observation in order to set up the Nimbus PL internal clock properly. All times are in military time within the nimbus. The times in the table are done every two hours as an example; the internal clock needs to be set to the exact hour and minute.

It is good to show your observer how this is done while you are there on for your Annual COOP Visit. Ensure to leave a copy of the instructions how to set the internal clock (good to leave a copy the

Nimbus PL manual). While on the phone with them it is good, to have the table above handy and already adjusted to their observation time, so it will be a seamless process. If you are unsure an observer can do this, it may be best not to even tell him/her about this option/function.