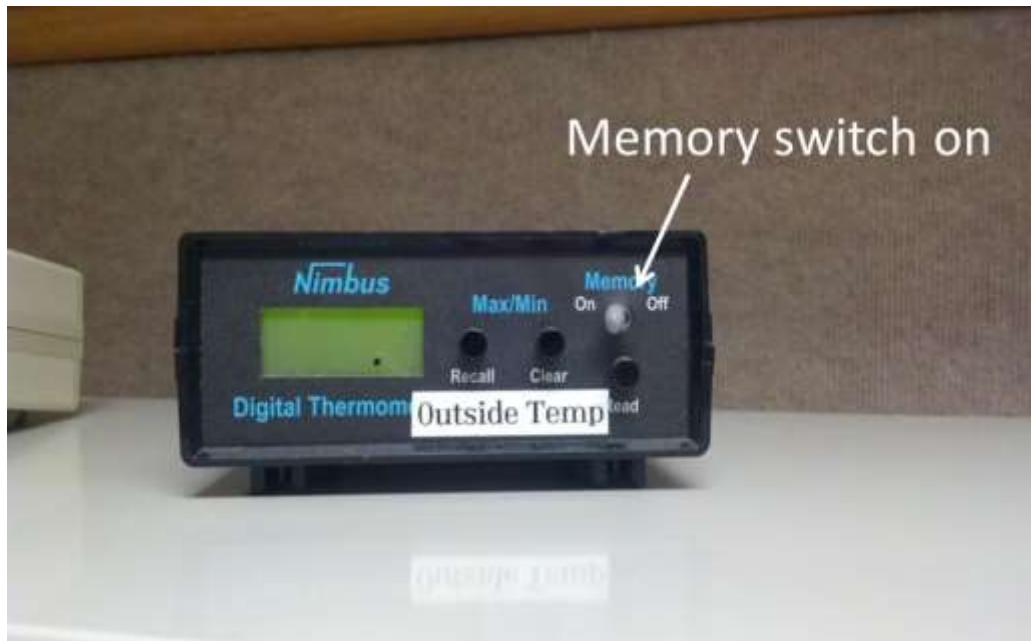


Nimbus Temperature Display



To retrieve the high and low for your morning observation



Now press the recall button 6 times until you see 0.1



The temperatures displayed prior to 0.1 are the high and low recorded so far from 7am this morning until the current time. This is considered 0 days back or 0.0. We need to go back by one day in order to display the high and low from 7am yesterday morning through 7am this morning. The 0.1 on the display means that the high and low displayed following the 0.1 are the temperatures from one day back or yesterday until today.

The next press of the Recall button will now display the high temperature from 7am yesterday through 7am this morning.

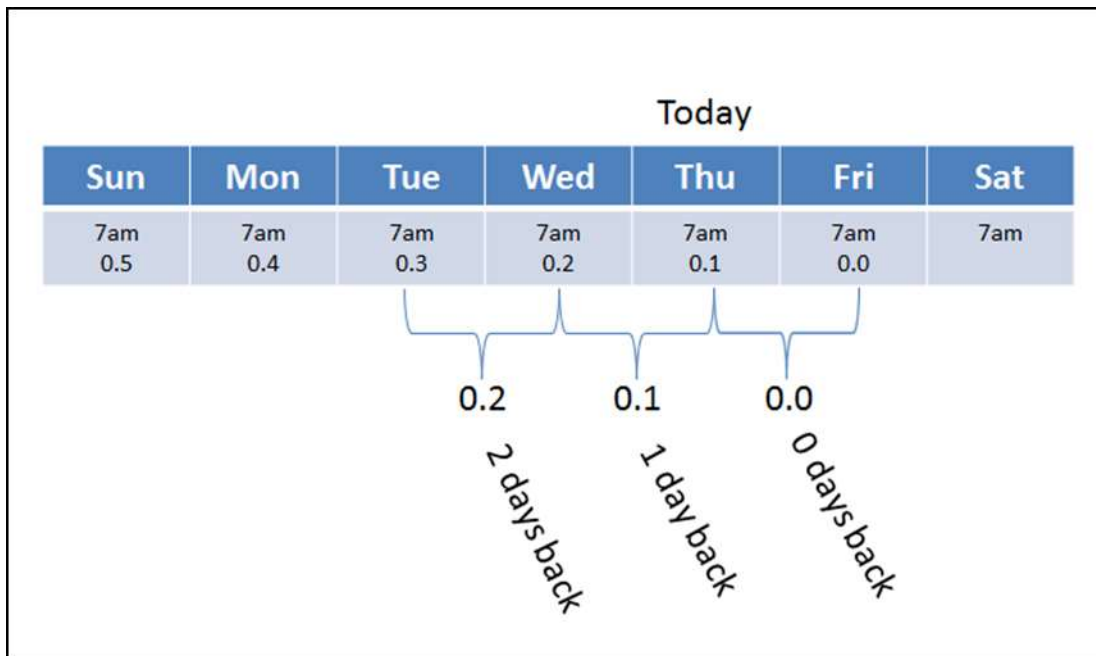


The next press of the Recall button will now display the time the high was recorded. The time is offset and may not make sense since we have the time offset in order for midnight to occur at 7am. We do not need the time for our observation so press the Recall button again to display the low.



One more press of the Recall button will display the time but, again, we don't need this.

Press the Recall button one more time and 0.2 will be displayed. This is to indicate that the display will now indicate the high and low from two days back. The display will hold 34 days' worth of temperatures. For example 1.0 stands for 10 days back and 2.5 stands for 25 days back. The easiest way to keep it all straight is to look at a monthly calendar and label the current day as 0.1. Remember one day back is from 7am yesterday through 7am today so the temperatures you retrieve are for today's observation. That's why we can label today on the calendar as 0.1. The example below shows that the current day is Thursday.



So in this example 2 days back would be the temperatures from 7am Tuesday through 7am Wednesday and these temperatures would be used for your Wednesday morning observation. 3 days back would be for your Tuesday morning observation, 4 days back would be for your Monday morning observation and so on and so on.

Now to retrieve your “at observation” temperature, flip the memory switch to off and then back on again. Now press the Read button. Every time you press the Read button, the display will show an hour and then the temperature that was recorded at that hour. In the below example, the first press of the Read button displays 11:00 and then 78 is immediately displayed. The temperature at 11:00 was 78 degrees.



Repeatedly press or hold down the Read button until you see 00:00. Remember we have set the time on the display to read 00:00 when the actual time is 7am. Once you see 00:00, the temperature displayed afterwards was our temperature at 7am this morning. This is your at observation temperature for today's observation. In the below example the temperature at 7am this morning was 68 degrees.



Now pressing the Recall button once will cause the display to jump back 24 hours to 7am yesterday morning. The temperature displayed now is what the temperature was at 7am yesterday morning. You can press the recall button up to 34 times in order to get 7am temperatures for the last 34 days.



Now flip the memory switch back to off and you're done. Don't forget to switch it to the off position.

Setting the Nimbus Time

When using the memory function the Nimbus time must be offset so that 00:00 (midnight) is displayed at your observation time of 07:00 am (or other time as determined). Use the following hourly lists to help set your time.

If 7am is Your Observation Time

Actual Time	Nimbus Time	Actual Time	Nimbus Time	Actual Time	Nimbus Time
7 am	00:00	3 pm	08:00	11 pm	16:00
8 am	01:00	4 pm	09:00	12 am	17:00
9 am	02:00	5 pm	10:00	1 am	18:00
10 am	03:00	6 pm	11:00	2 am	19:00
11 am	04:00	7 pm	12:00	3 am	20:00
12 pm	05:00	8 pm	13:00	4 am	21:00
1 pm	06:00	9 pm	14:00	5 am	22:00
2 pm	07:00	10 pm	15:00	6 am	23:00

If 8 am is Your Observation Time

Actual Time	Nimbus Time	Actual Time	Nimbus Time	Actual Time	Nimbus Time
8 am	00:00	4 pm	08:00	12 pm	16:00
9 am	01:00	5 pm	09:00	1 am	17:00
10 am	02:00	6 pm	10:00	2 am	18:00
11 am	03:00	7 pm	11:00	3 am	19:00
12 pm	04:00	8 pm	12:00	4 am	20:00
1 pm	05:00	9 pm	13:00	5 am	21:00
2 pm	06:00	10 pm	14:00	6 am	22:00
3 pm	07:00	11 pm	15:00	7 am	23:00

A Different Observation Time

Enter Your Observation Time in the First Box and Fill downward

Actual Time	Nimbus Time	Actual Time	Nimbus Time	Actual Time	Nimbus Time
	00:00		08:00		16:00
	01:00		09:00		17:00
	02:00		10:00		18:00
	03:00		11:00		19:00
	04:00		12:00		20:00
	05:00		13:00		21:00
	06:00		14:00		22:00
	07:00		15:00		23:00

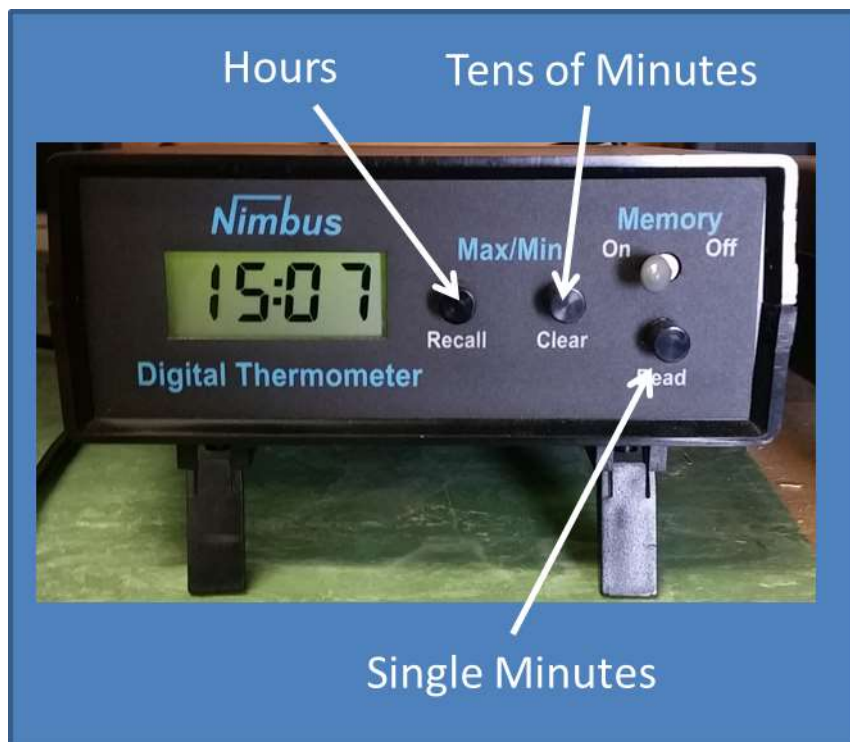
To set the Nimbus time, hold the **Recall** button down for about 2 seconds and then while still holding it down, flip the **Memory** switch to **On**. The display will then flash E3E.3 quickly and then display the current time on the Nimbus.



Use the **Recall** button to set the hour (the **15** in the picture below)

Use the **Clear** button to set the tens of minutes (the **0** in the picture below)

Use the **Read** button to set the single minutes (the **7** in the picture below)



Once you have your time set, flip the **Memory** switch back to the **Off** to return to the current temperature display. You are now finished setting your Nimbus time.

