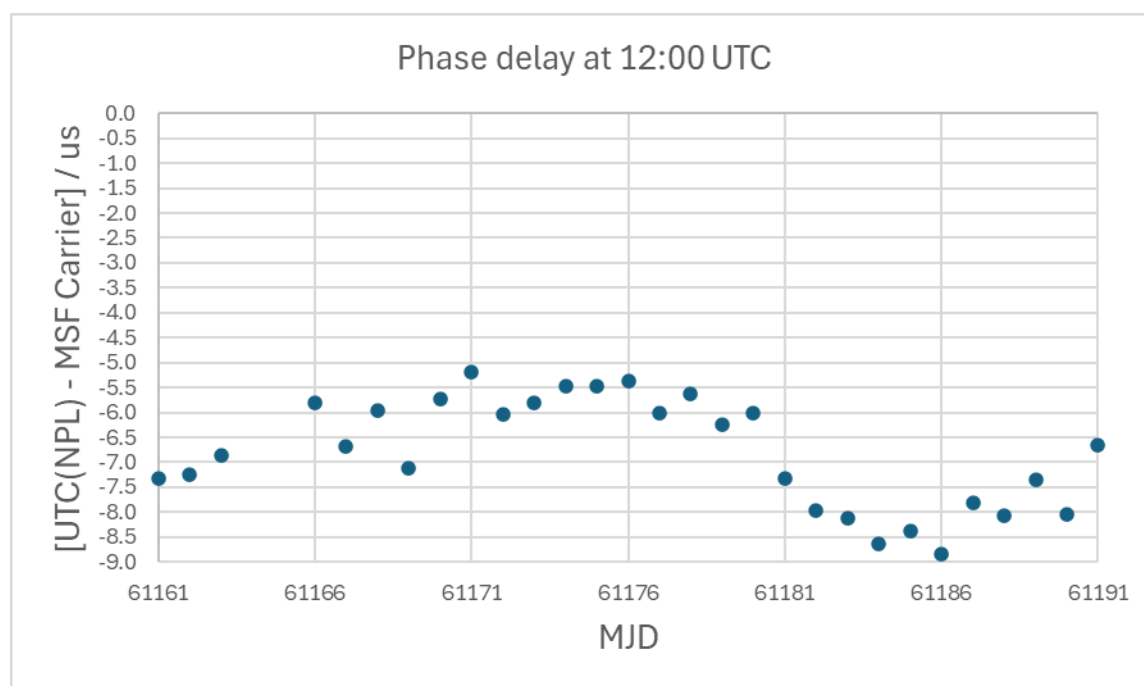


## MSF Monitoring Bulletin

**1 May 2026 – 31 May 2026**

**MJD 61161 - MJD 61191**

The plot and table below show measurements of the 60 kHz carrier phase delay of the MSF signal relative to UTC(NPL) with an arbitrary fixed time offset (modulo  $16.67 \mu\text{s}$ ). The data has been averaged for 10 minutes at midday (11:55 – 12:05 UTC) each day.



### Statistics

Mean Value	-6.8 $\mu\text{s}$
Standard Deviation	1.1 $\mu\text{s}$

**Tabulated Values**

<b>Day</b>	<b>MJD</b>	<b>Phase delay / <math>\mu</math>s</b>
<b>2026-05-01</b>	61161.5	-7.3
<b>2026-05-02</b>	61162.5	-7.2
<b>2026-05-03</b>	61163.5	-6.9
<b>2026-05-04</b>	61164.5	NaN
<b>2026-05-05</b>	61165.5	NaN
<b>2026-05-06</b>	61166.5	-5.8
<b>2026-05-07</b>	61167.5	-6.7
<b>2026-05-08</b>	61168.5	-6.0
<b>2026-05-09</b>	61169.5	-7.1
<b>2026-05-10</b>	61170.5	-5.7
<b>2026-05-11</b>	61171.5	-5.2
<b>2026-05-12</b>	61172.5	-6.0
<b>2026-05-13</b>	61173.5	-5.8
<b>2026-05-14</b>	61174.5	-5.5
<b>2026-05-15</b>	61175.5	-5.5
<b>2026-05-16</b>	61176.5	-5.4
<b>2026-05-17</b>	61177.5	-6.0
<b>2026-05-18</b>	61178.5	-5.6
<b>2026-05-19</b>	61179.5	-6.2
<b>2026-05-20</b>	61180.5	-6.0
<b>2026-05-21</b>	61181.5	-7.3
<b>2026-05-22</b>	61182.5	-8.0
<b>2026-05-23</b>	61183.5	-8.1
<b>2026-05-24</b>	61184.5	-8.6
<b>2026-05-25</b>	61185.5	-8.4
<b>2026-05-26</b>	61186.5	-8.8
<b>2026-05-27</b>	61187.5	-7.8
<b>2026-05-28</b>	61188.5	-8.1
<b>2026-05-29</b>	61189.5	-7.4
<b>2026-05-30</b>	61190.5	-8.0
<b>2026-05-31</b>	61191.5	-6.7

NaN indicates measurement is unavailable.

To find out more about the MSF Radio Time Signal:

[npl.co.uk/products-services/time-frequency/msf-radio-time-signal](https://npl.co.uk/products-services/time-frequency/msf-radio-time-signal)

To get in touch:

[npl.co.uk/contact](https://npl.co.uk/contact)

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