

To account for discrepancies in measurements between satellites a set of adjustments has been developed (Finger et al., 1993), and are shown in the adjustments document provided at the NDACC DHF. Adjustments should be applied by subtracting:

Adjusted value = Retrieved value – Adjustment

Finger, F. G., M. E. Gelman, J. D. Wild, M. L. Chanin, A. Hauchecorne, and A. J. Miller, 1993: "Evaluation of NMC Upper stratospheric temperature analyses using rockesonde and lidar data", Bull. Am. Meteorol. Soc., Vol. 74, pp 789-799, doi: [https://doi.org/10.1175/1520-0477\(1993\)074<0789:EONUST>2.0.CO;2](https://doi.org/10.1175/1520-0477(1993)074<0789:EONUST>2.0.CO;2).

Period 2: 2/23/79 to 1/20/80

```
*****
**  5MB  -----  1.4  **
**  2MB  ----- -1.2  **
**  1MB  ----- -2.1  **
**  .4MB  -----  6.3  **
*****
```

Period 3: 1/21/80 to 10/16/80

```
*****
**  5MB  -----  1.3  **
**  2MB  ----- -3.9  **
**  1MB  ----- -5.6  **
**  .4MB  -----  1.3  **
*****
```

Period 4: 10/17/80 to 9/1/81

```
*****
**  5MB  -----  2.2  **
**  2MB  ----- -3.2  **
**  1MB  ----- -7.0  **
**  .4MB  -----  0.9  **
*****
```

Period 5: 9/2/81 to 9/1/83

```
*****
**  5MB  -----  5.7  **
**  2MB  ----- -1.1  **
**  1MB  ----- -8.3  **
**  .4MB  -----  5.4  **
*****
```

Period 6: 9/2/83 to 6/18/84

```
*****
**  5MB  ----- -0.5  **
**  2MB  ----- -4.9  **
**  1MB  ----- -5.4  **
**  .4MB  ----- -0.7  **
*****
```

Period 7: 6/19/84 to 2/26/85

```
*****
**  5MB  -----  1.9  **
```

```
** 2MB ----- -3.7 **
** 1MB ----- -4.0 **
** .4MB ----- 2.2 **
*****
```

Period 8: 2/27/85 to 3/10/87

```
*****
** 5MB ----- 5.7 **
** 2MB ----- -3.3 **
** 1MB ----- -6.9 **
** .4MB ----- 8.5 **
*****
```

Period 9: 3/11/87 to 9/19/88

```
*****
** 5MB ----- 4.6 **
** 2MB ----- -3.3 **
** 1MB ----- -6.5 **
** .4MB ----- 7.4 **
*****
```

Period 10: 9/20/88 to 4/30/2001

```
*****
** 5MB ----- 2.2 **
** 2MB ----- -2.4 **
** 1MB ----- -6.2 **
** .4MB ----- 3.5 **
*****
```

Period 11: from 5/1/2001 on

```
*****
** No adjustment for AMSU **
*****
```