**Error Logs**

**GHCN-D**

**Process (fixed)**

Tue Jul 8 21:26:27 2025: GHCN-D Process: Failed for WA008314390.dly. Error: Length of colspecs must match length of names

Tue Jul 8 21:26:27 2025: GHCN-D Process: Failed for WA010101180.dly. Error: Length of colspecs must match length of names

Tue Jul 8 21:26:27 2025: GHCN-D Process: Failed for AO000066447.dly. Error: Length of colspecs must match length of names

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**Explanation**

The Problem: Length of colspecs must match length of names

This error is definitive. It means that inside the \_process\_worker function, we are building two lists for pandas.read\_fwf():

1. names: The names of the columns.
2. col\_specs: The character positions for each column.

The error occurs because the final lists don't have the same number of items.

The Solution: Remove the Incorrect Line

The fix is simple: we just need to remove the line that adds the extra column specifications. By only specifying the five characters for the value ((start, start + 5)), we are already implicitly telling pandas to ignore the flag columns that follow.

**GSOD**

**Download (not fixed)**

Tue Jul 8 21:42:53 2025: GSOD Download: Error for 68352099999/1986. Details: HTTPSConnectionPool(host='www.ncei.noaa.gov', port=443): Max retries exceeded with url: /data/global-summary-of-the-day/access/1986/68352099999.csv (Caused by SSLError(SSLError(1, '[SSL: TLSV1\_ALERT\_DECODE\_ERROR] tlsv1 alert decode error (\_ssl.c:1007)')))

Tue Jul 8 21:51:20 2025: GSOD Download: Error for 67231099999/2011. Details: HTTPSConnectionPool(host='www.ncei.noaa.gov', port=443): Max retries exceeded with url: /data/global-summary-of-the-day/access/2011/67231099999.csv (Caused by SSLError(SSLError(1, '[SSL: TLSV1\_ALERT\_DECODE\_ERROR] tlsv1 alert decode error (\_ssl.c:1007)')))

**Process (not fixed)**

Tue Jul 8 22:19:21 2025: GSOD Process: Could not find metadata for station 6013099999

**Normals**

Running pipeline for dataset: normals, step: download

--- Normals: Checking availability for 394 regional stations ---

100%|██████████████████████████████████████████████████████| 394/394 [00:13<00:00, 29.94it/s]

--- Download Summary ---

Successfully downloaded: 0

Already existed: 0

Not Found (404): 394

Other network/server errors: 0

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CONCLUSION: It is confirmed that no stations in your target region have a corresponding 1991-2020 Daily Normals product on the server.

**ISD Lite**