OPeNDAP Dataset Access Form

Action: Get ASCII | Get Binary | Show Help

Data URL: https://tds.hycom.org/thredds/dodsC/GLBy0.08/expt_93.0/data/forecasts/runs/FN

Global Attributes:

```
classification_level: UNCLASSIFIED
distribution_statement: Approved for public release. Distribution unlimited.
downgrade_date: not applicable
classification_authority: not applicable
institution: Fleet Numerical Meteorology and Oceanography Center
```

Variables:

☐ **depth: Array of 64 bit Reals [depth = 0..39]**

depth:

```
units: m
long_name: Depth
standard_name: depth
positive: down
axis: Z
```

☐ **lat: Array of 64 bit Reals [lat = 0..4250]**

lat:

```
units: degrees_north
long_name: Latitude
standard_name: latitude
point_spacing: even
axis: Y
```

☐ **lon: Array of 64 bit Reals [lon = 0..4499]**

lon:

```
units: degrees_east
long_name: Longitude
standard_name: longitude
modulo: 360 degrees
axis: X
```

☐ **time: Array of 64 bit Reals [time = 0..35]**

time:

```
long_name: Forecast time for ForecastModelRunCollection
standard_name: time
calendar: proleptic_gregorian
units: hours since 2019-05-11 12:00:00.000 UTC
missing_value: NaN
```

☐ **time1: Array of 64 bit Reals [time1 = 0..60]**

time1:

```
long_name: Forecast time for ForecastModelRunCollection
standard_name: time
calendar: proleptic_gregorian
units: hours since 2019-05-11 12:00:00.000 UTC
missing_value: NaN
```

☐ **time2: Array of 64 bit Reals [time2 = 0..24]**

time2:

```
long_name: Forecast time for ForecastModelRunCollection
standard_name: time
calendar: proleptic_gregorian
units: hours since 2019-05-11 12:00:00.000 UTC
missing_value: NaN
```

☐ **tau: Array of 64 bit Reals [time = 0..0]**

time:

```
units: hours since analysis
long_name: Tau
time_origin: 2019-05-14 12:00:00
NAVO_code: 56
```

☐ **water_temp: Grid**

time: depth: lat: lon:

units: degC
long_name: Water Temperature
standard_name: sea_water_temperature
NAVO_code: 15
comment: in-situ temperature

☐ **water_temp_bottom: Grid**
time: lat: lon:

units: degC
long_name: Water Temperature
standard_name: sea_water_temperature_at_bottom
NAVO_code: 15
comment: in-situ temperature

☐ **salinity: Grid**
time: depth: lat: lon:

units: psu
long_name: Salinity
standard_name: sea_water_salinity
NAVO_code: 16
coordinates: time_run time depth lat lon

☐ **salinity_bottom: Grid**
time: lat: lon:

units: psu
long_name: Salinity
standard_name: sea_water_salinity_at_bottom
NAVO_code: 16
coordinates: time_run time lat lon

☐ **water_u: Grid**
time2: depth: lat: lon:

units: m/s
long_name: Eastward Water Velocity
standard_name: eastward_sea_water_velocity
NAVO_code: 17
coordinates: time2_run time2 depth lat lon

☐ **water_u_bottom: Grid**
time2: lat: lon:

units: m/s
long_name: Eastward Water Velocity
standard_name: eastward_sea_water_velocity_at_bottom
NAVO_code: 17
coordinates: time2_run time2 lat lon

☐ **water_v: Grid**
time2: depth: lat: lon:

units: m/s
long_name: Northward Water Velocity
standard_name: northward_sea_water_velocity
NAVO_code: 18
coordinates: time2_run time2 depth lat lon

☐ **water_v_bottom: Grid**
time2: lat: lon:

units: m/s
long_name: Northward Water Velocity
standard_name: northward_sea_water_velocity_at_bottom
NAVO_code: 18
coordinates: time2_run time2 lat lon

☐ **surf_el: Grid**
time1: lat: lon:

units: m
long_name: Water Surface Elevation
standard_name: sea_surface_elevation
NAVO_code: 32
coordinates: time1_run time1 lat lon

☐ **time_offset: Array of 64 bit Reals [time = 0..35]**
time:

long_name: offset hour from start of run for coordinate = time
standard_name: forecast_period
calendar: proleptic_gregorian
units: hours since 2019-05-11T12:00:00Z
missing_value: NaN

☐ **time1_offset: Array of 64 bit Reals [time1 = 0..60]**

time1:

long_name: offset hour from start of run for coordinate = time1
standard_name: forecast_period
calendar: proleptic_gregorian
units: hours since 2019-05-11T12:00:00Z
missing_value: NaN

time2_offset: Array of 64 bit Reals [time2 = 0..24]

time2:

long_name: offset hour from start of run for coordinate = time2
standard_name: forecast_period
calendar: proleptic_gregorian
units: hours since 2019-05-11T12:00:00Z
missing_value: NaN

For questions or comments about this dataset, contact the administrator of this server [HYCOM.org Forum] at: forum@hycom.org

For questions or comments about OPeNDAP, email OPeNDAP support at: support@opendap.org

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DDS:

```
Dataset {
    Float64 depth[depth = 40];
    Float64 lat[lat = 4251];
    Float64 lon[lon = 4500];
    Float64 time[time = 36];
    Float64 time1[time1 = 61];
    Float64 time2[time2 = 25];
    Float64 tau[time = 1];
    Grid {
     ARRAY:
        Float32 water_temp[time = 36][depth = 40][lat = 4251][lon = 4500];
     MAPS:
        Float64 time[time = 36];
        Float64 depth[depth = 40];
        Float64 lat[lat = 4251];
        Float64 lon[lon = 4500];
    } water_temp;
    Grid {
     ARRAY:
        Float32 water_temp_bottom[time = 36][lat = 4251][lon = 4500];
     MAPS:
        Float64 time[time = 36];
        Float64 lat[lat = 4251];
        Float64 lon[lon = 4500];
    } water_temp_bottom;
    Grid {
     ARRAY:
        Float32 salinity[time = 36][depth = 40][lat = 4251][lon = 4500];
     MAPS:
        Float64 time[time = 36];
        Float64 depth[depth = 40];
        Float64 lat[lat = 4251];
        Float64 lon[lon = 4500];
    } salinity;
    Grid {
     ARRAY:
        Float32 salinity_bottom[time = 36][lat = 4251][lon = 4500];
     MAPS:
        Float64 time[time = 36];
        Float64 lat[lat = 4251];
        Float64 lon[lon = 4500];
    } salinity_bottom;
    Grid {
     ARRAY:
        Float32 water_u[time2 = 25][depth = 40][lat = 4251][lon = 4500];
     MAPS:
        Float64 time2[time2 = 25];
        Float64 depth[depth = 40];
        Float64 lat[lat = 4251];
        Float64 lon[lon = 4500];
    } water_u;
    Grid {
     ARRAY:
        Float32 water_u_bottom[time2 = 25][lat = 4251][lon = 4500];
     MAPS:
        Float64 time2[time2 = 25];
        Float64 lat[lat = 4251];
        Float64 lon[lon = 4500];
    } water_u_bottom;
```

```
    Grid {
     ARRAY:
        Float32 water_v[time2 = 25][depth = 40][lat = 4251][lon = 4500];
     MAPS:
        Float64 time2[time2 = 25];
        Float64 depth[depth = 40];
        Float64 lat[lat = 4251];
        Float64 lon[lon = 4500];
    } water_v;
    Grid {
     ARRAY:
        Float32 water_v_bottom[time2 = 25][lat = 4251][lon = 4500];
     MAPS:
        Float64 time2[time2 = 25];
        Float64 lat[lat = 4251];
        Float64 lon[lon = 4500];
    } water_v_bottom;
    Grid {
     ARRAY:
        Float32 surf_el[time1 = 61][lat = 4251][lon = 4500];
     MAPS:
        Float64 time1[time1 = 61];
        Float64 lat[lat = 4251];
        Float64 lon[lon = 4500];
    } surf_el;
    Float64 time_offset[time = 36];
    Float64 time1_offset[time1 = 61];
    Float64 time2_offset[time2 = 25];
} GLBy0.08/expt_93.0/data/forecasts/runs/FMRC_RUN_2019-05-16T12:00:00Z;
```
