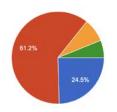
# Metrics Workshop Survey 1 MRW/S2S

15 December 2020

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## MRW Application (98 responses)





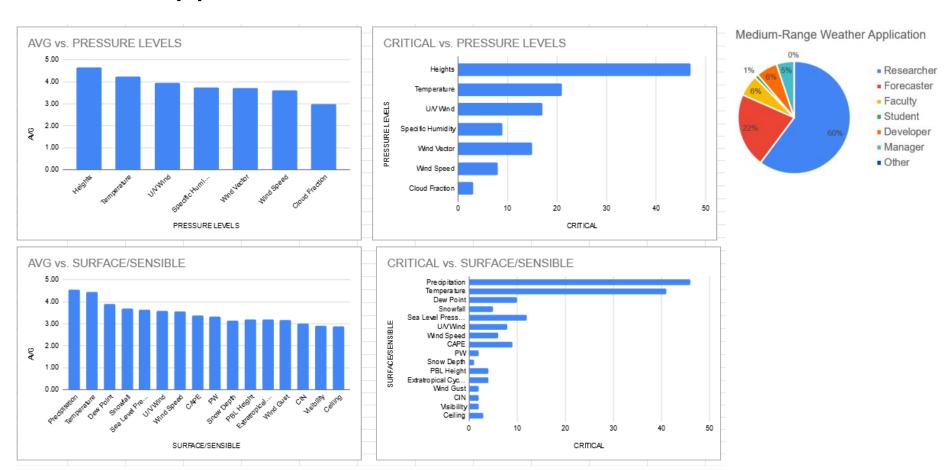
Top 3 fields for each subsection (mean rating; number of criticals)

- Upper-Level Synoptic (64 responses):
  - 1. Geopotential Height Pressure Levels (4.67; 47)
  - 2. Temperature on Pressure Levels (4.24; 21)
  - 3. U/V Wind on Pressure Levels (3.95; 17)
- Surface/Sensible Weather (77 responses):
  - 1. Precipitation (4.62; 45)
  - 2. Temperature (4.47; 41)
  - 3. Dew Point (3.89; 10)
- Land-Sfc (49 responses):
  - 1. Soil Moisture (4.38; 25)
  - 2. Latent Heat Flux (4.12; 16)
  - 3. Sensible Heat Flux (4.10; 15)

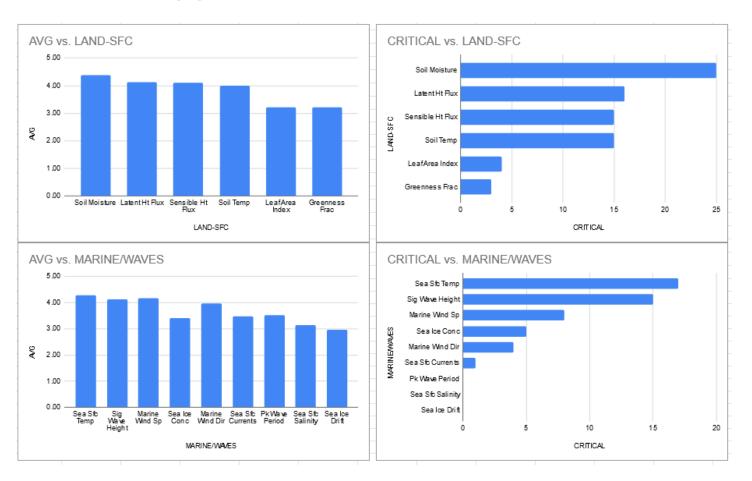
- Marine/Wave (32 responses):
  - 1. Sea-Surface Temperature (4.27; 17)
  - 2. Marine Wind Speed (4.16; 8)
  - 3. Significant Wave Height (4.13; 15)

- Sub-Seasonal (77 responses):
  - 1. MJO Index (4.00; 14)
  - 2. Drought Indices (3.89; 9)
  - 3. ENSO Index (3.78; 11)

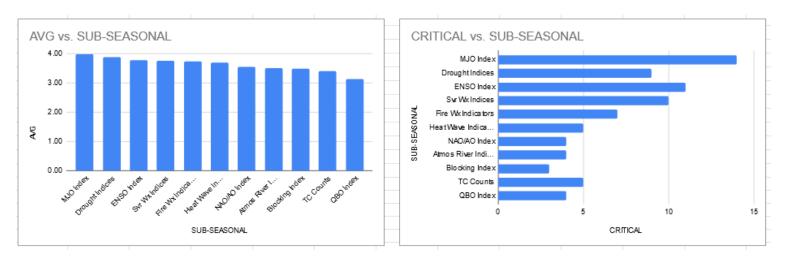
With which of these job descriptions do you most identify?



### MRW Application, cont.



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Sub-Seasonal to Seasonal was included in MRW because that is how it is aligned in the UFS R2O project Upon reflection, we have decided to break out S2S into its own survey for Survey 2

#### MRW Application, cont.

- Additional Fields: (\* denotes more than one mention)
  - Upper Levels: ozone\*, vertical velocity, RH, temperature anomalies, cloud hydrometeors
  - Sensible/Surface Weather: sim. reflectivity\*, cloud top height, ice accum, wind chill, heat index, wind shear, specific humidity, precip type, storm-relative helicity, wind shear, cloud water path
  - Land-Sfc: snow cover\*, downwelling radiation, net radiation, runoff, ground heat flux
  - Marine/Wave: visibility, sea ice thickness, upper ocean heat content, snow depth on ice, wind shear
  - Sub-Seasonal: monsoon indices, PNA index, GWO Index, ocean heat content

#### Key Takeaways

- Some of the additional field suggestions were covered in a different subsection
- For upper level and surface, the top two choices stood far above the other options; third place was quite as clear-cut; multiple wind options may have "split votes"
- For marine/wave, a top three was very clear
- For land-sfc, there was a clear top two with a second tier of two additional parameters
- The sub-seasonal section was a complete free-for-all. One parameter stood out at the top, but very little separated the parameters behind that one