Line 31: Remove comma after "depressions"

Line 39: "Assessed independent [of one another]" sounds odd to me; consider replacing with "independently" or "assessed as independent"

Line 47: Consider not repeating "TE" at the beginning of each bullet points by reformulating them in imperative form: "Encapsulate Kernels in ...", "Abstract many of the ...", Directly address the need ..." etc.

Lines 51-52: Move "compliant" after acronym definition: "Climate and Forecast (CF) compliant"

Line 54: Consider putting "where appropriate" in parentheses

Line 64: Consider reformulating "In section 3, we present" to "Section 3 present", equivalently to the previous sentence

Line 65: Remove "together" after "combined"

Line 73: Consider italicizing the executable names at the beginning of Sections 2.1-2.6 and throughout the paper, as you did in the list items in Section 2.7

Line 74: Remove "first" before "selected"

Line 75: Add "processing" or something similar before "chain"; remove "together" after "features"

Lines 83-85: Replace commas before "(2)" and "or (3)" by semicolons

Table 1: Capitalize "python" in description of "radial_profile"

Line 116: Add quotes around "2D space + 1D time" and add "3D" before "[single] object"

Lines 125-126: Replace "feature [1 and 2]" by "features" (2x)

Line 151: Consider removing "Selected" from title to avoid duplication with next sentence

Line 208: Replace "applied" with, e.g., "performed" or "carried out"

Line 222: Remove "are" before "points"

Line 223: Hyphenize "upper level"

Line 239: Hyphenize "closed contour [criteria]" (2x)

Line 242: Remove parentheses around "Pa"

Line 243: Remove hyphens from "great-circle-distance"

Line 250: Use acronym for "great circle distance"

Line 251: Move "argument" before "outputcmd"

Line 256: Remove "together"

Line 268: Add comma after "Nonetheless"

Line 274: Add "a" before "TC"

Line 286: Replace "ERA5 tracked storms" with "storms tracked in ERA5" (or "tracked storms in ERA5")

Line 302: Remove "r8" after "radius" as it is only defined in the following section

Line 305: Replace "outer size" by, e.g., "outer boundary", or simply by "size"

Line 306: Replace "[runs] from" with "with"

Line 307: Consider replacing "This [paper]" by "That" as "this" may refer to the paper one is currently reading

Figure 2: Replace "Category is" by "Categories are" (or "The categories are") in caption

Line 326: Replace "output" with "written"

Line 327: Add "the" before "bin width"

Lines 328-329: Consider simplifying "was chosen to adequately sample" to "adequately samples" and "was chosen to ensure" to "ensures"

Line 331: Add "the" before "storm" or remove "the" before "outer radius"

Line 332: Replace "in [grid points]" by "at"

Line 342: Add space between time and "UTC" (here and everywhere else)

Line 349: Remove quotes around "by distance"

Line 351: Replace "through the employ" by "by employing" or "through the application"

Line 353: Replace "percent [contribution]" by "relative" or "percentage"

Line 361: Acronym "ETC" has already been defined

Line 371: Consider removing "other" before "features" so as not to imply that topographic lows are non-meteorological phenomena

Lines 376-377: Consider reformulating "geopotential (vorticity) minima (maxima)", which I find a bit confusing; e.g., to "geopotential minima or vorticity maxima"

Line 379: Consider replacing "one is not [applied]" by "none is"

Line 381: Hyphenize "higher resolution"

Line 397: Replace "Further" with "Furthermore"

Line 402: Use previously defined acronym for "sea level pressure"

Line 418: Consistently (non-) capitalize "step 1" etc. throughout the paper/section (I'd suggest lowercase)

Line 437: Consider adding "grid points" after "80x80"

Line 460: Remove "line" after "command"

Line 465: Remove "in this command simply"

Line 466: Consider removing "meat of the" in order to simplify the sentence and make it less colloquial

Line 483: Add comma after "in_data_list" or remove that before "specified"

Line 484: Replace "filelist" with "file" (or at least add a space)

Line 487: Remove one of the two "on this date"

Line 494: Add "in" before "ERA5_VPIN.txt" and "ERA5_AR_NFF_files.txt"

Line 506: Remove hyphen in "record-averaging" and, if possible, use "averaging" (or "averager") for both "ncra" and "ncwa"

Line 526: Replace "features; it" with "features. It" (new sentence)

Line 554: Remove "lines" after "command"

Line 564: Remove "line" after "command"

Lines 596-598: These criteria have already been specified above the command

Line 606: Remove "generated"

Line 609: Specify date with "UTC" (not "Z") as in the rest of the paper

Line 618: Replace "across" with "in"

Line 620: Add, e.g., "(point)" after "nodal" (as in the beginning of the paper); replace "Although [version 1]" with "While"

Line 623: Remove "continued" and consider adding "to parallelize file system operations" or something similar to the end of the sentence (to highlight what it parallelized)

Line 630: Replace "calculated" by "calculating" or "computing"

Line 631: Replace "available from" with "provided by" or "based on" (whichever you mean)

Line 632: Replace "i.e." by "e.g."

Line 641: Replace "sub-grid-scale" with "subgrid-scale"