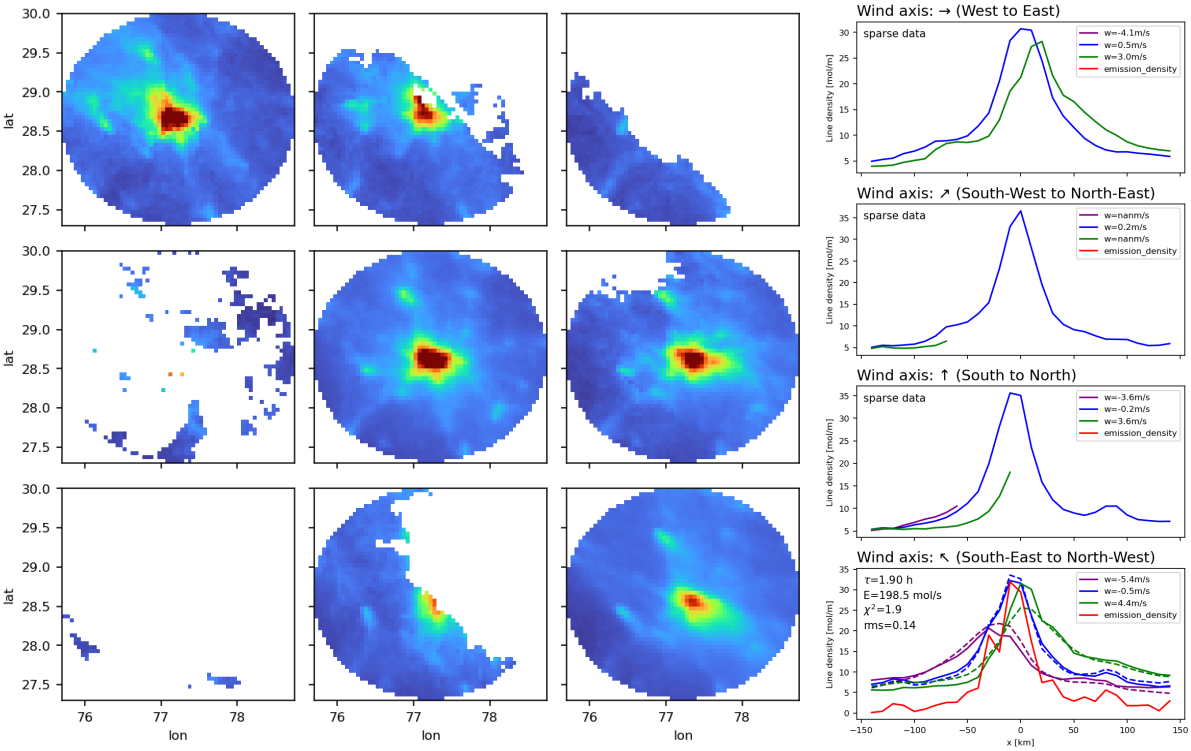
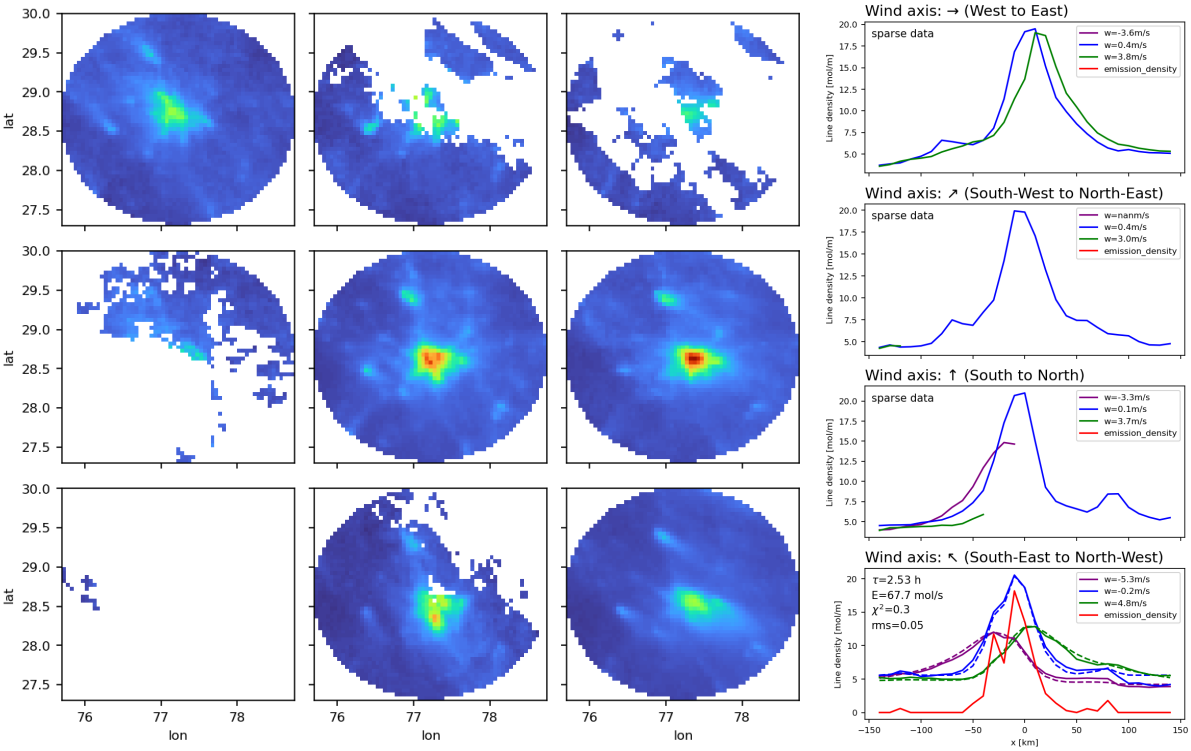
This Supplement provides (a) seasonal maps of NOx for different wind directions, and (b) the respective line densities and fit results, for the 100 cities listed in table 1 where lifetime/emission estimates were possible.

1 Delhi

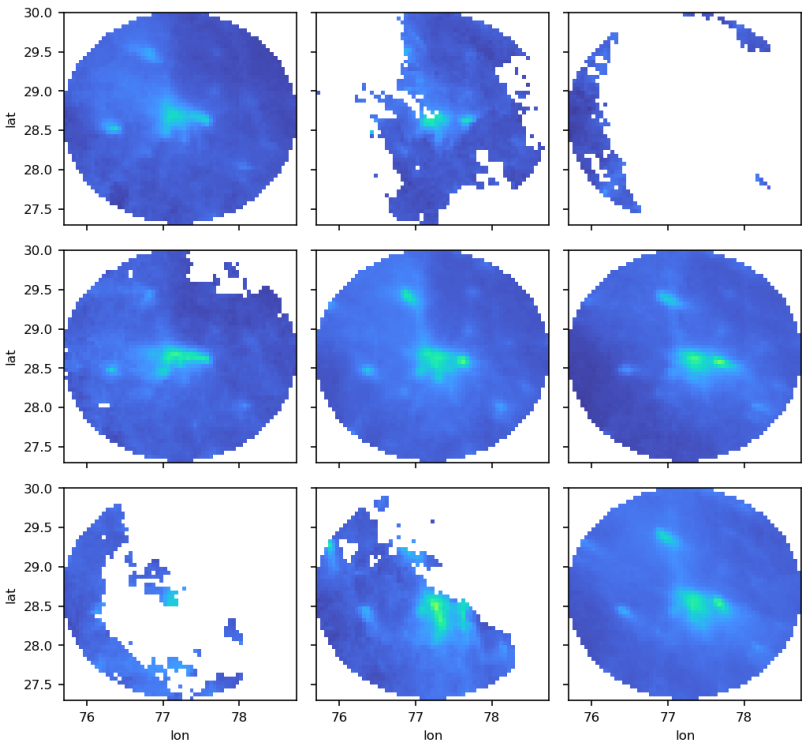
1.1 Winter

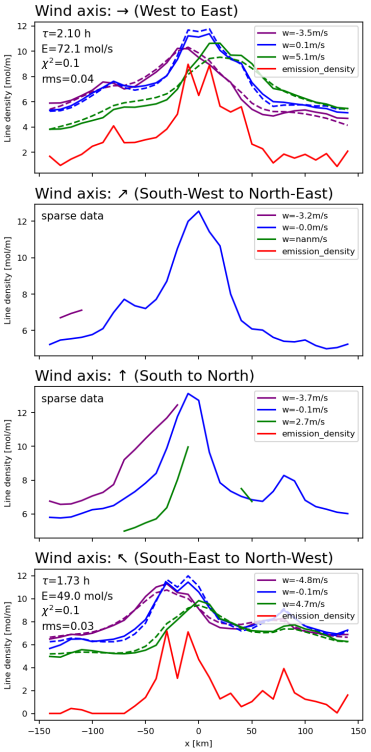


1.2 Spring

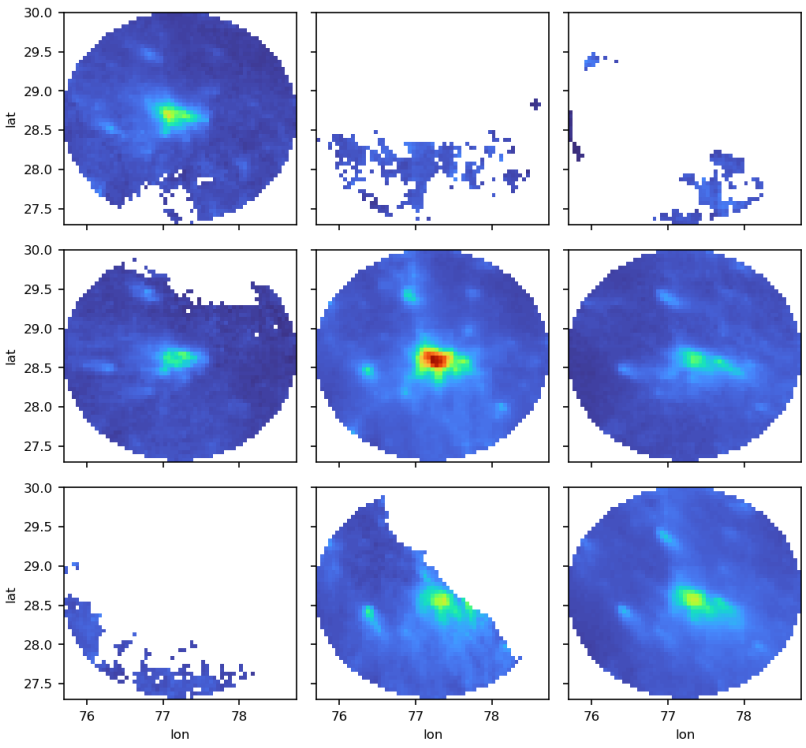


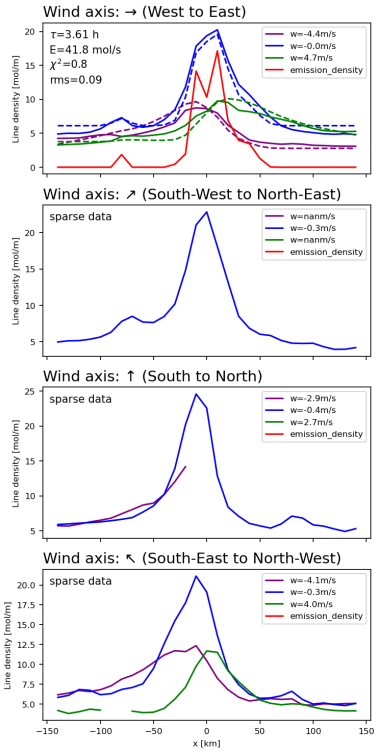
1.3 Summer





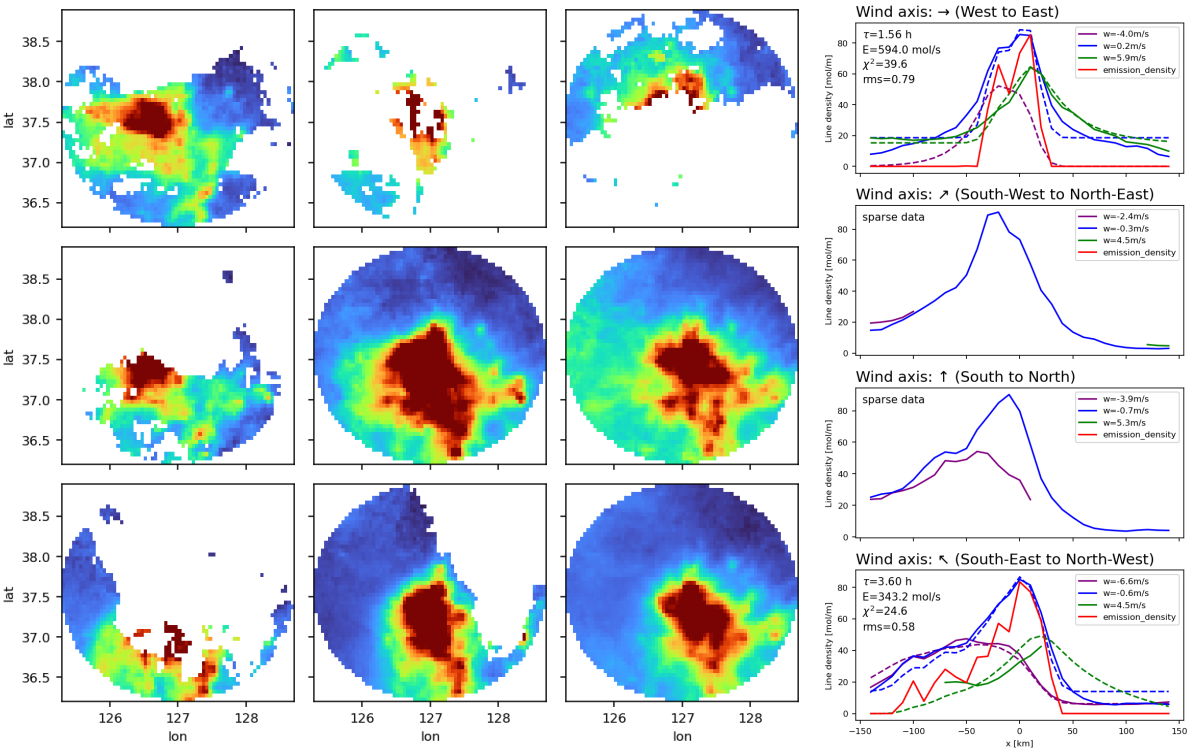
1.4 Autumn



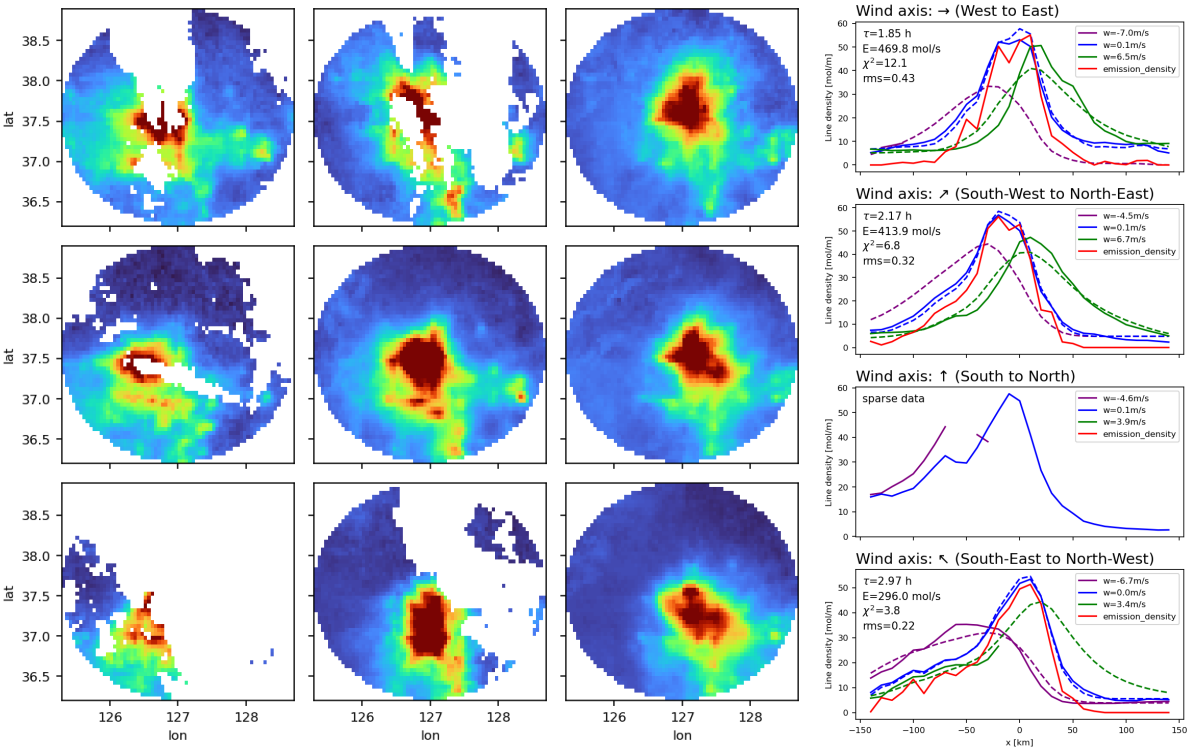


2 Seoul

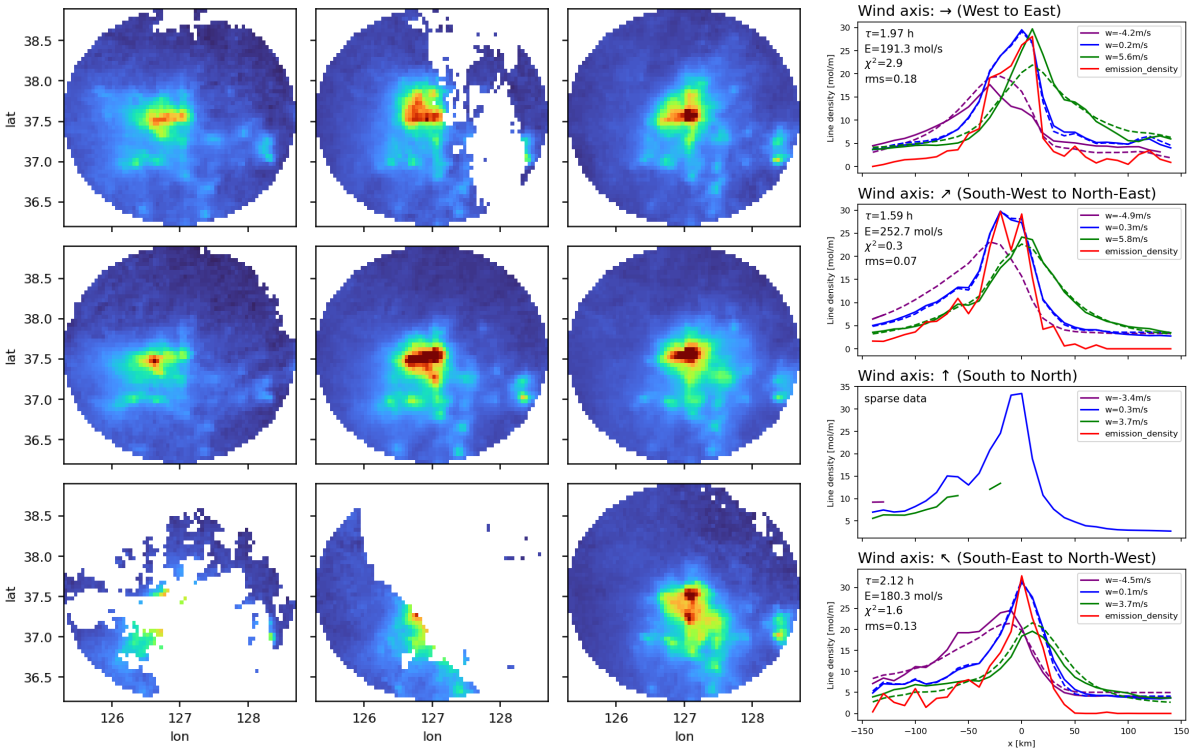
2.1 Winter



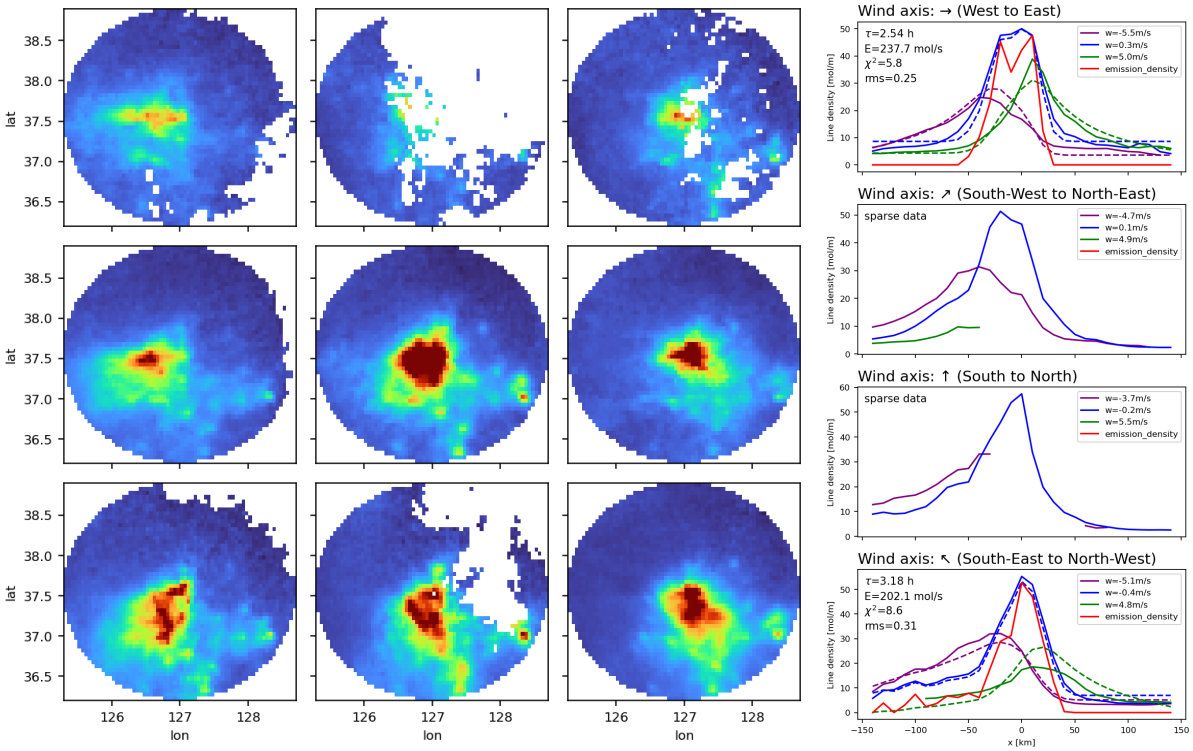
2.2 Spring



2.3 Summer

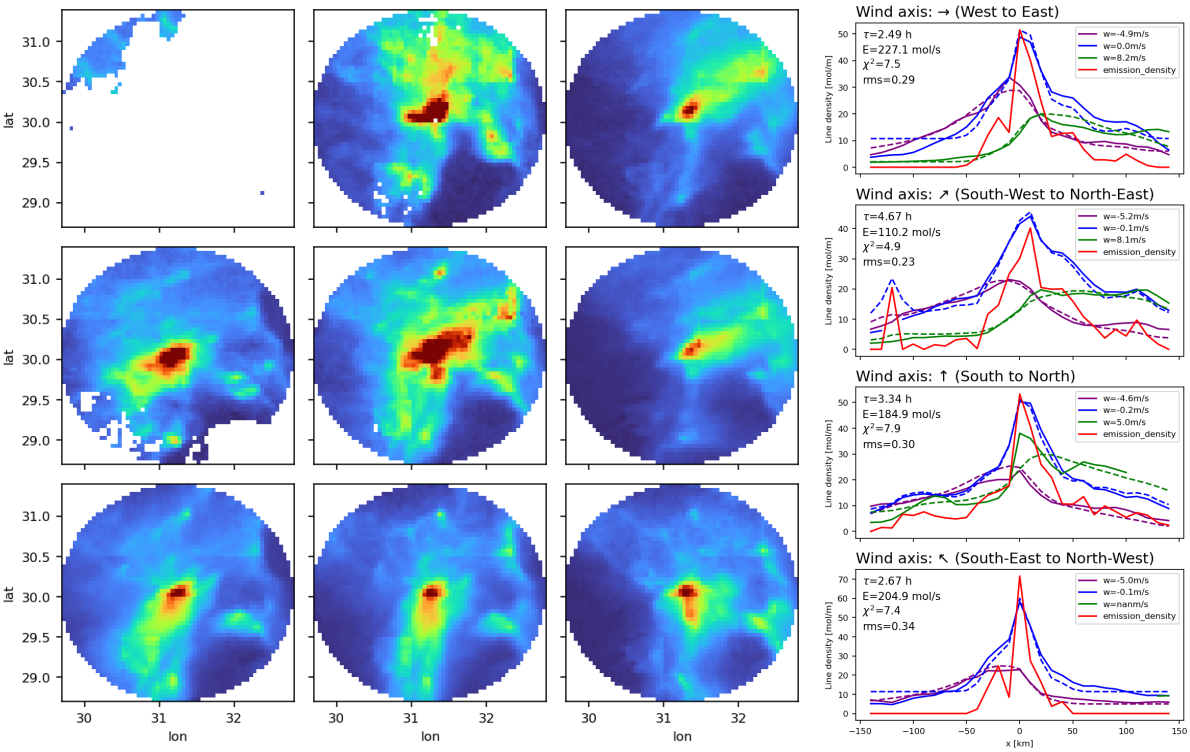


2.4 Autumn

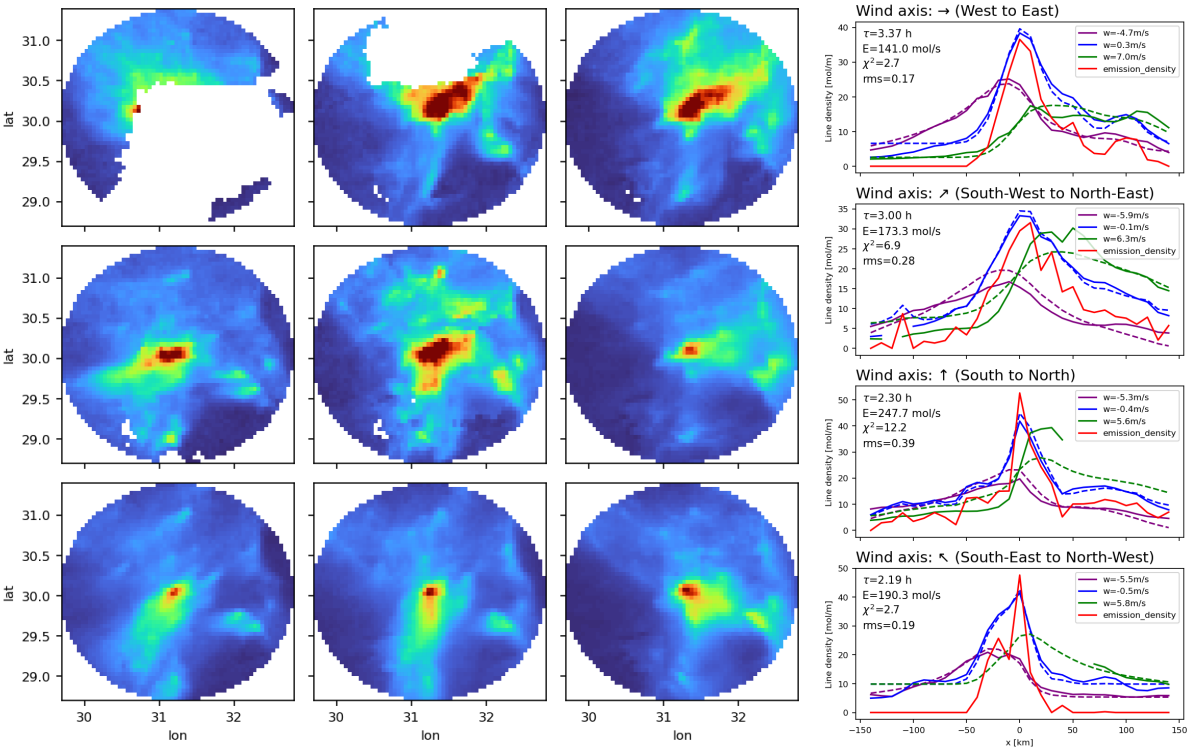


3 Cairo

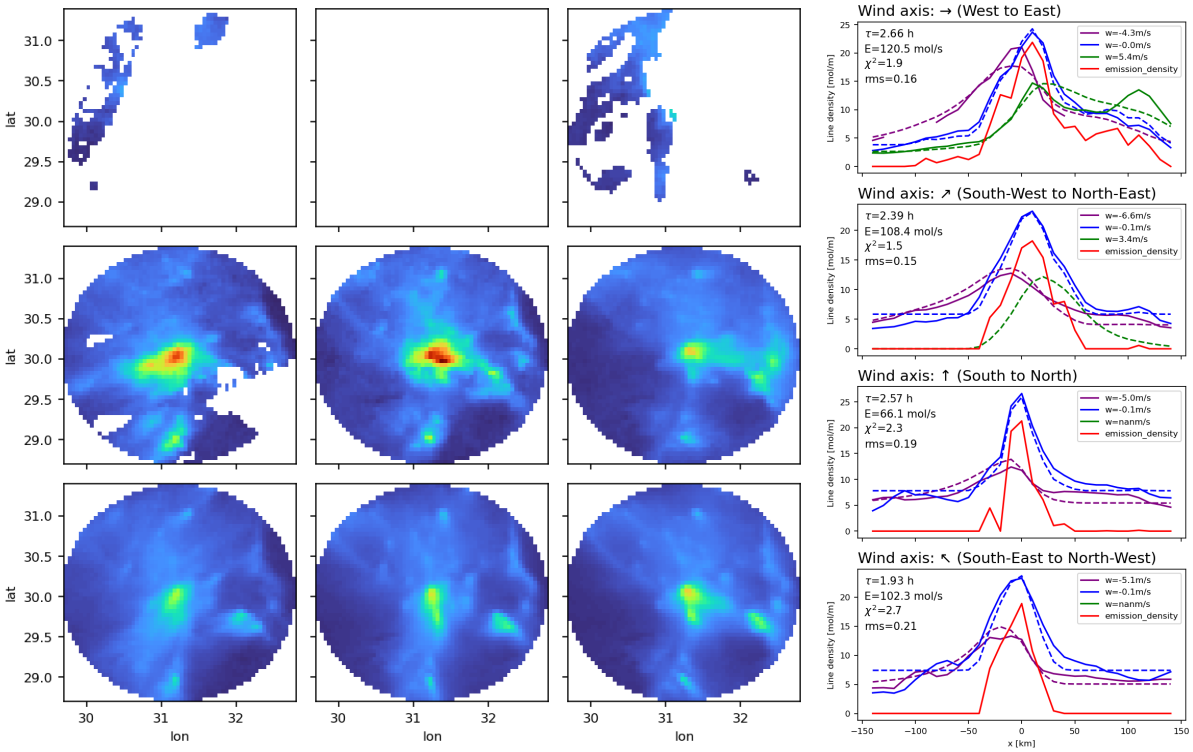
3.1 Winter



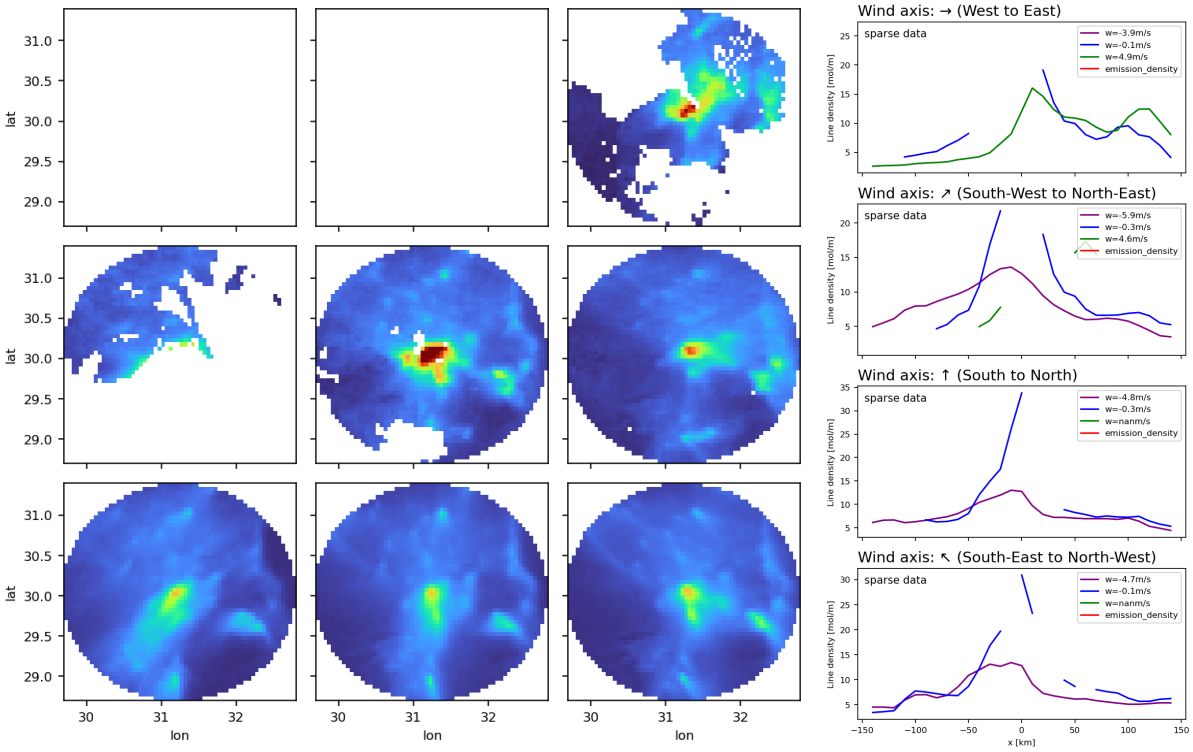
3.2 Spring



3.3 Summer

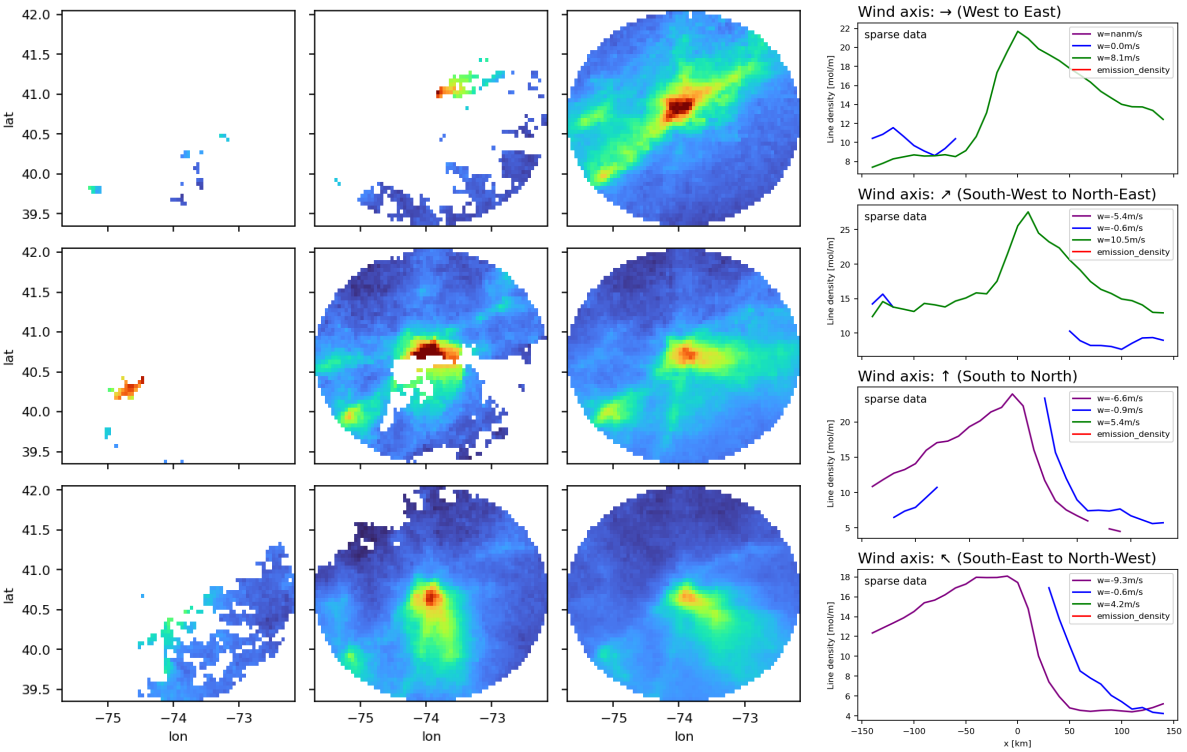


3.4 Autumn

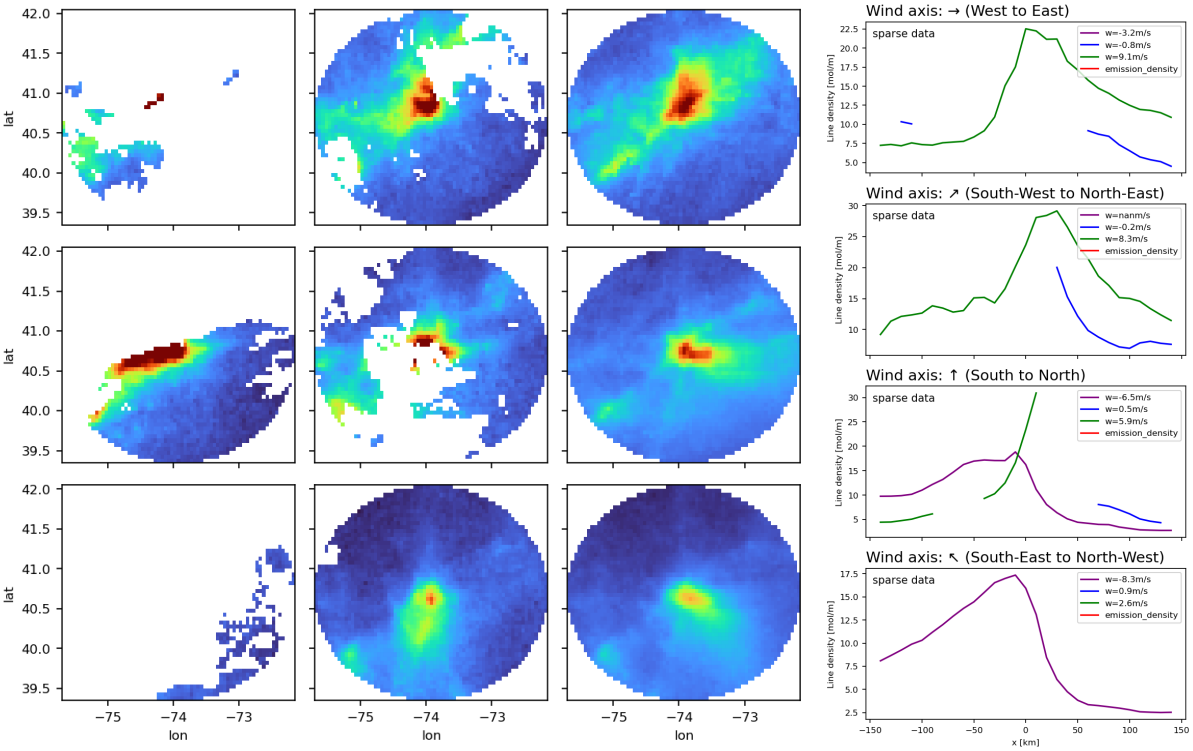


4 New York

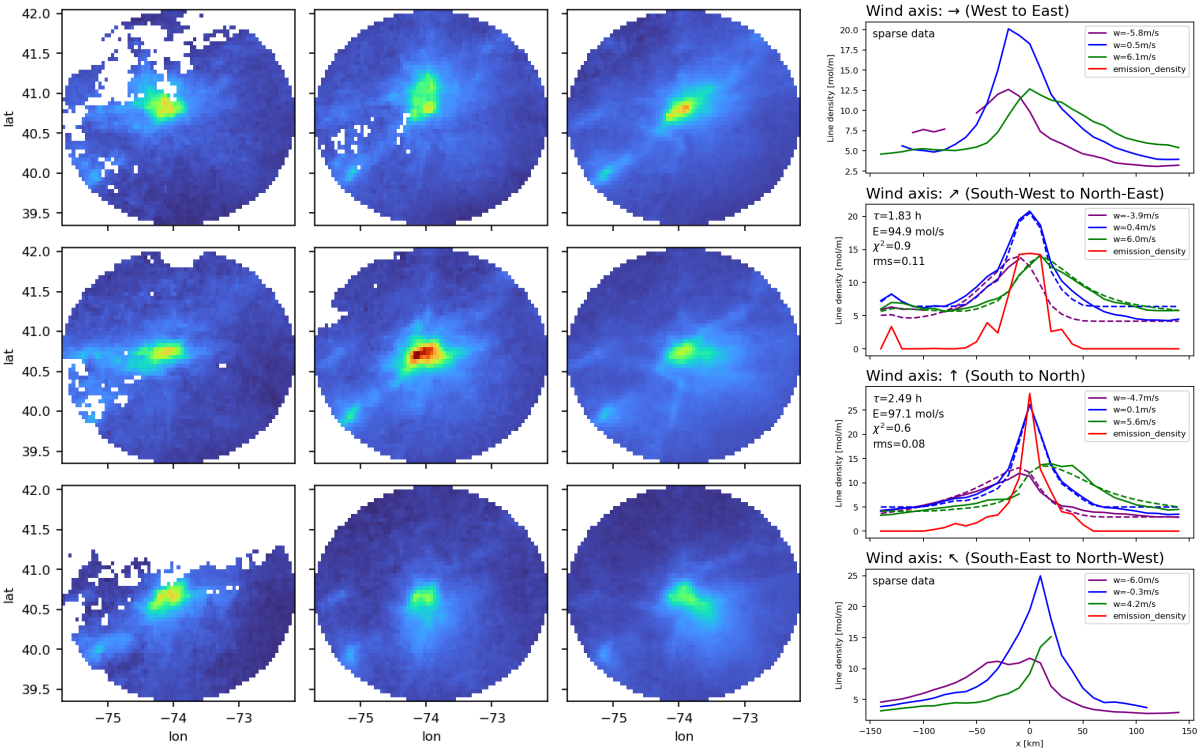
4.1 Winter



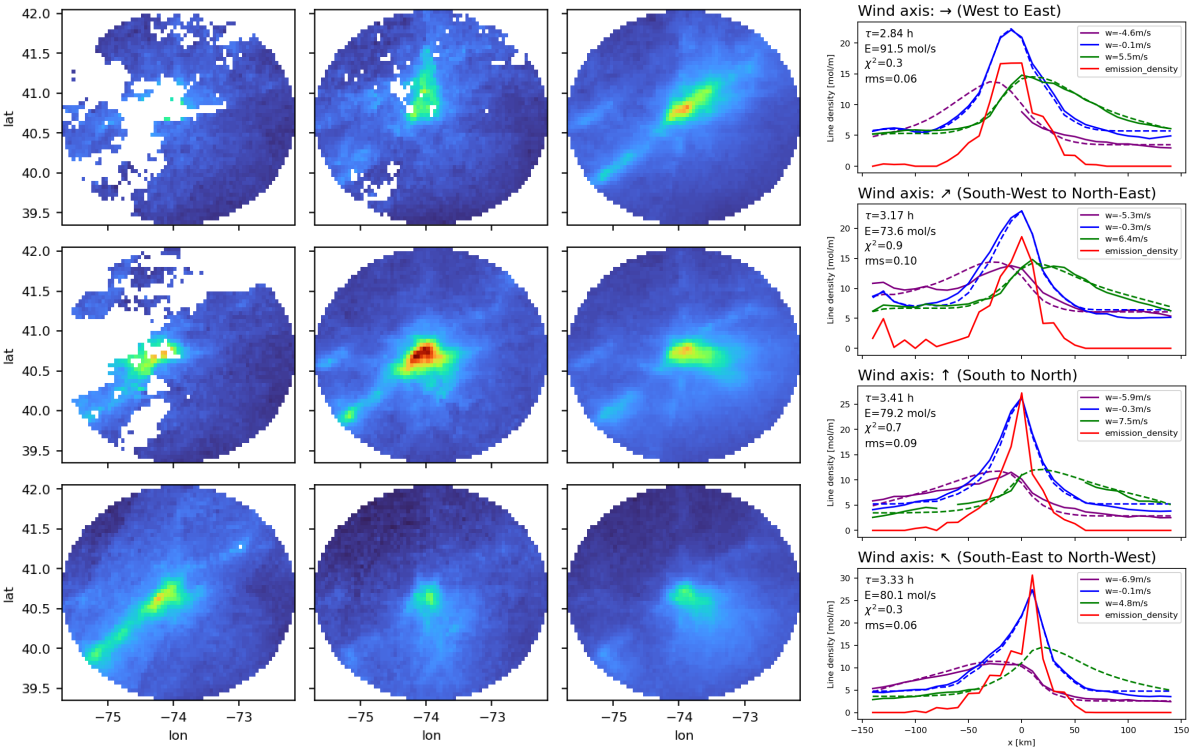
4.2 Spring



4.3 Summer

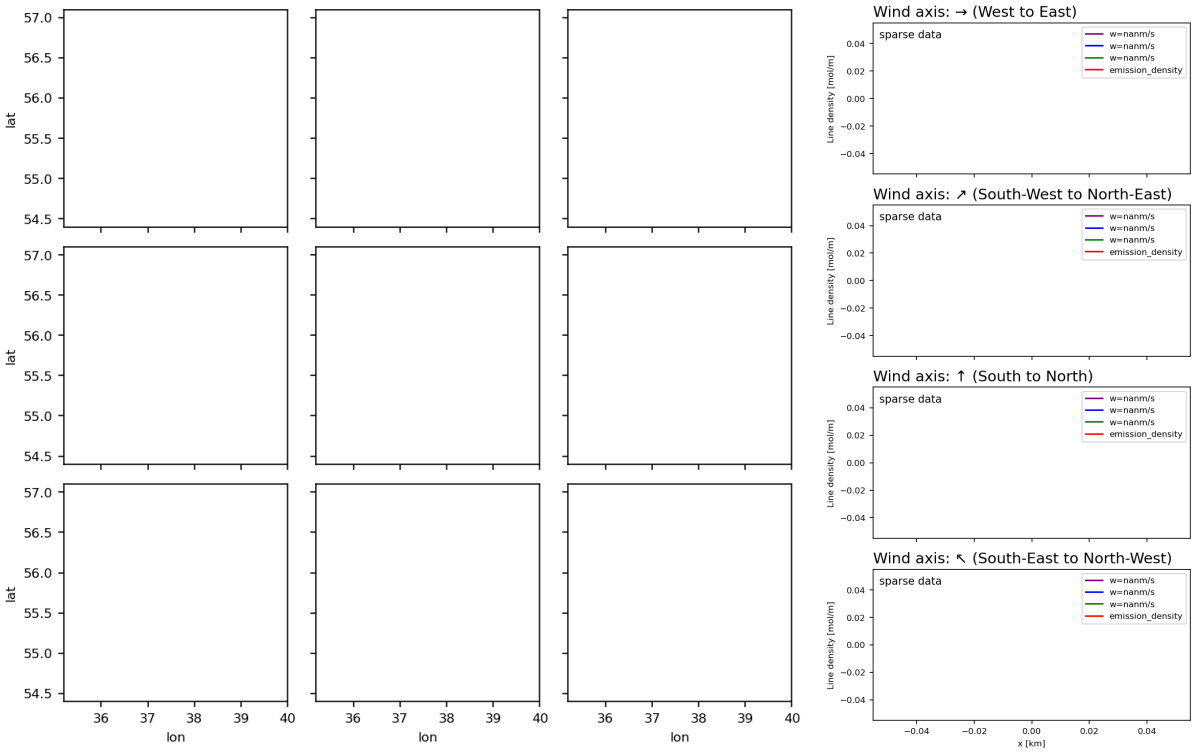


4.4 Autumn

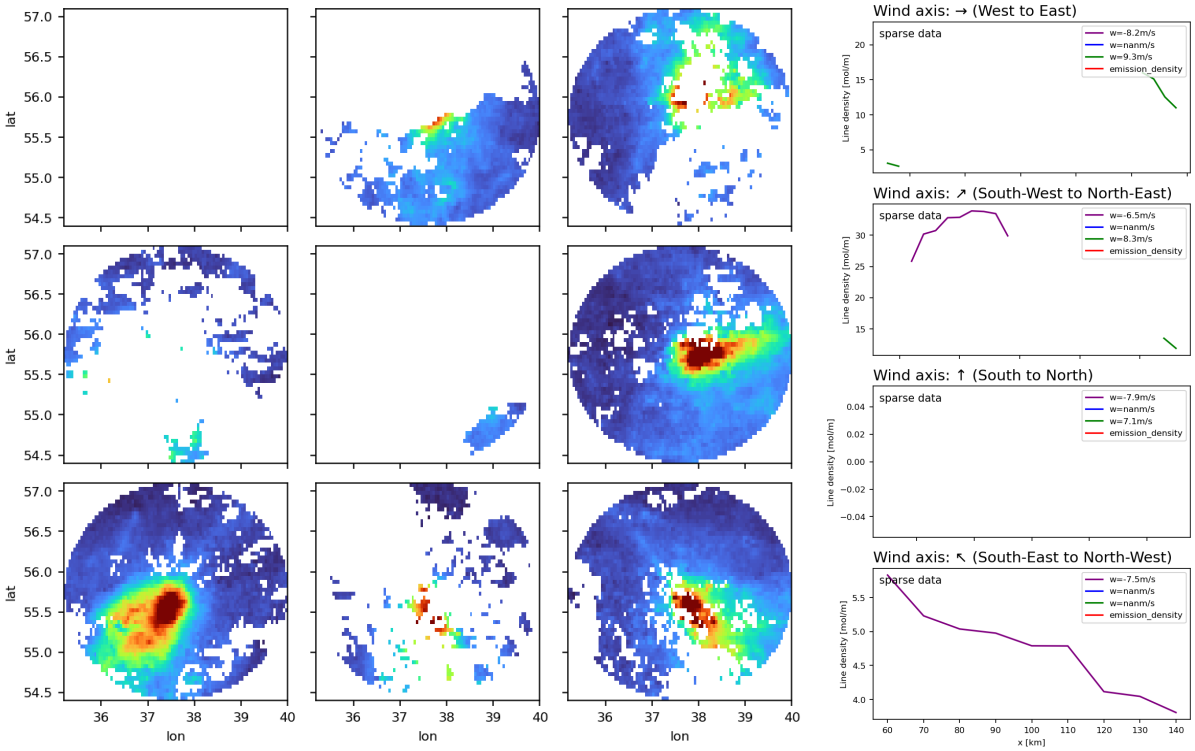


5 Moscow

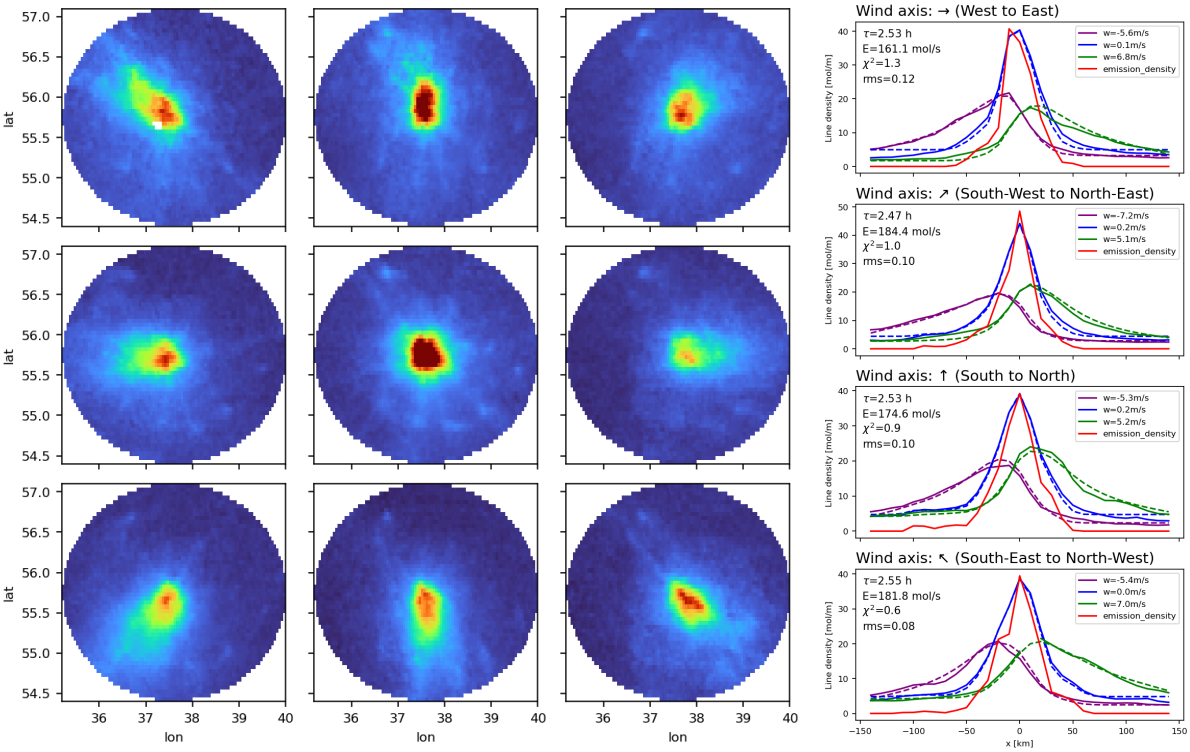
5.1 Winter



5.2 Spring



5.3 Summer



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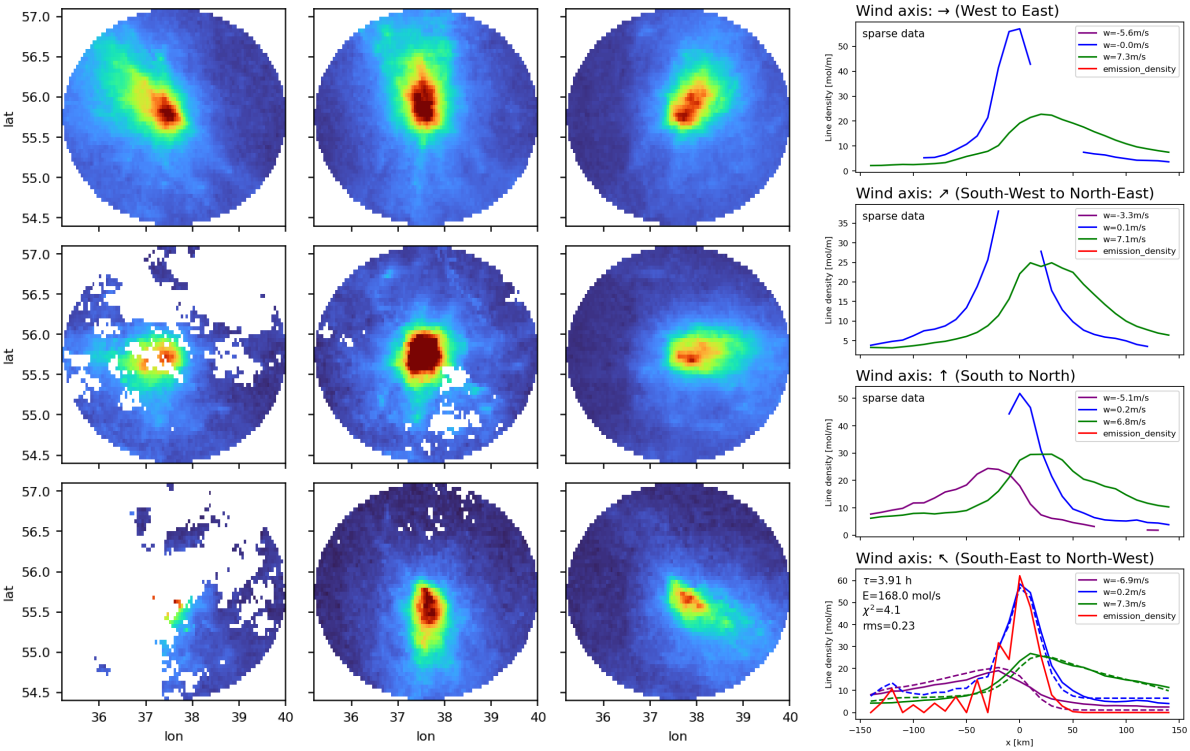
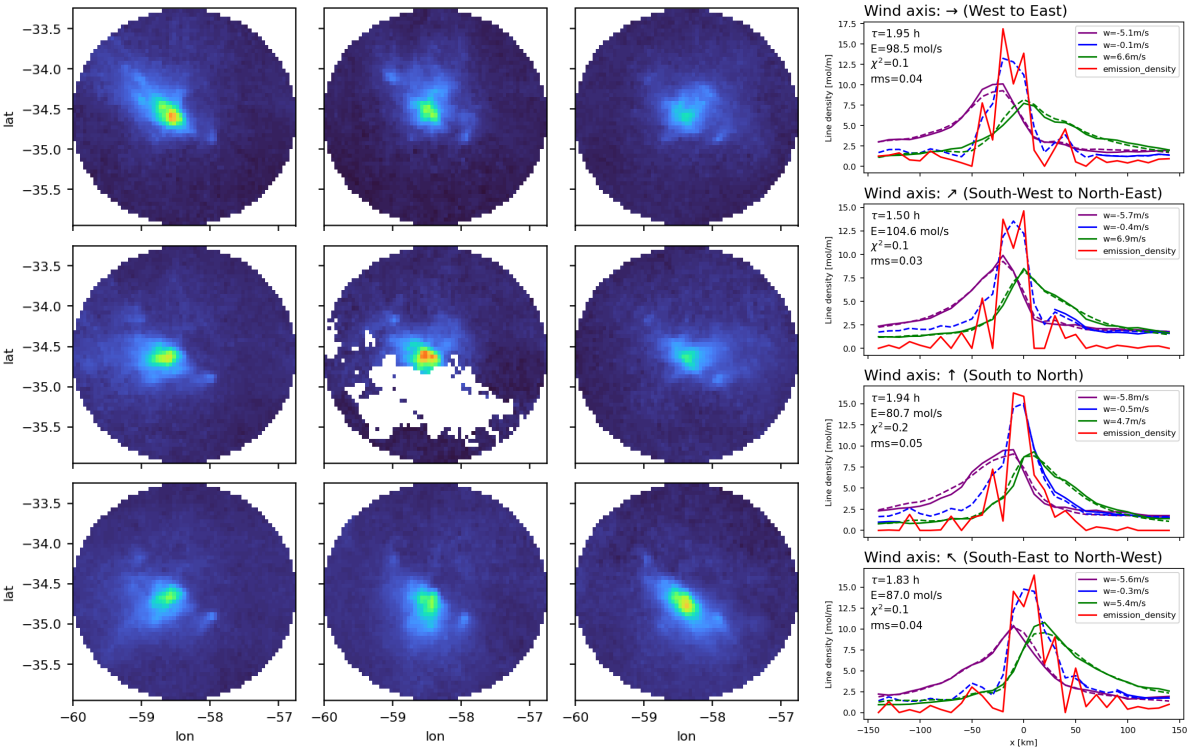
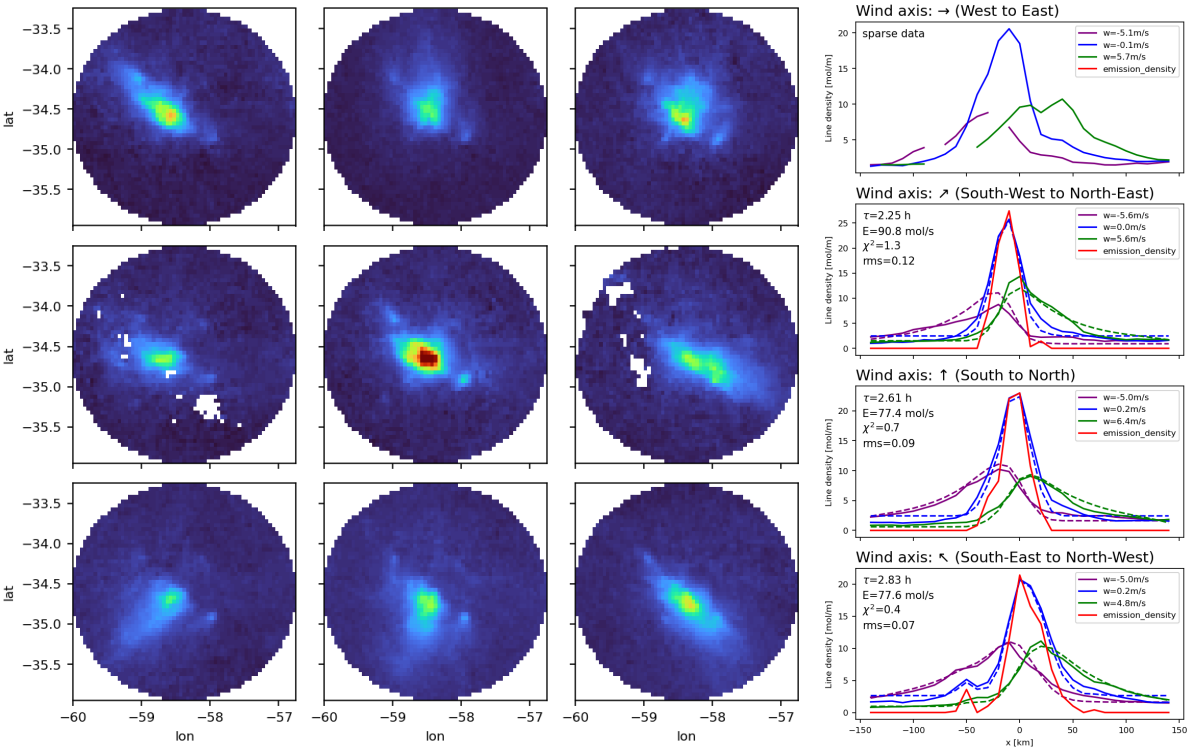


6 Buenos Aires

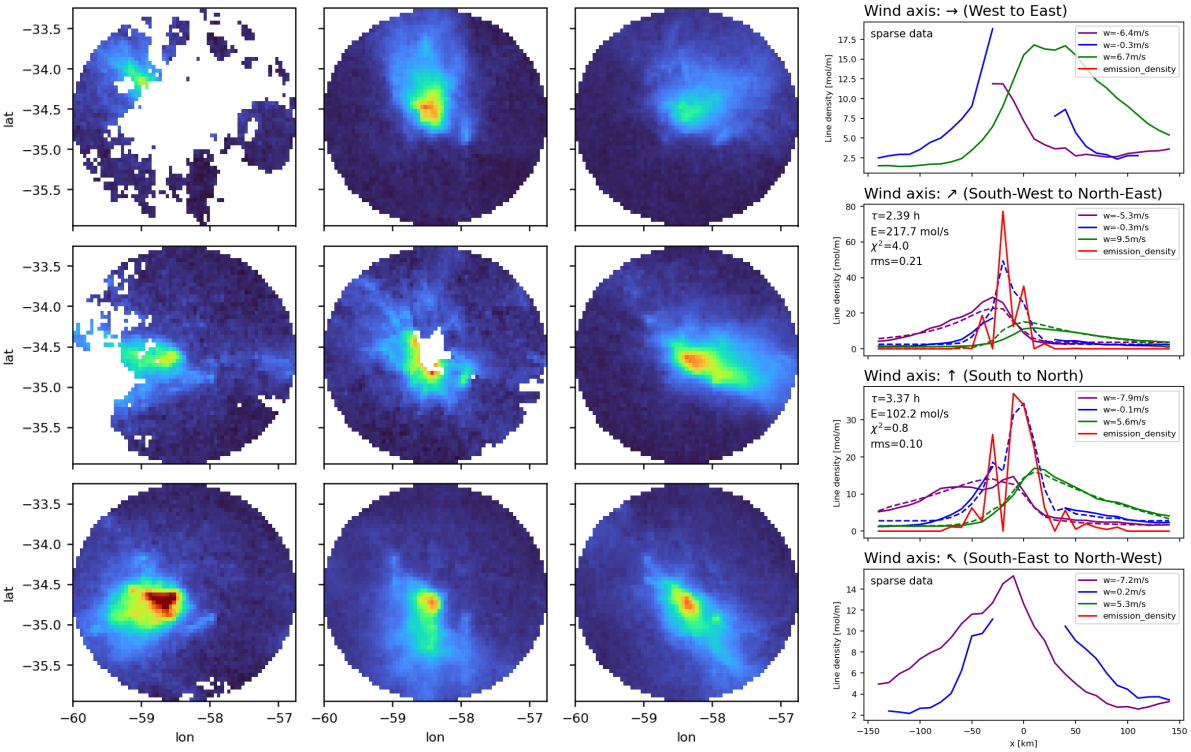
6.1 Winter



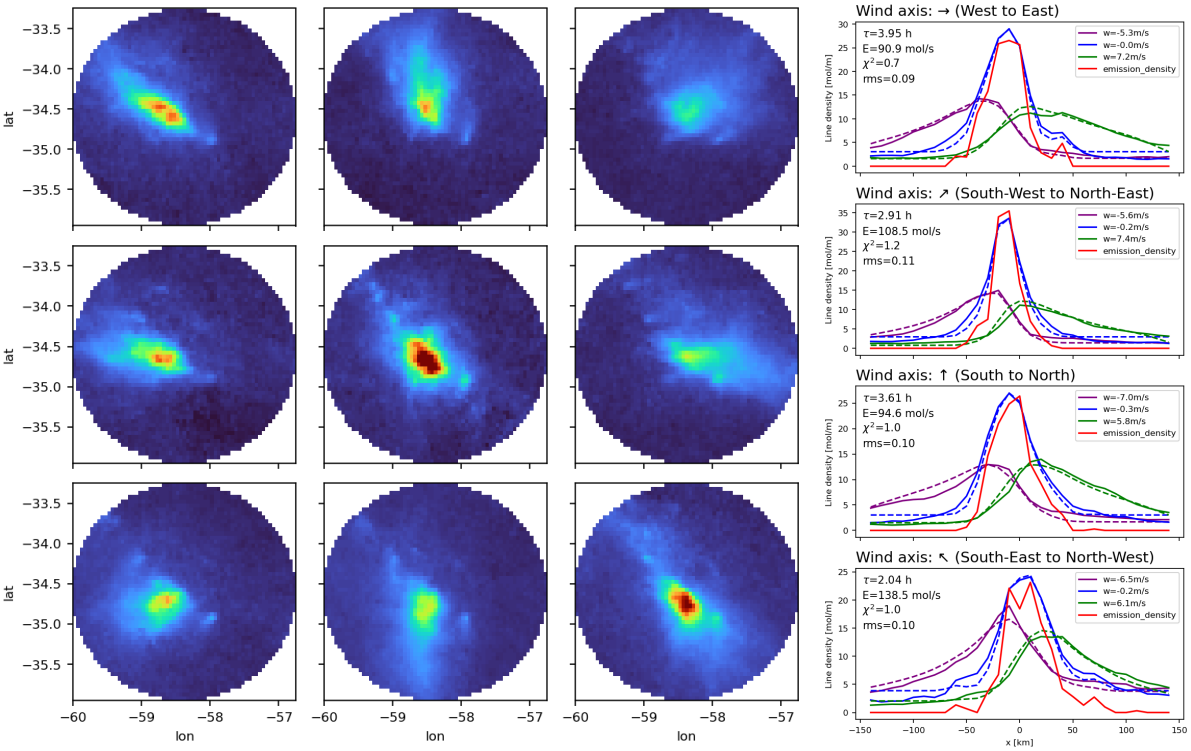
6.2 Spring



6.3 Summer

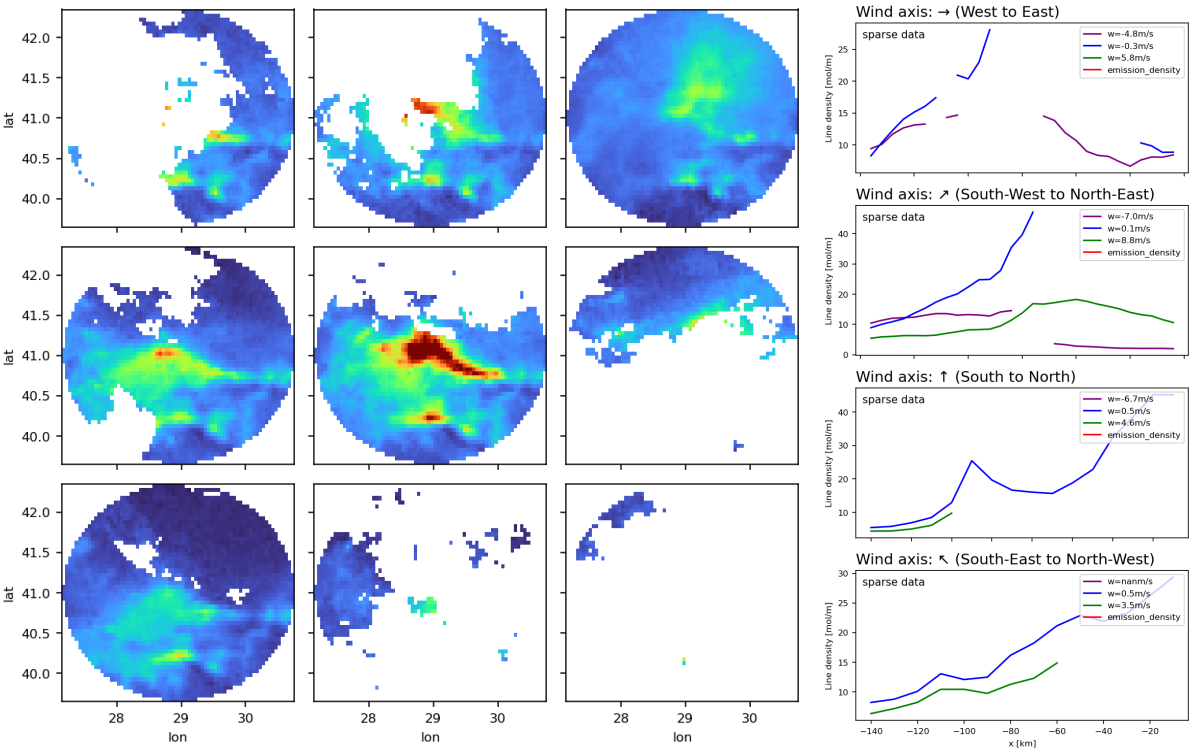


6.4 Autumn

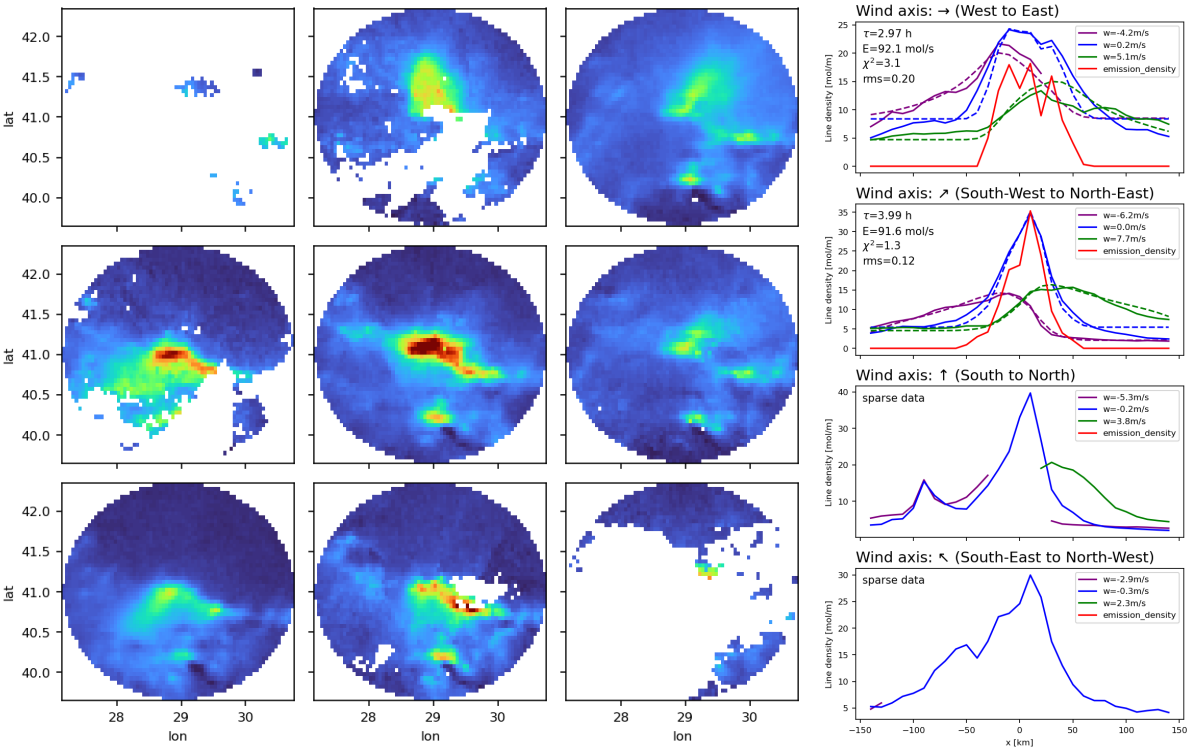


7 Istanbul

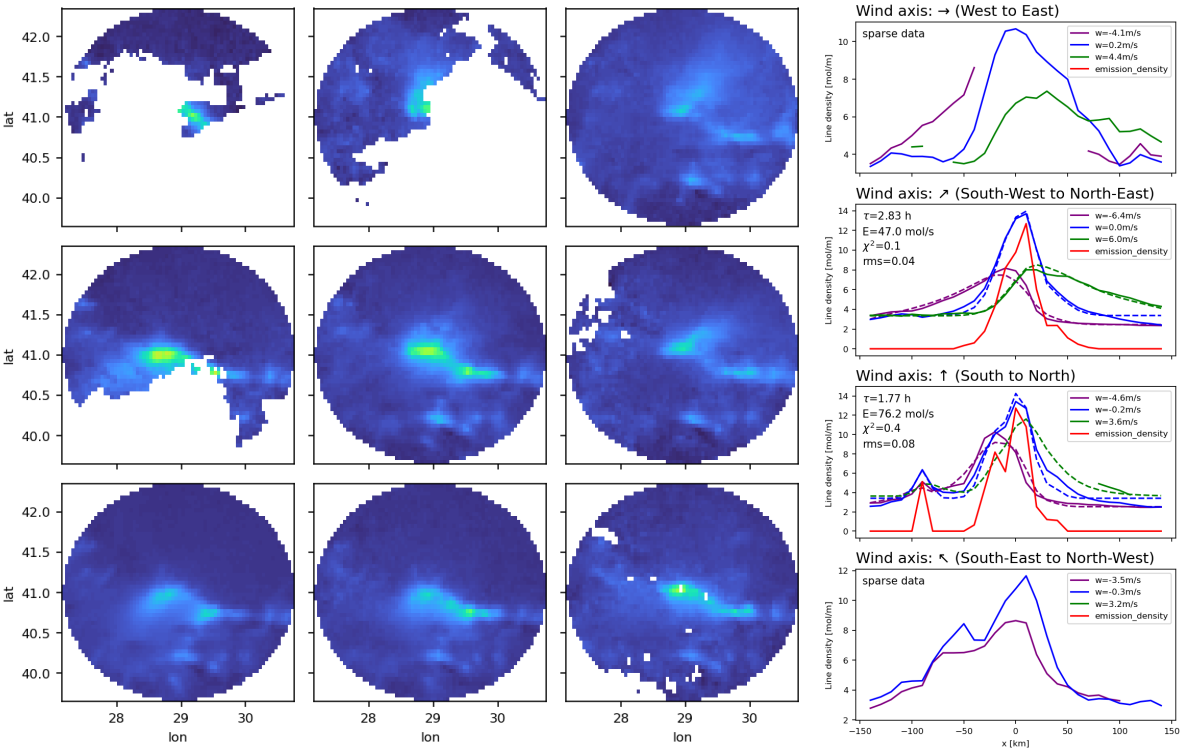
7.1 Winter



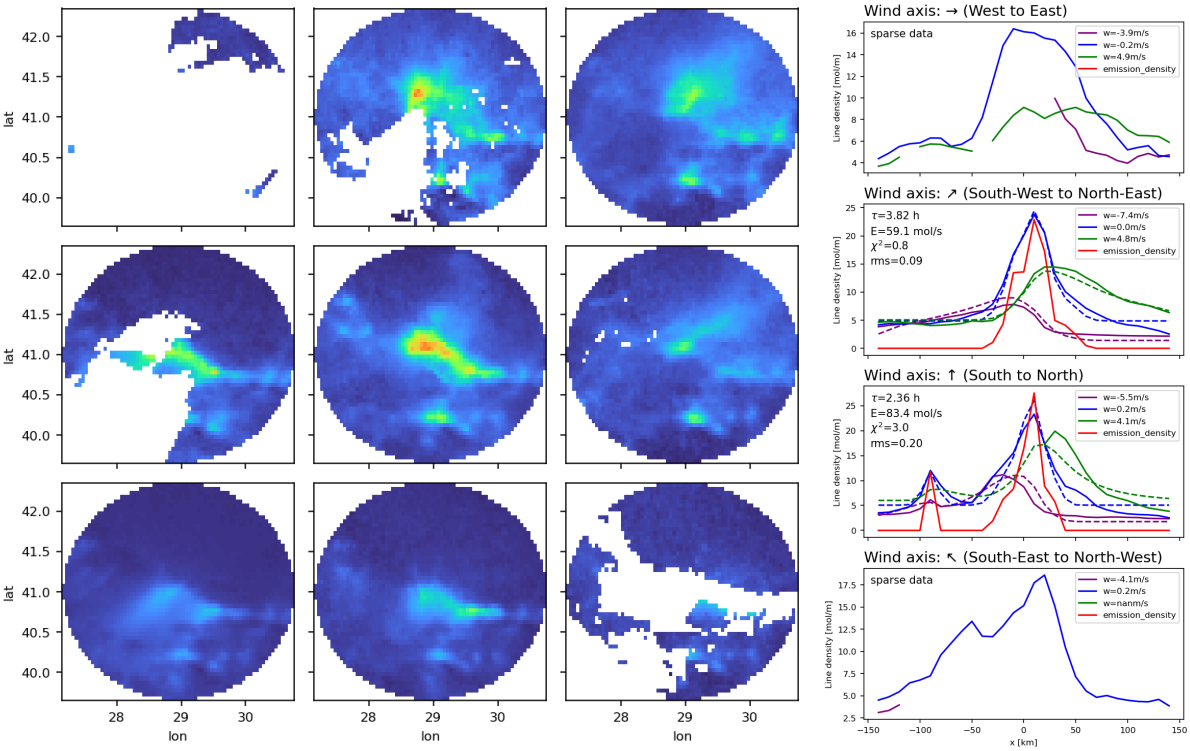
7.2 Spring



7.3 Summer

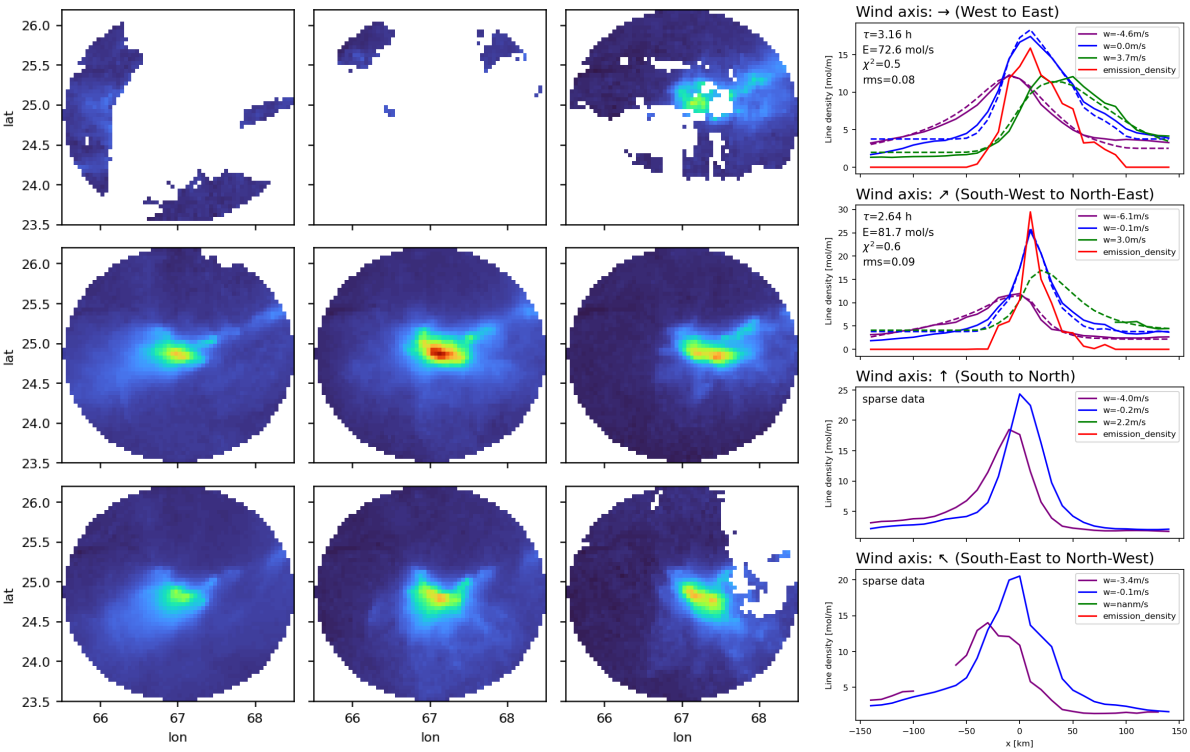


7.4 Autumn

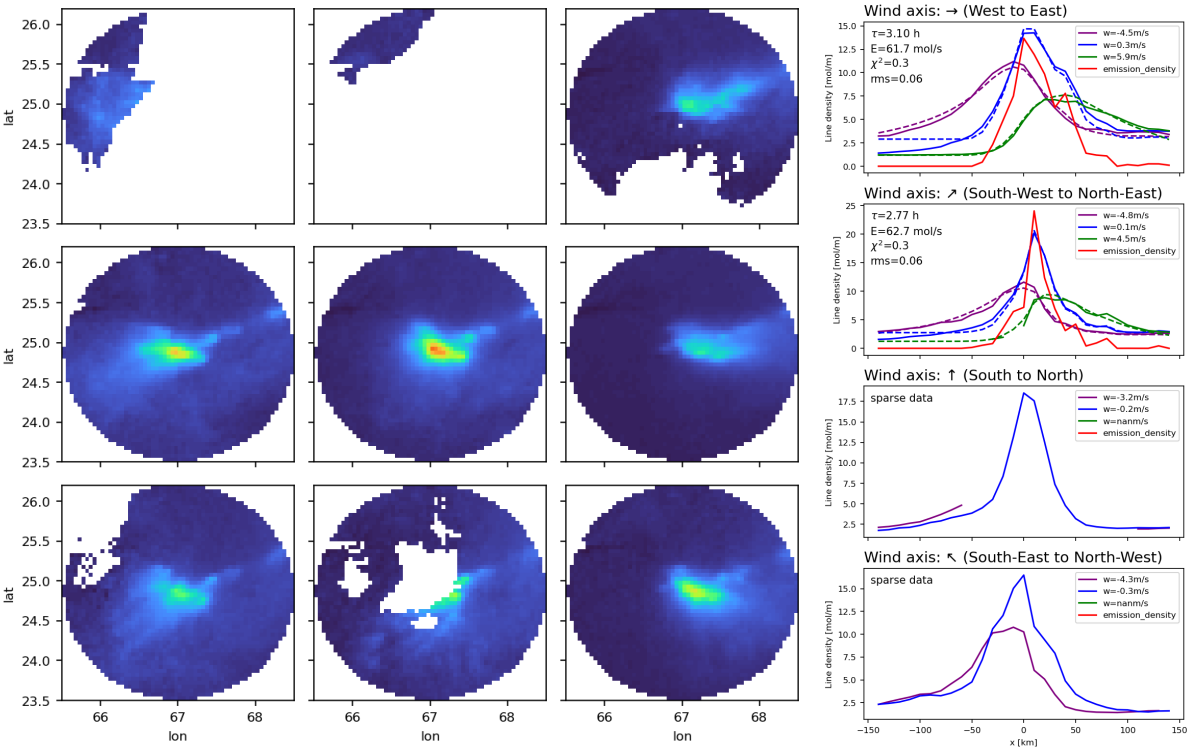


8 Karachi

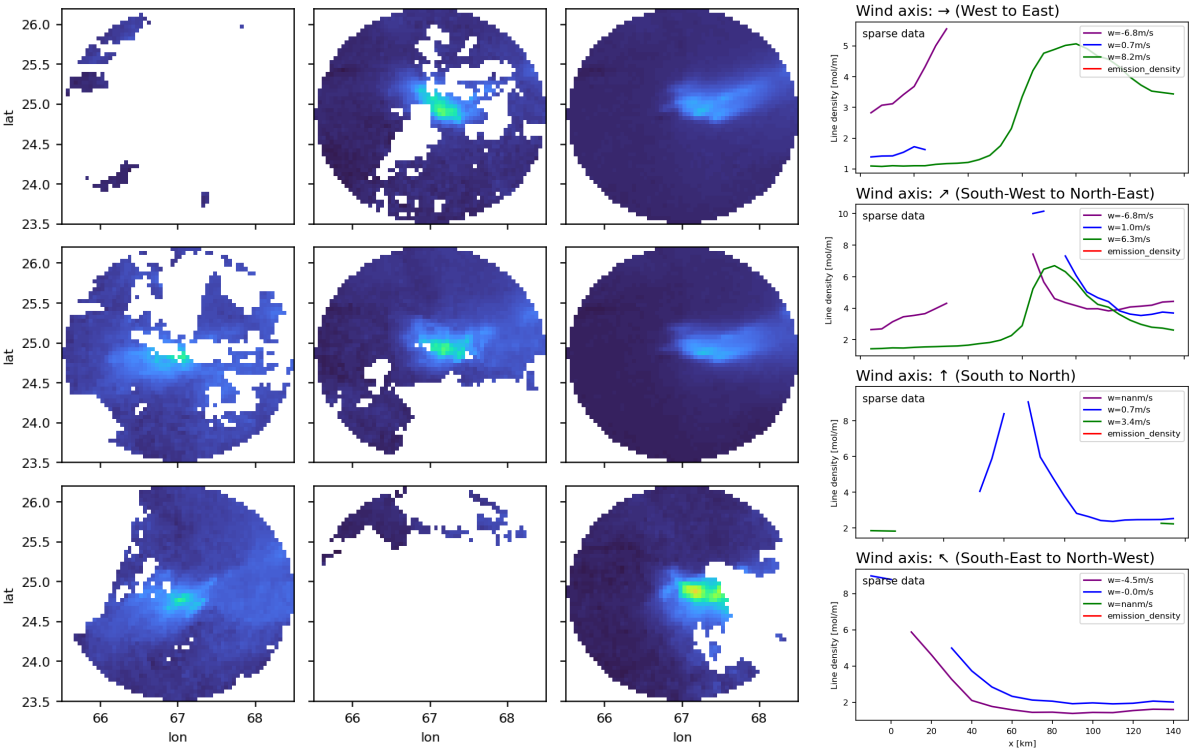
8.1 Winter



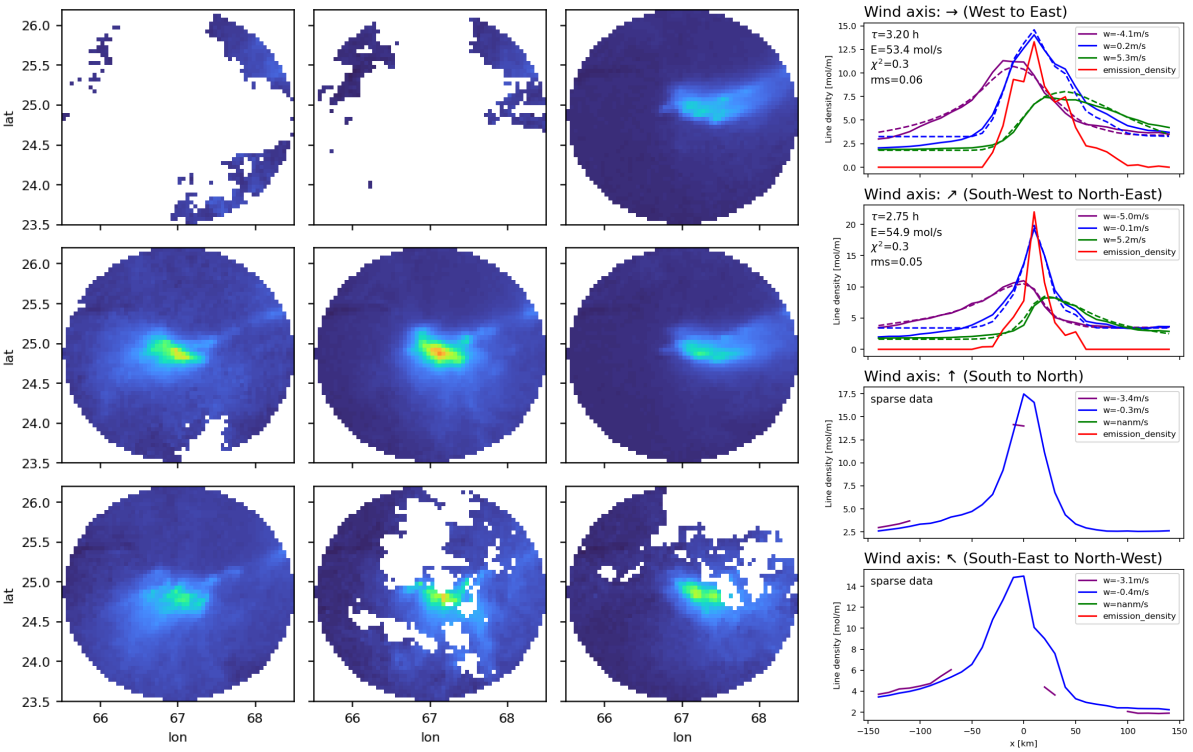
8.2 Spring



8.3 Summer

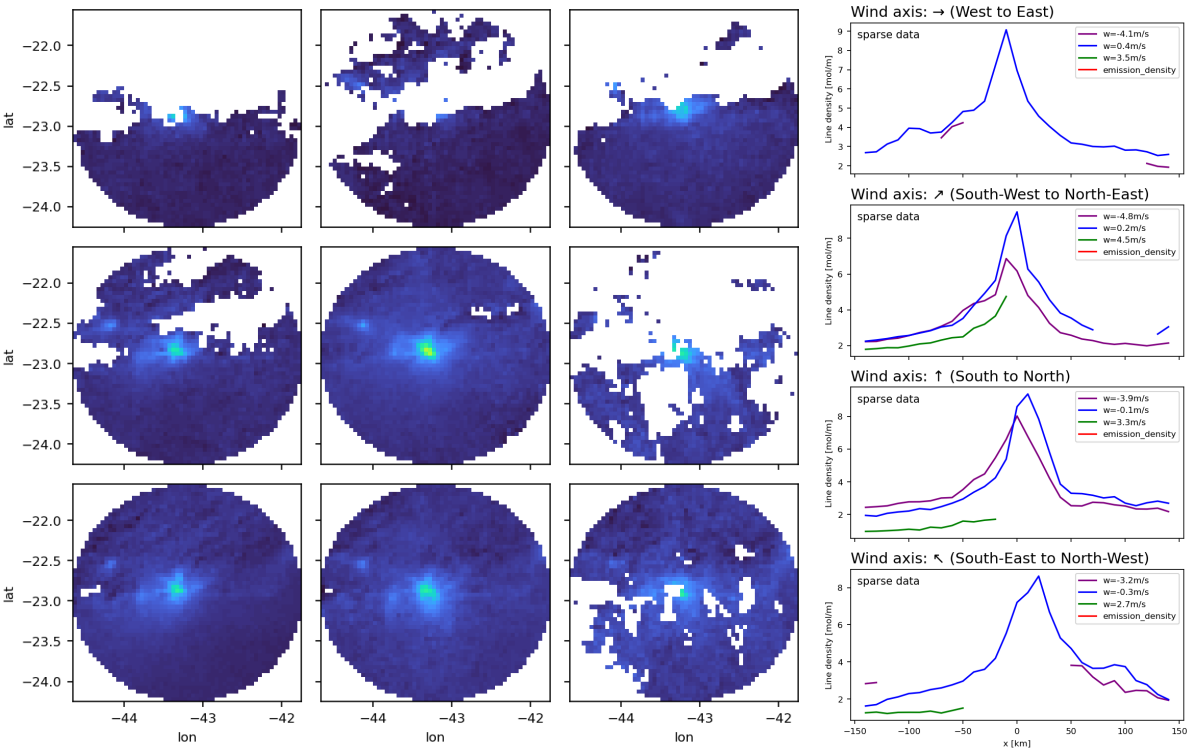


8.4 Autumn

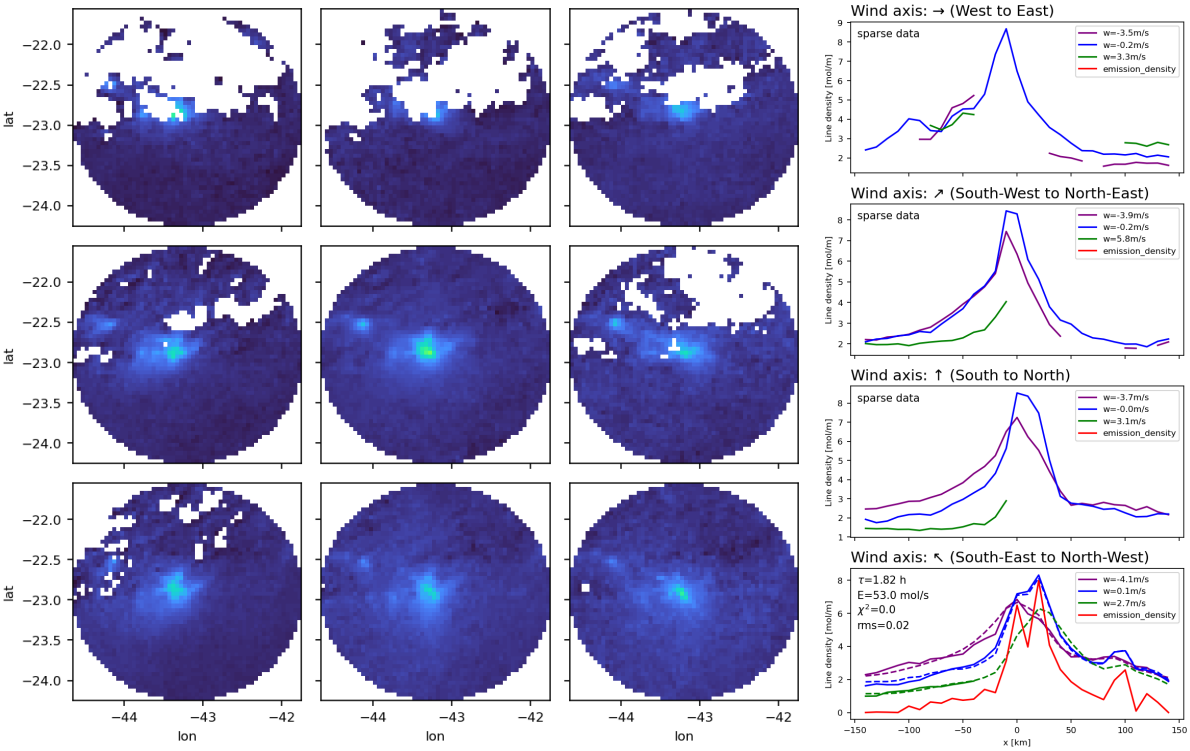


9 Rio de Janeiro

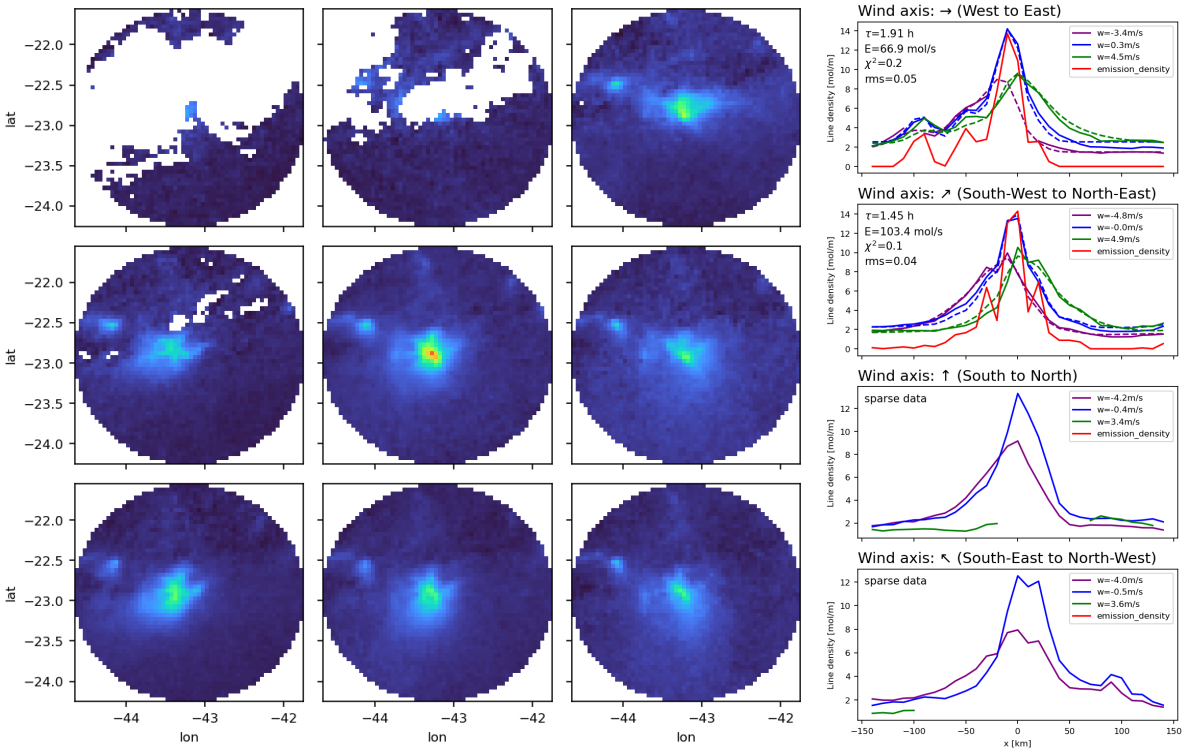
9.1 Winter



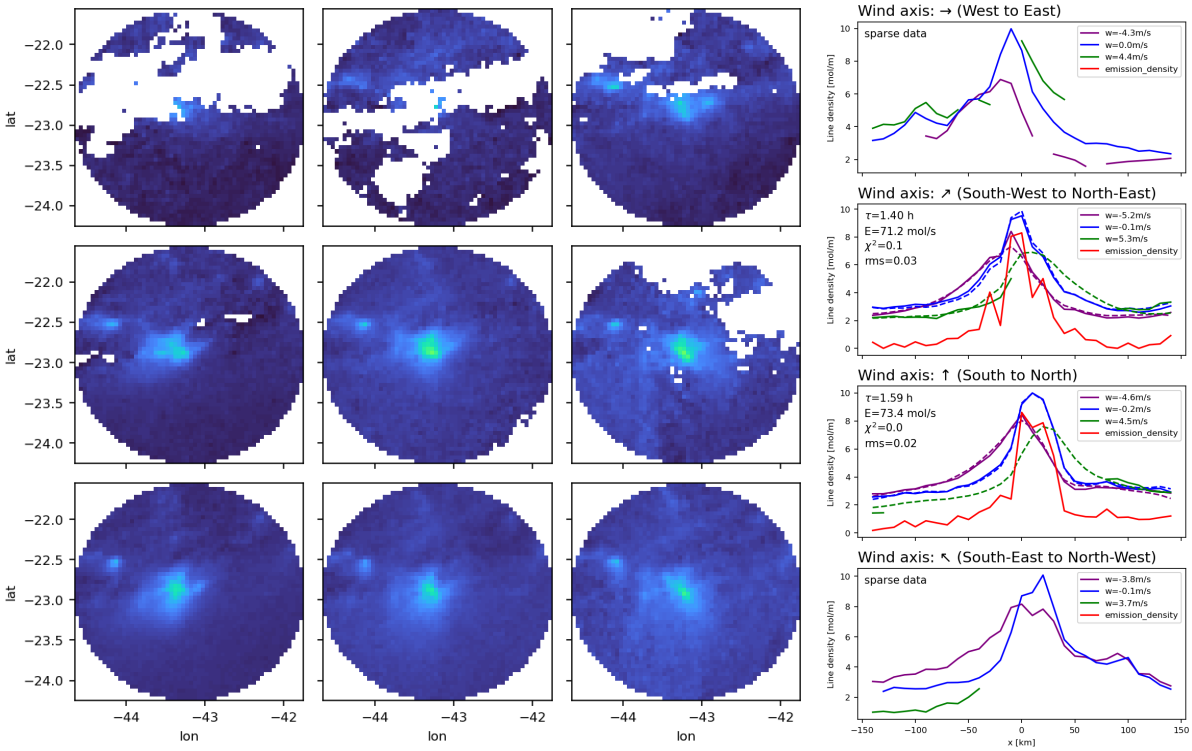
9.2 Spring



9.3 Summer

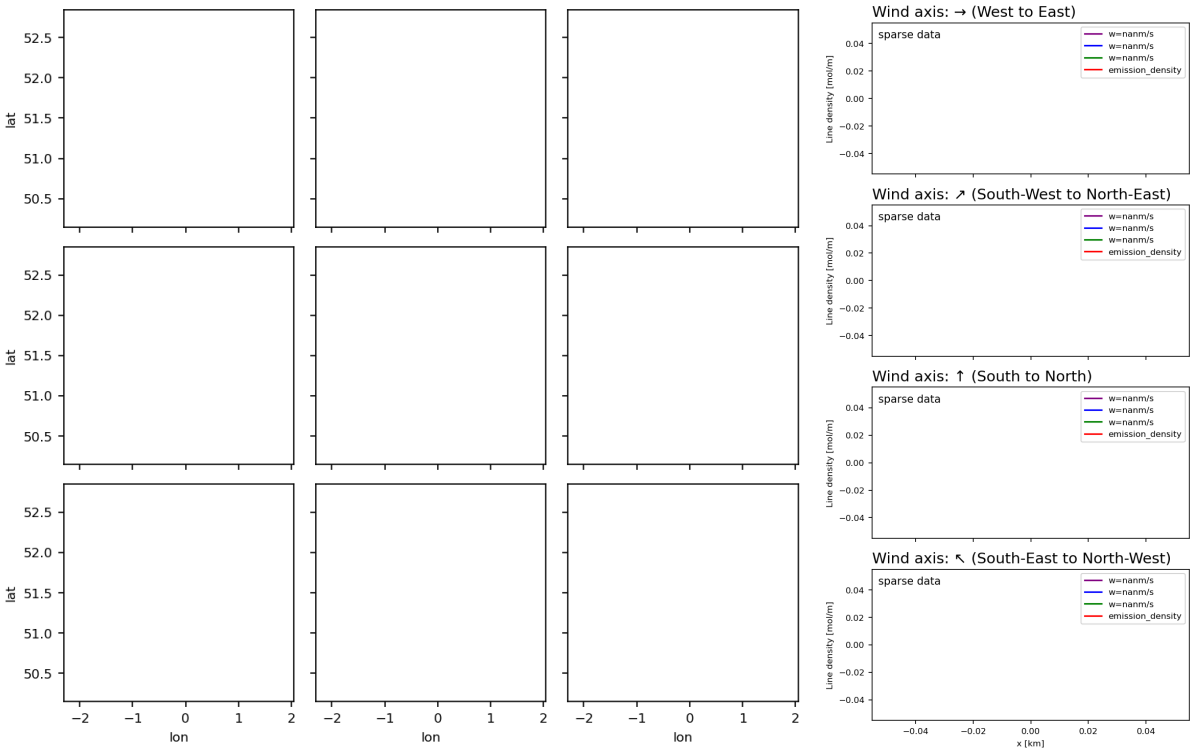


9.4 Autumn

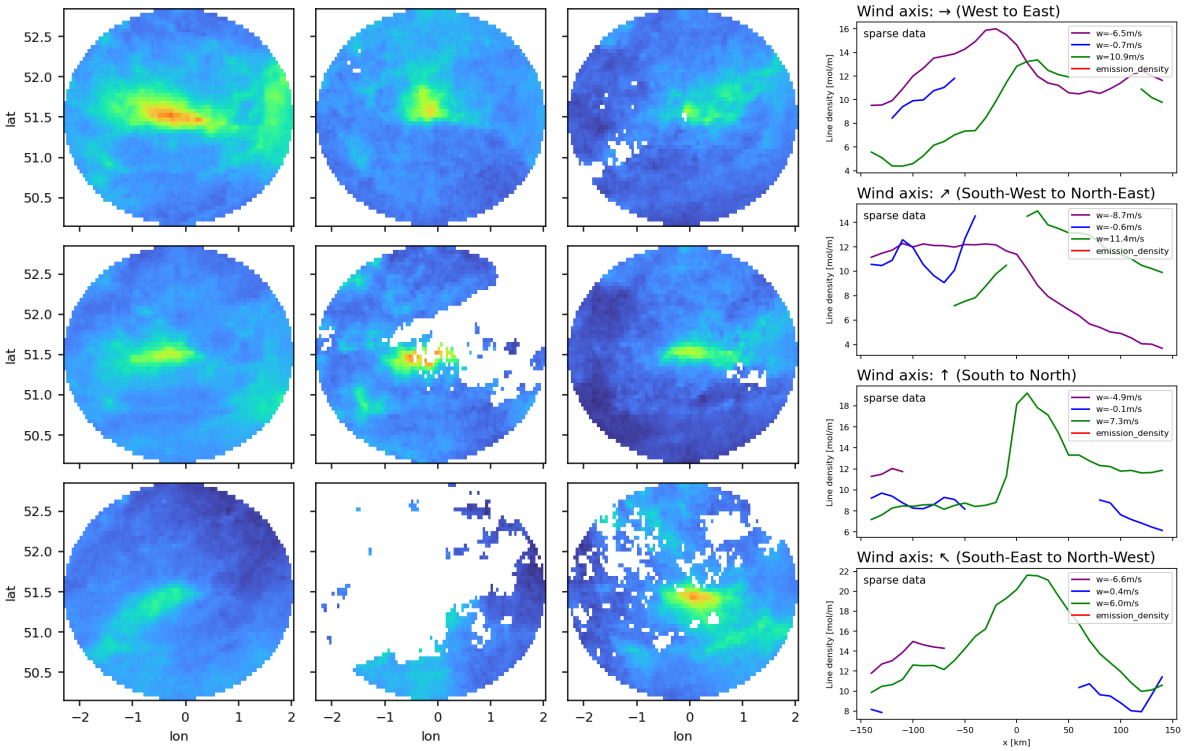


10 London

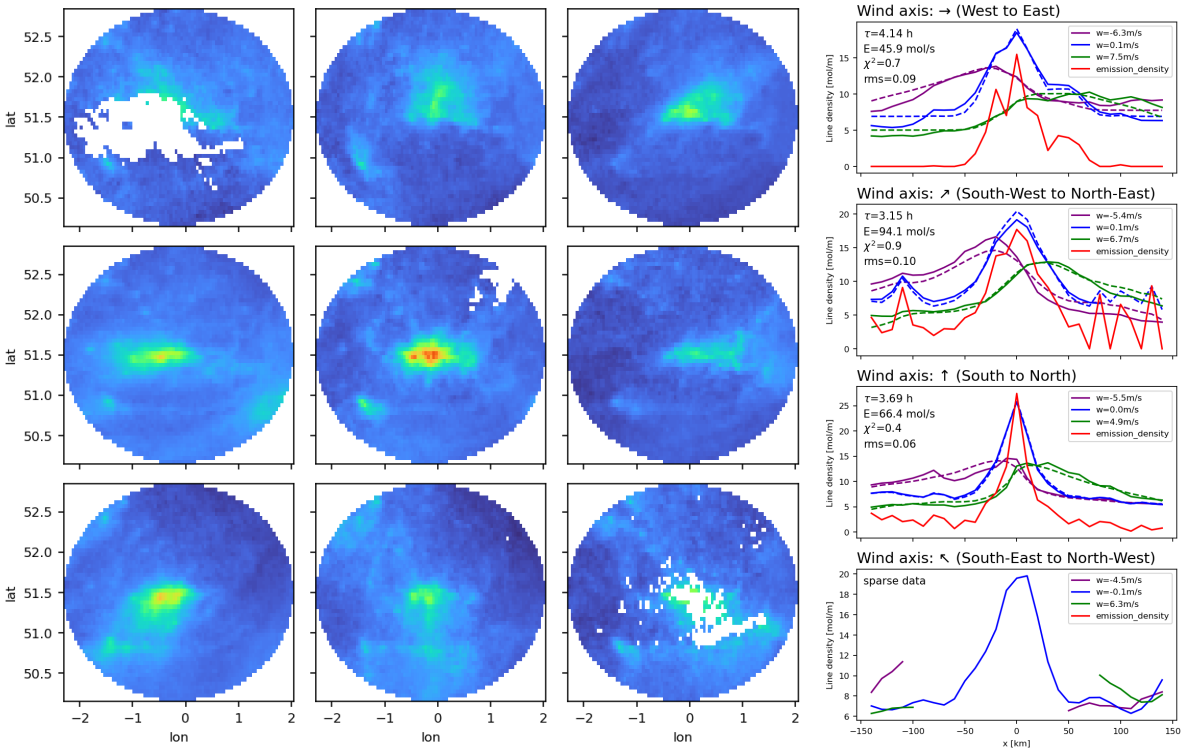
10.1 Winter



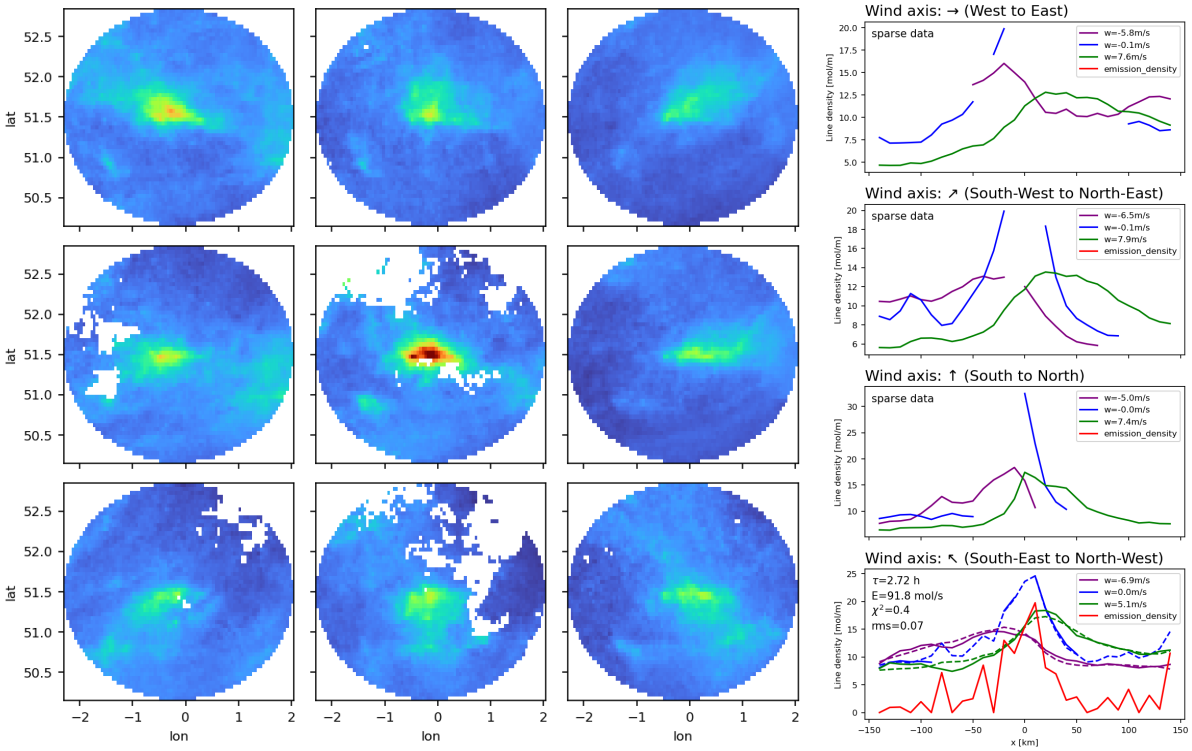
10.2 Spring



10.3 Summer

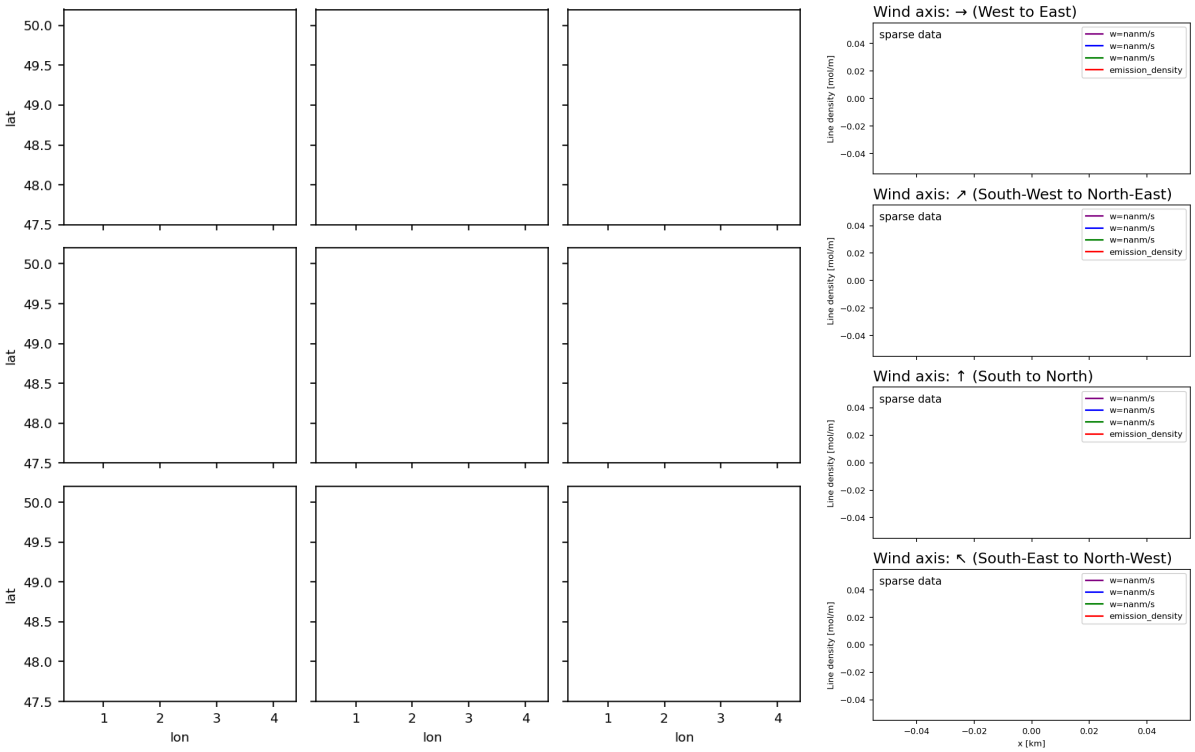


10.4 Autumn

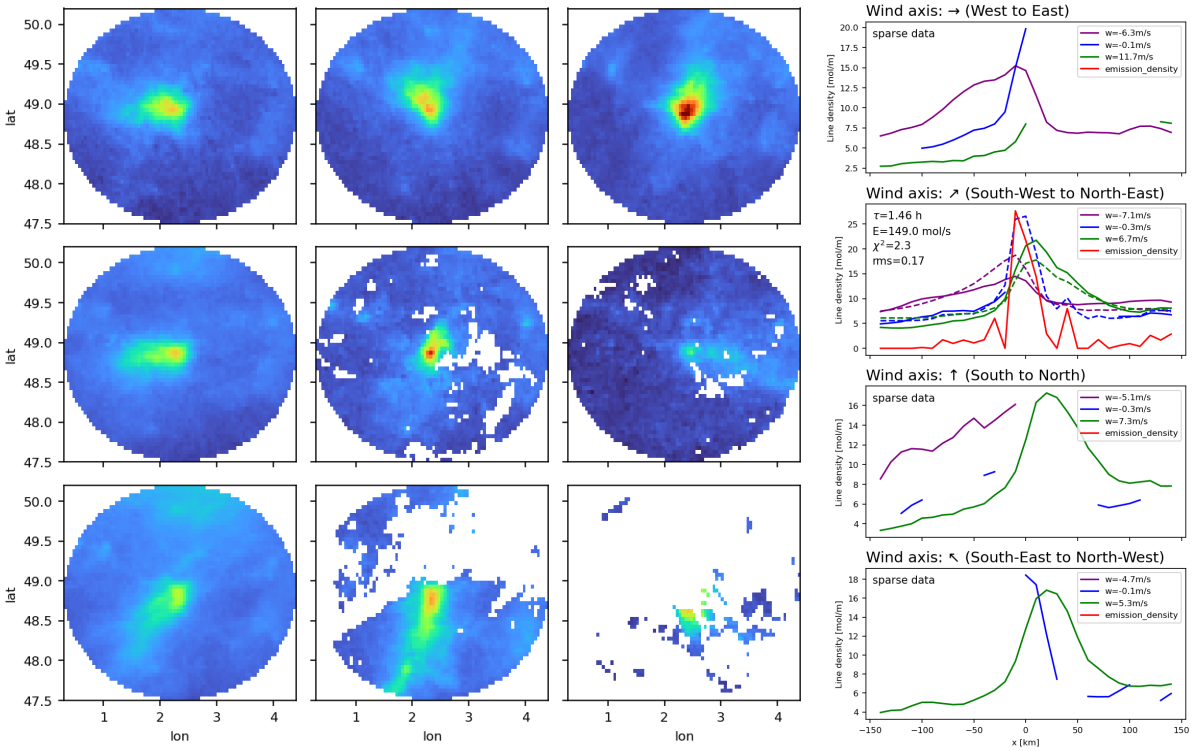


11 Paris

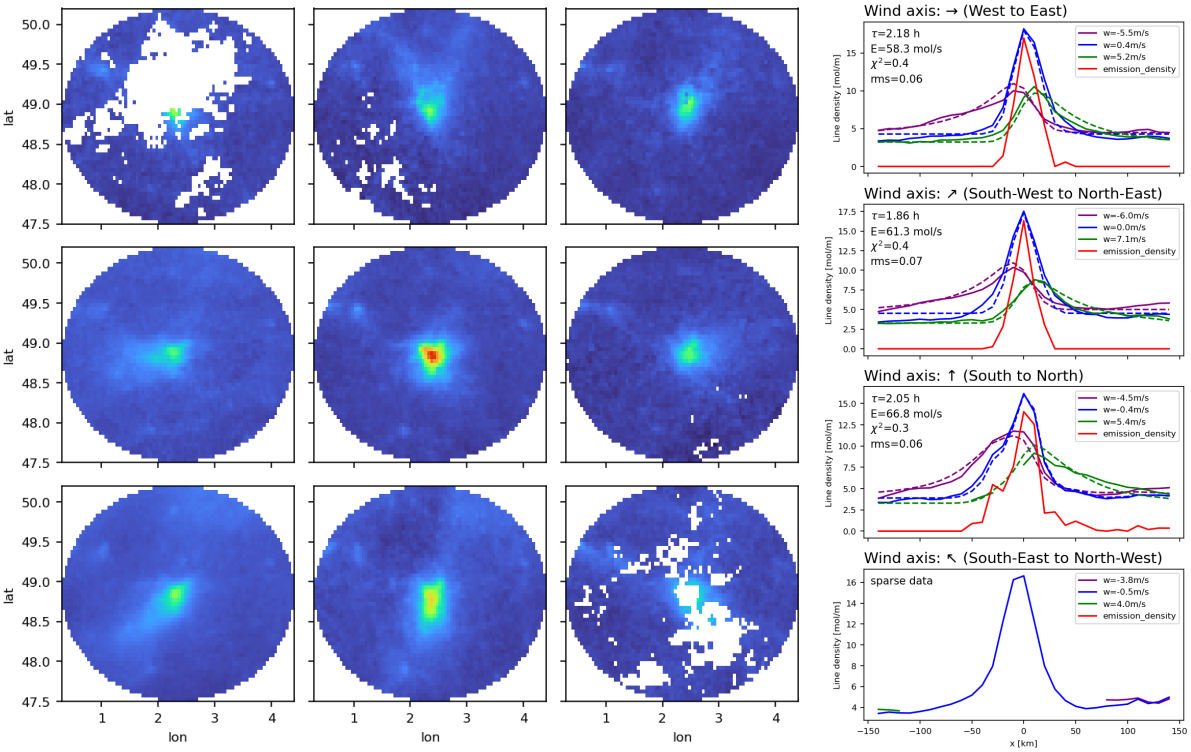
11.1 Winter



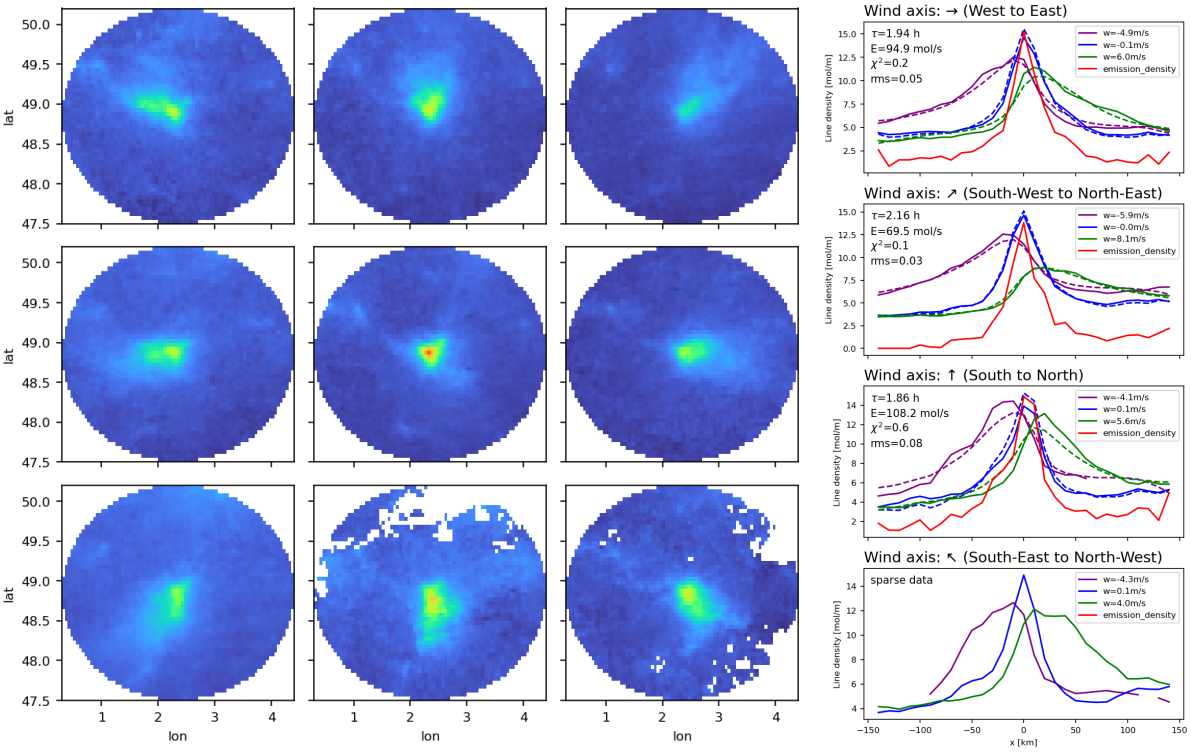
11.2 Spring



11.3 Summer

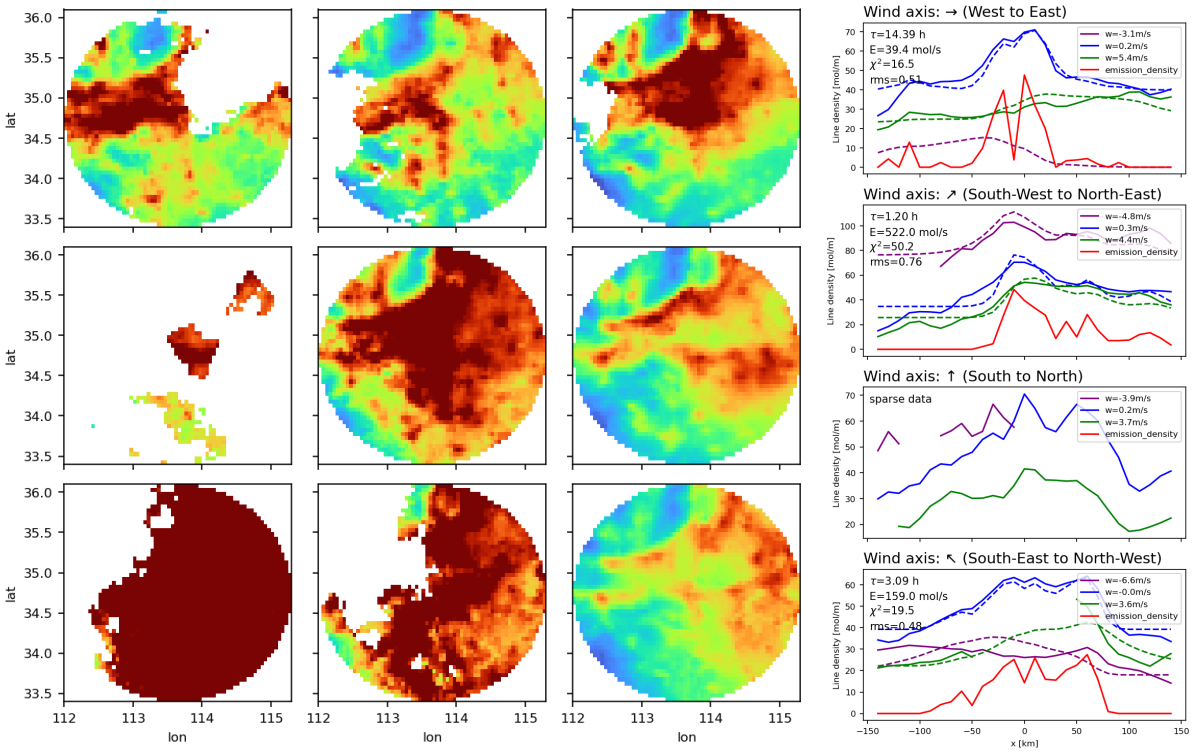


11.4 Autumn

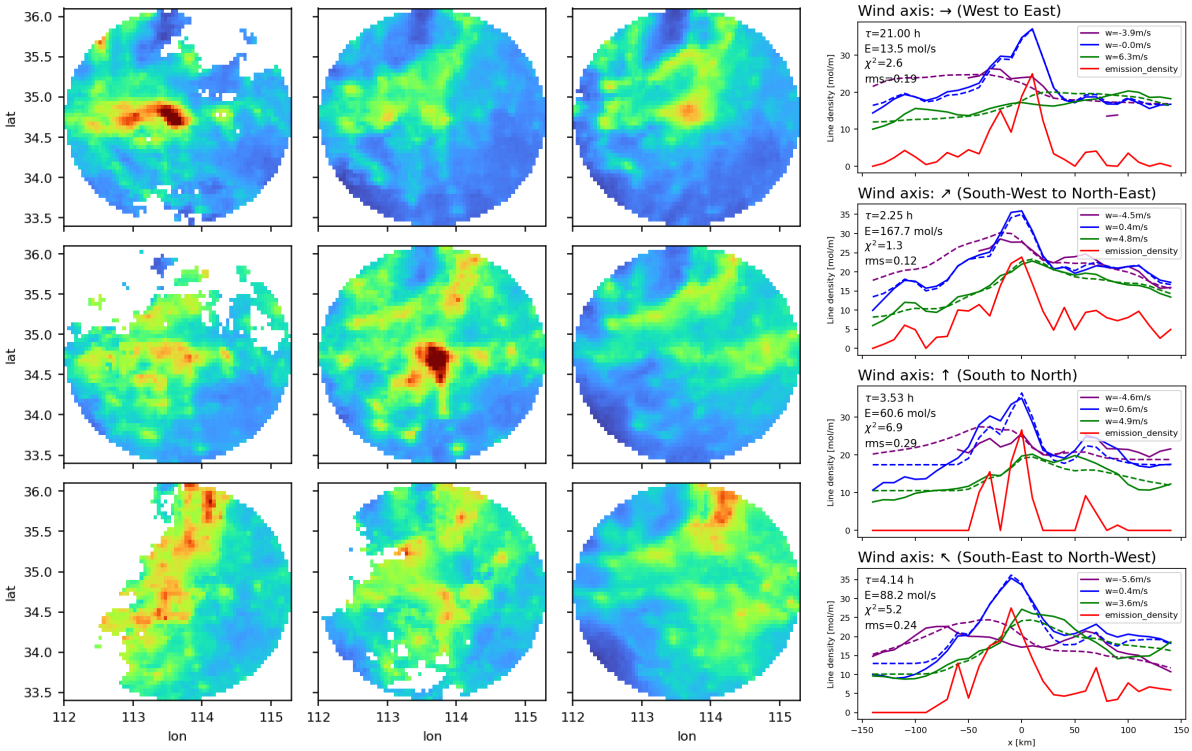


12 Zhengzhou

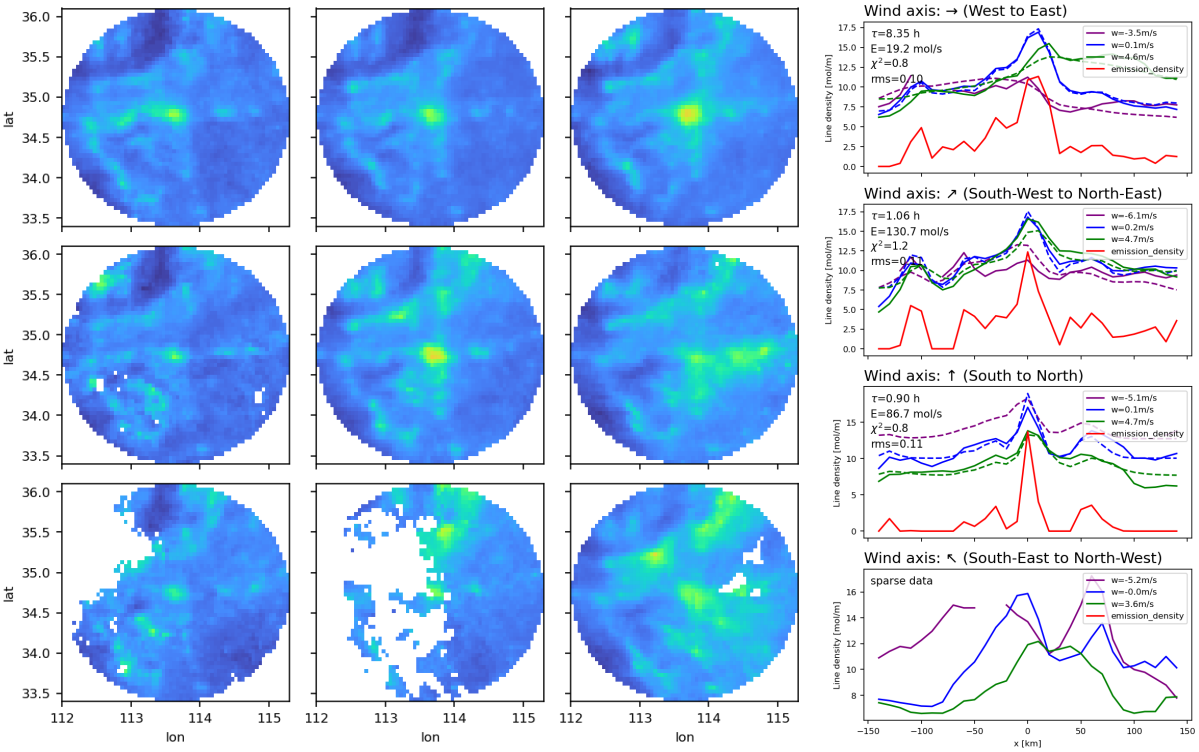
12.1 Winter



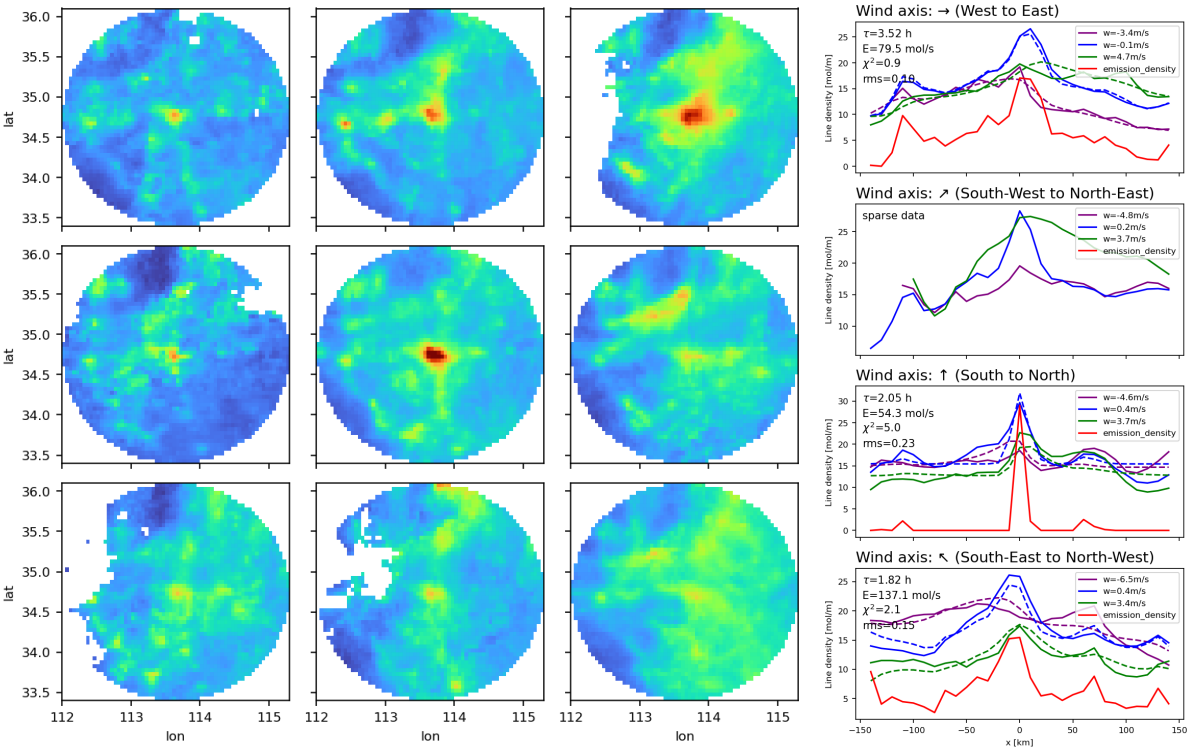
12.2 Spring



12.3 Summer

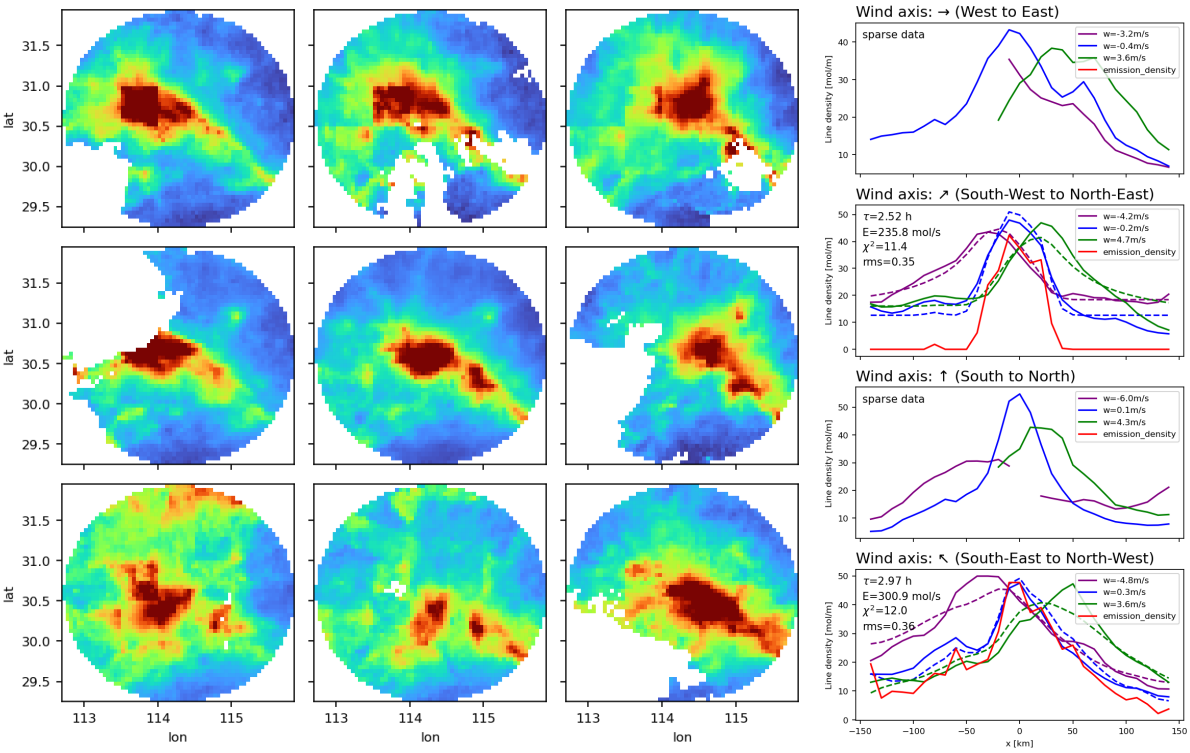


12.4 Autumn

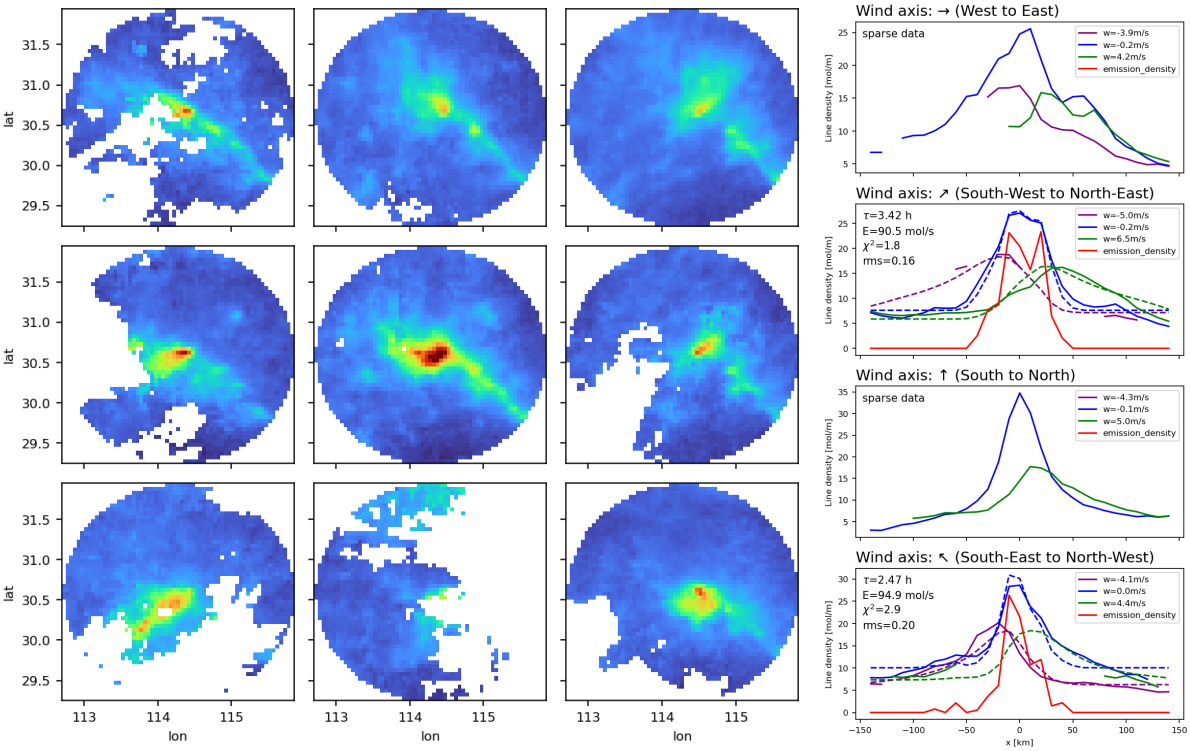


13 Wuhan

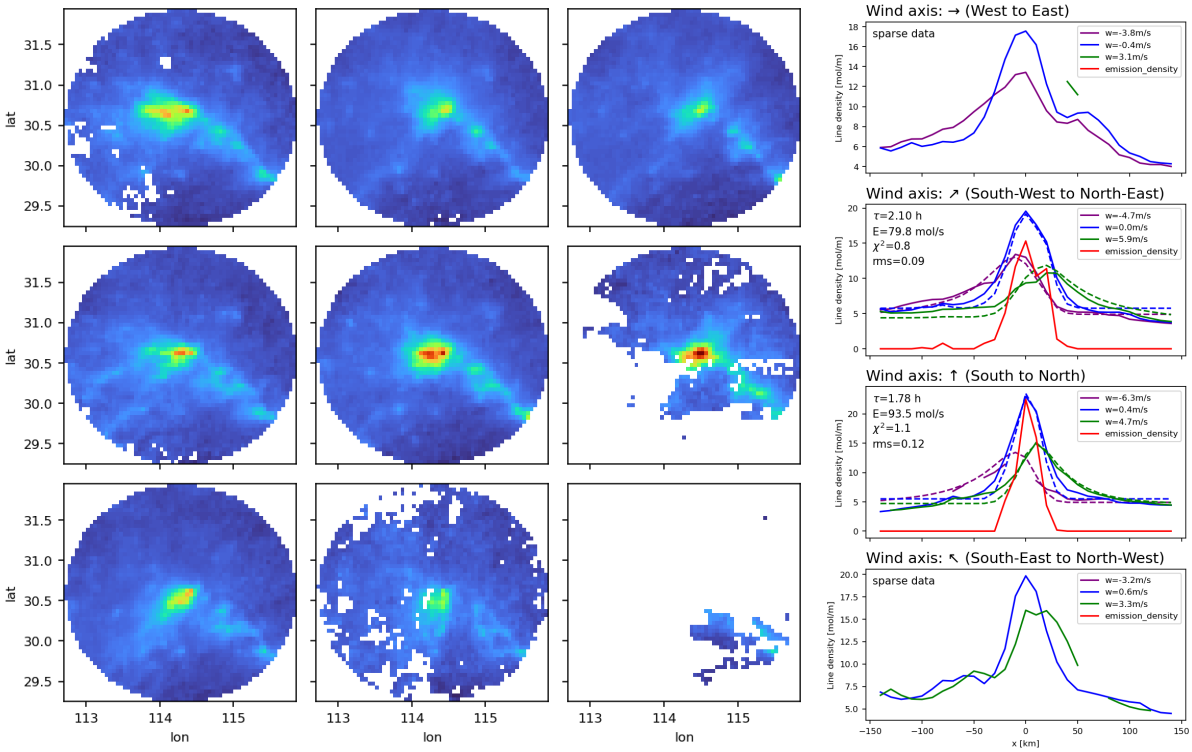
13.1 Winter



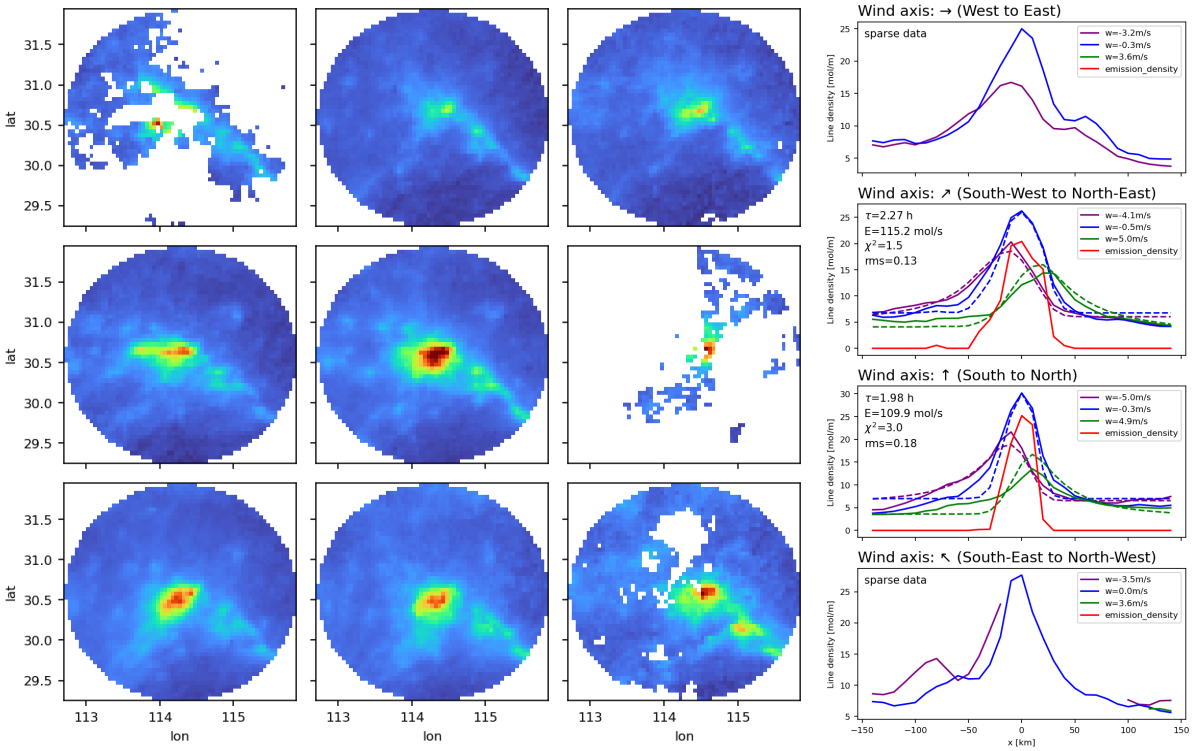
13.2 Spring



13.3 Summer

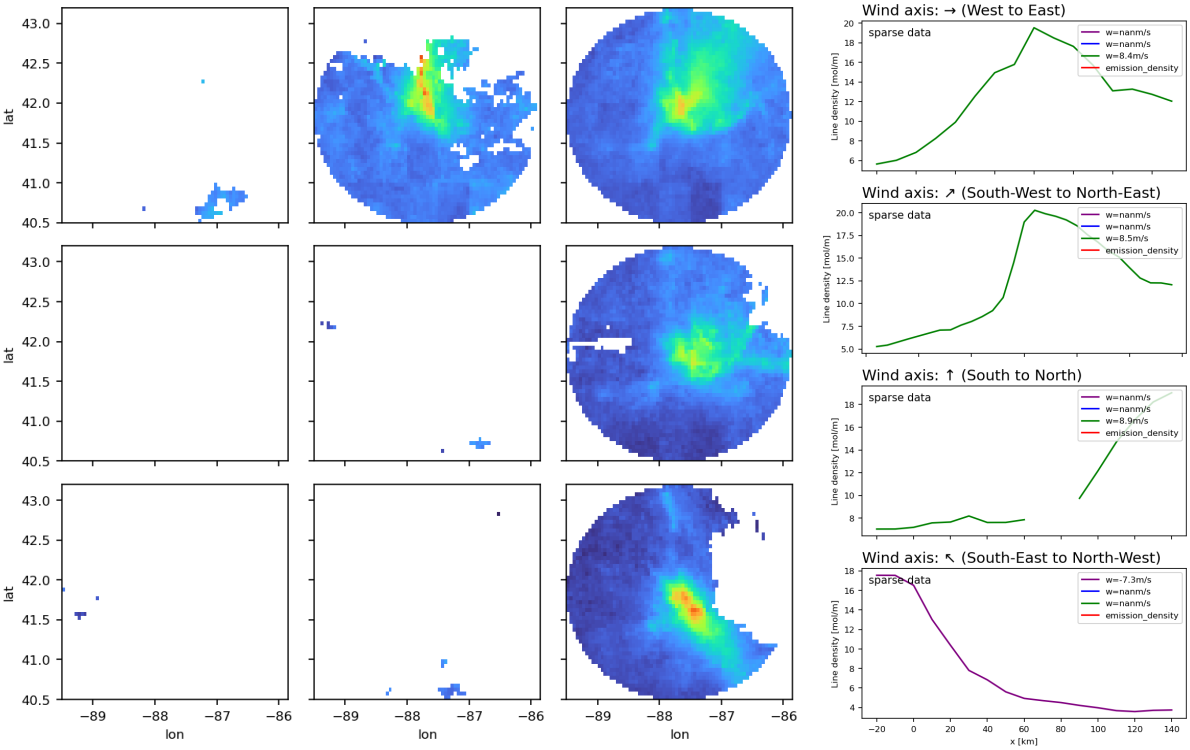


13.4 Autumn

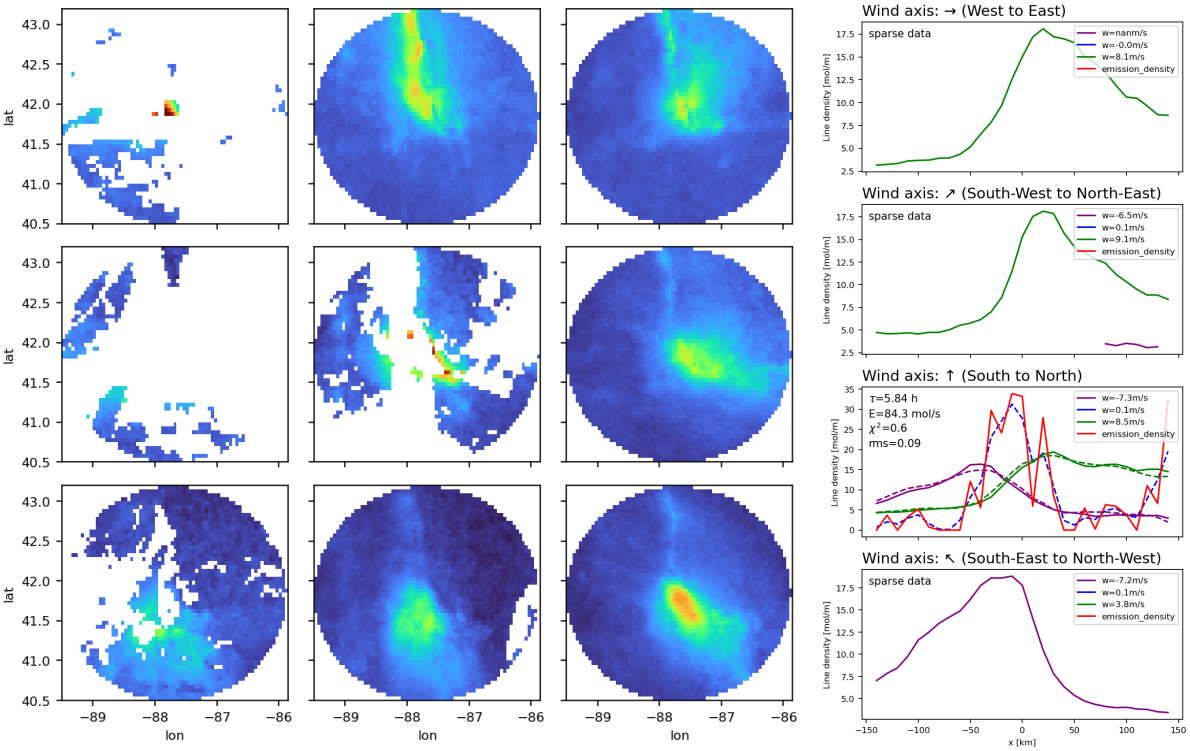


14 Chicago

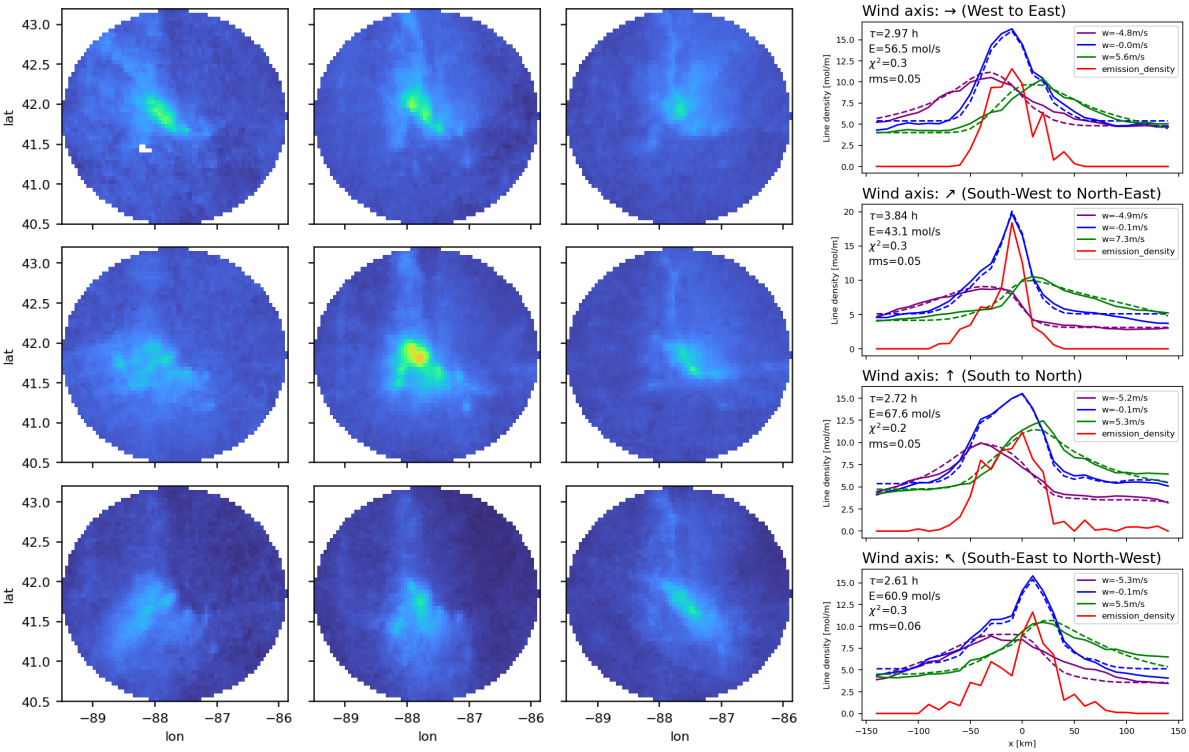
14.1 Winter



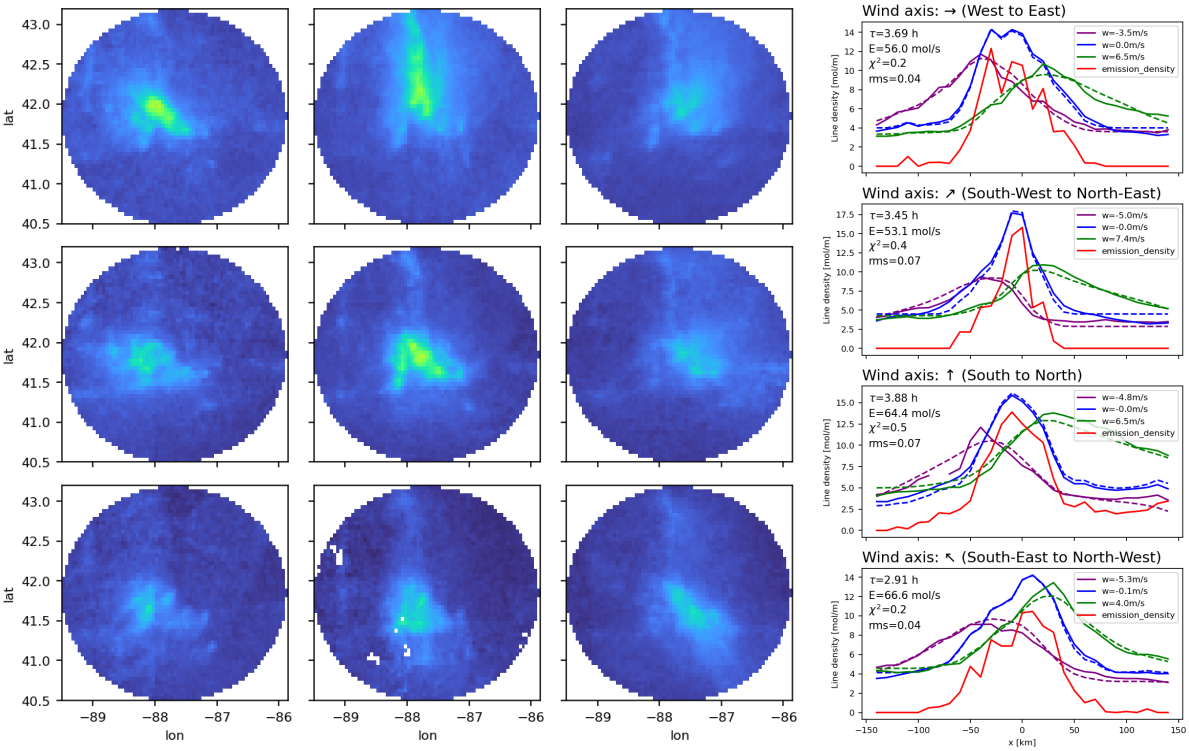
14.2 Spring



14.3 Summer

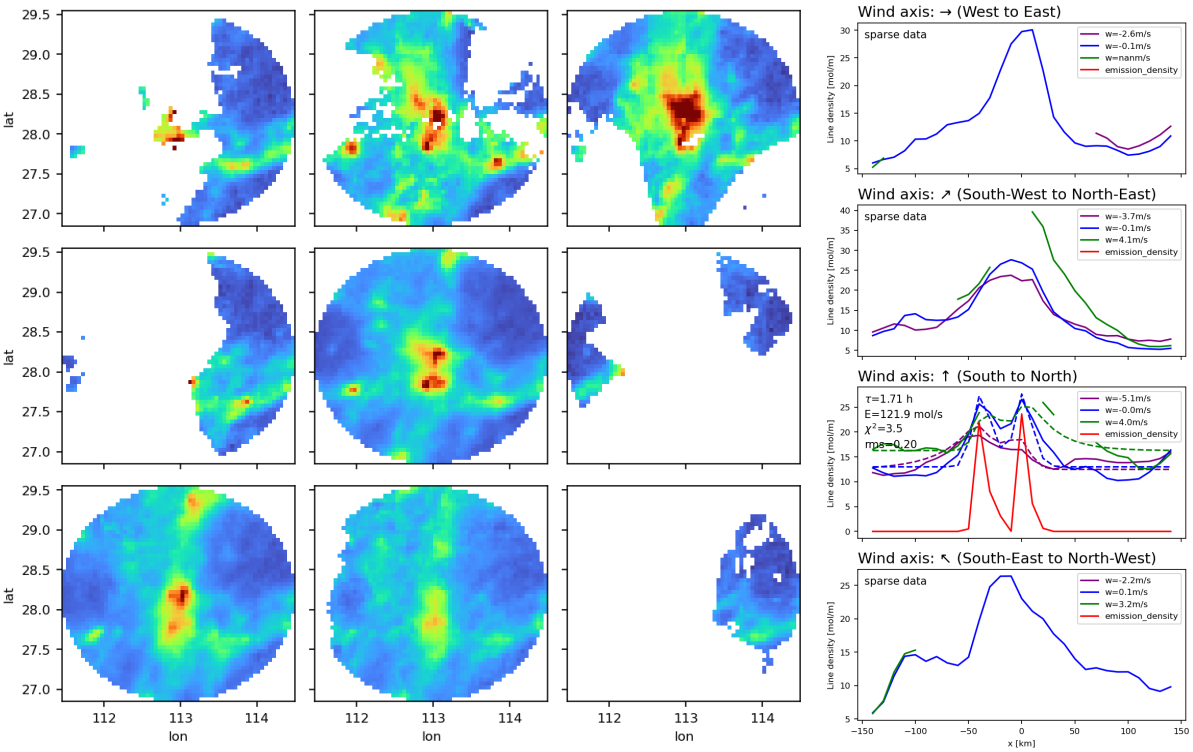


14.4 Autumn

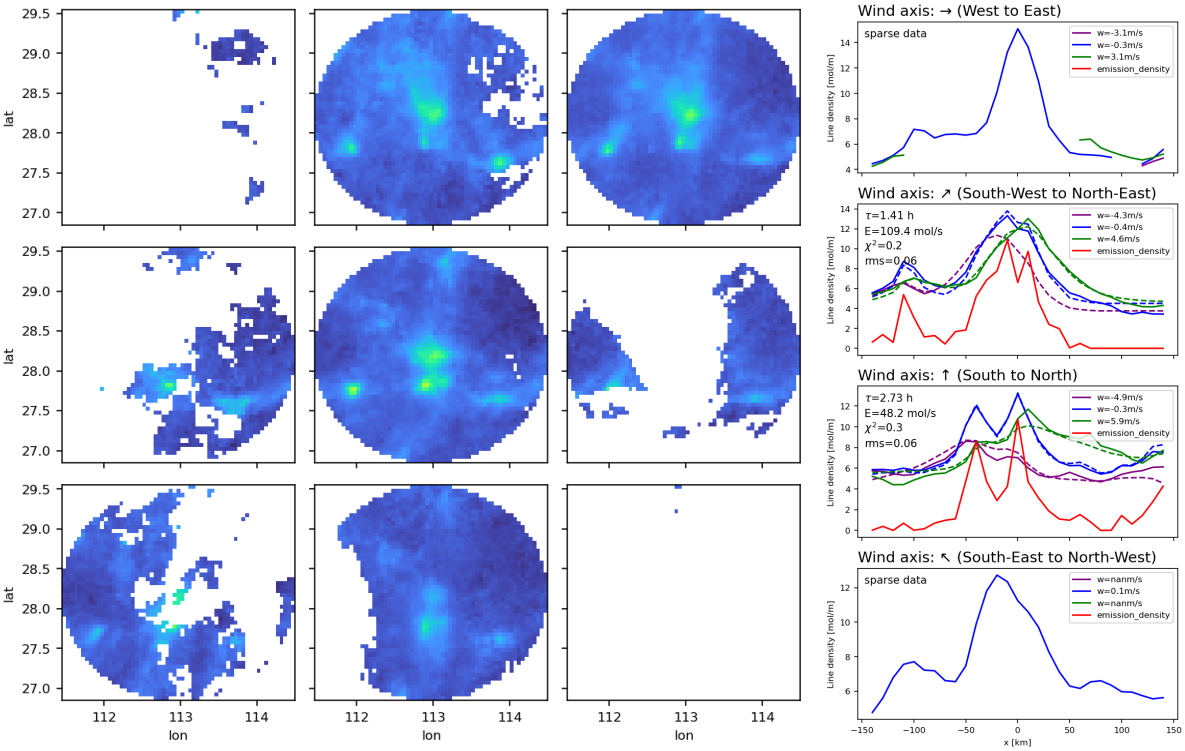


15 Changsha

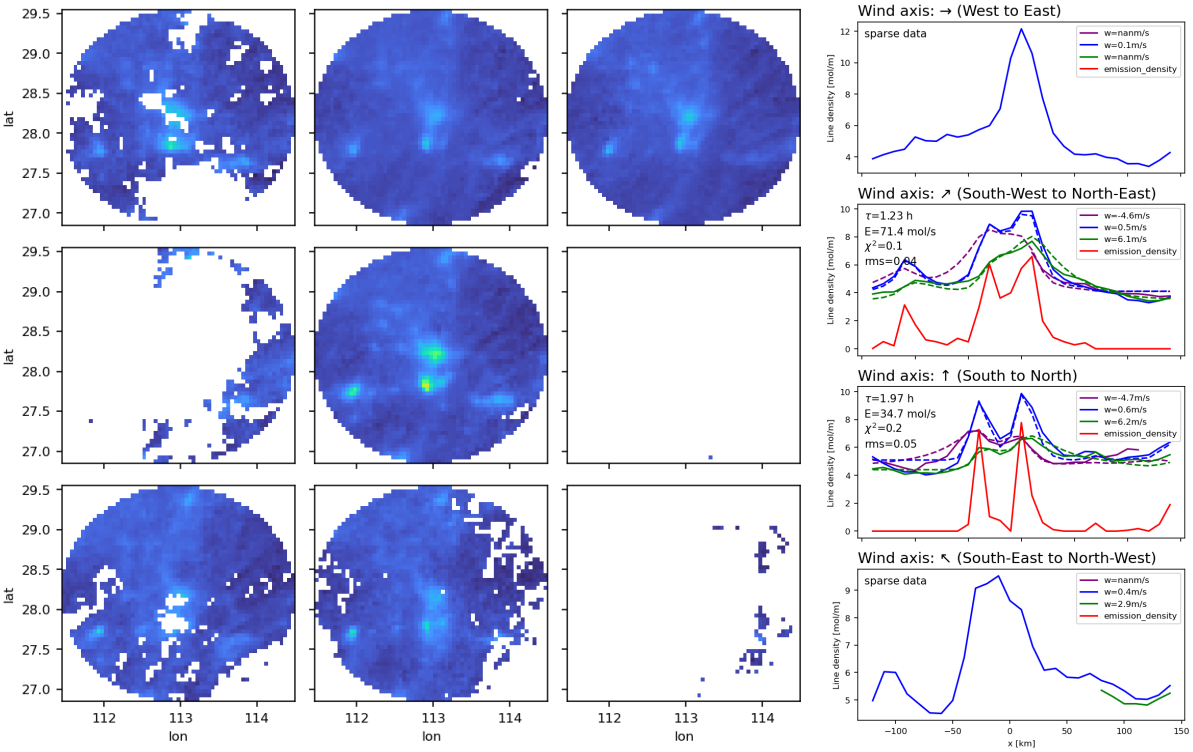
15.1 Winter



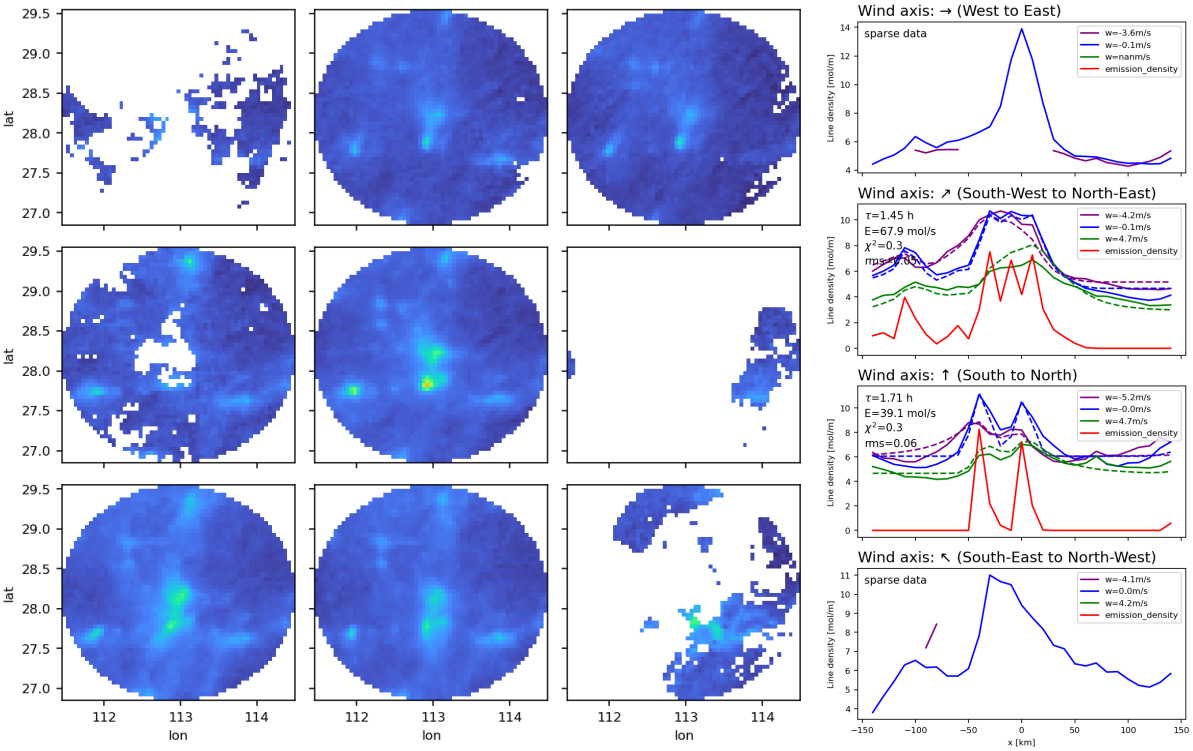
15.2 Spring



15.3 Summer

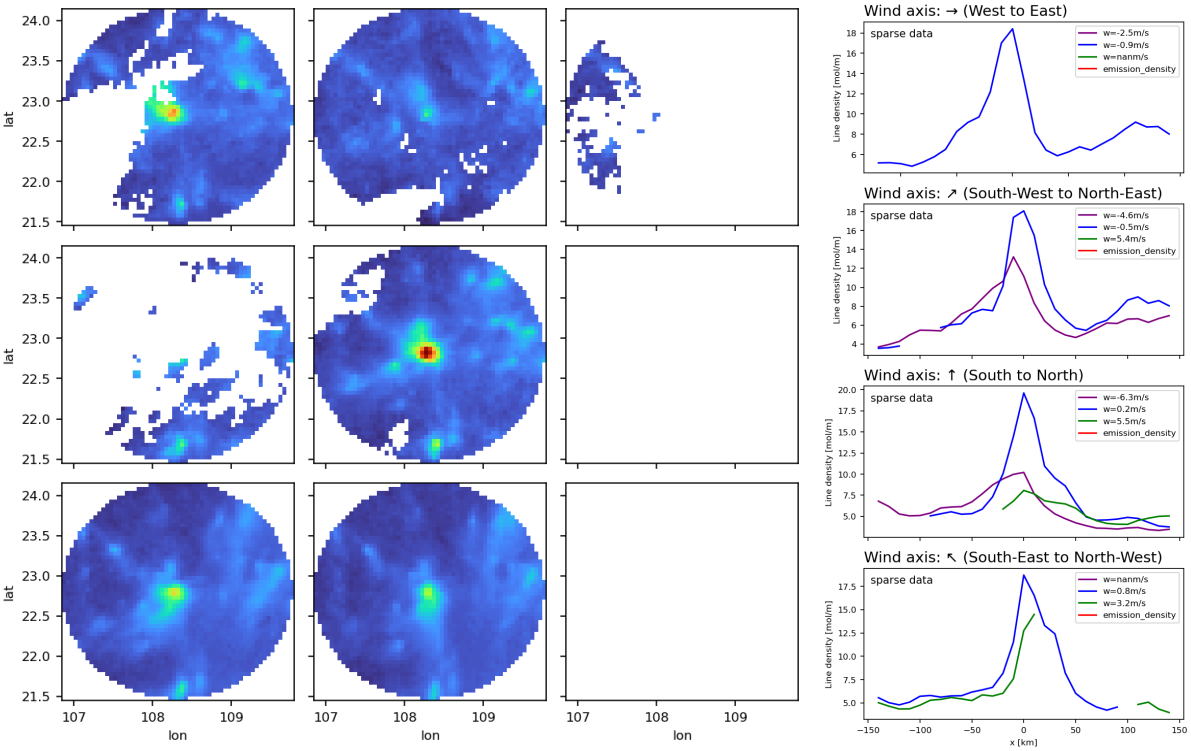


15.4 Autumn

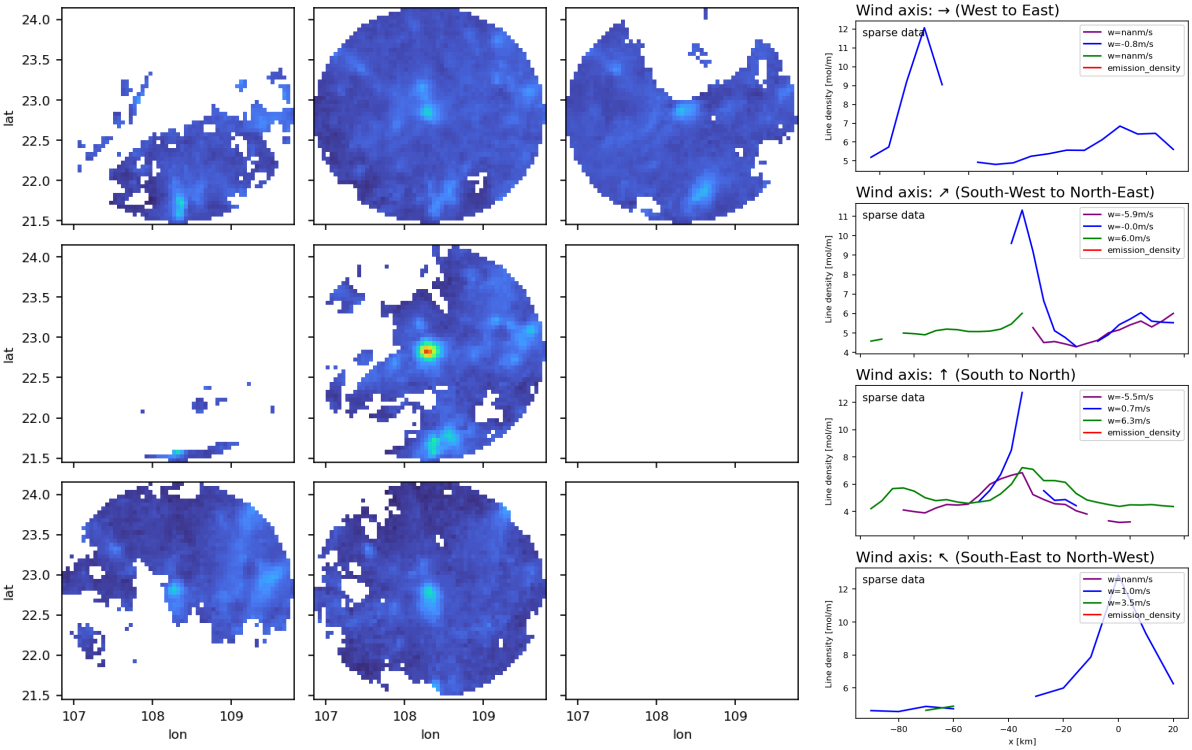


16 Nanning

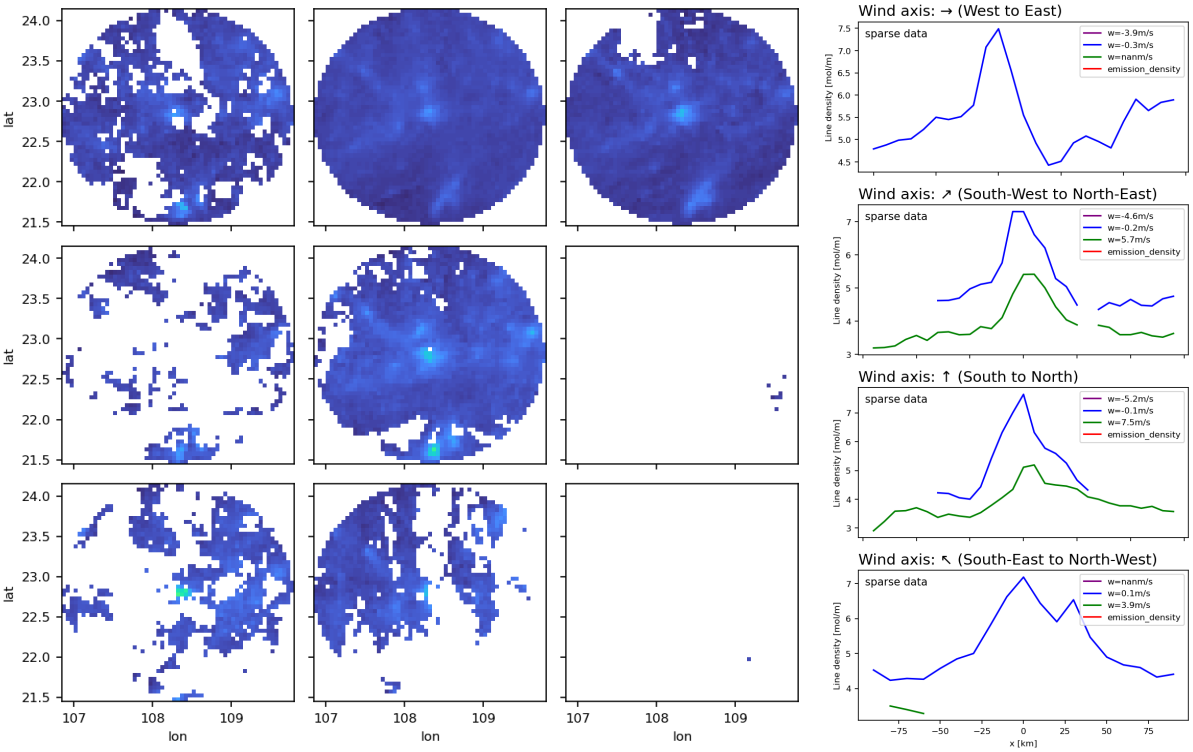
16.1 Winter



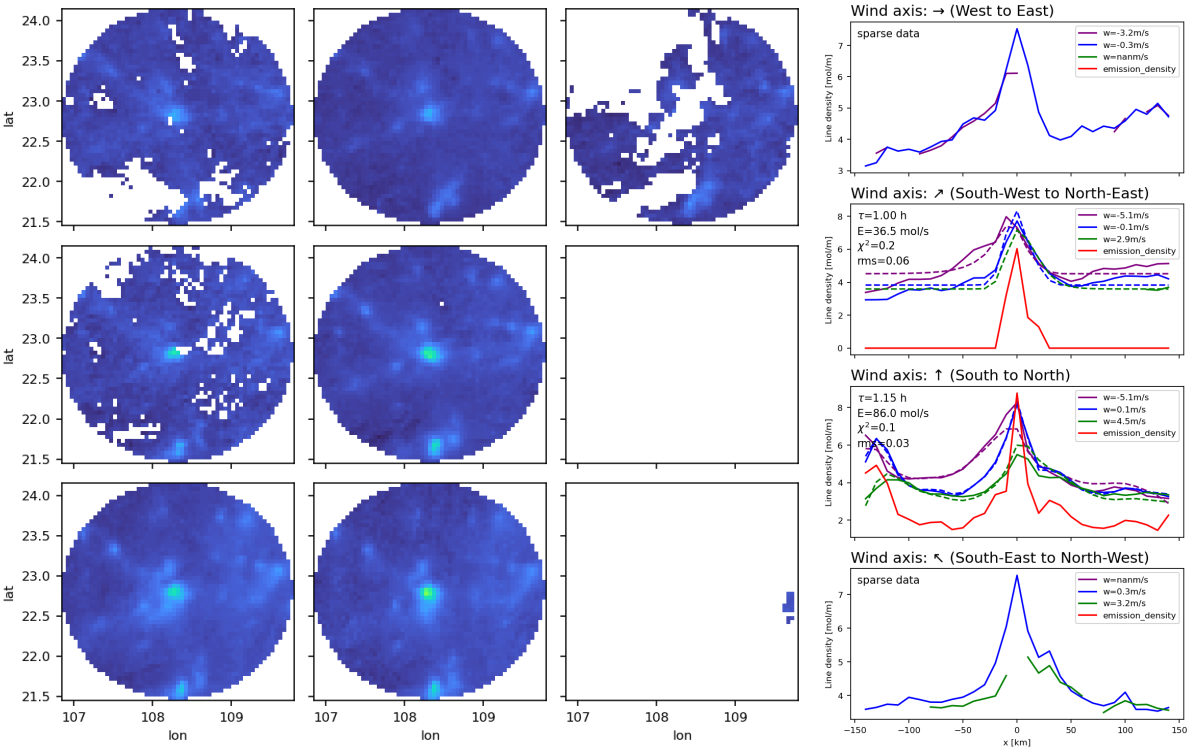
16.2 Spring



16.3 Summer

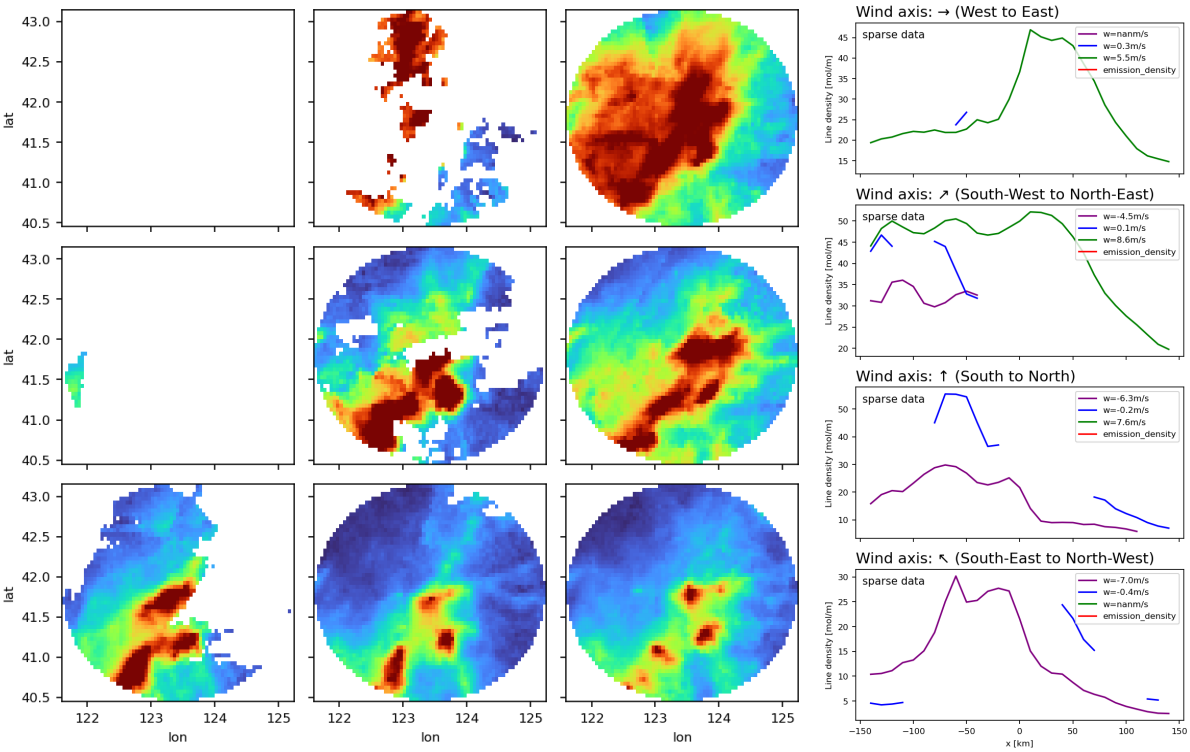


16.4 Autumn

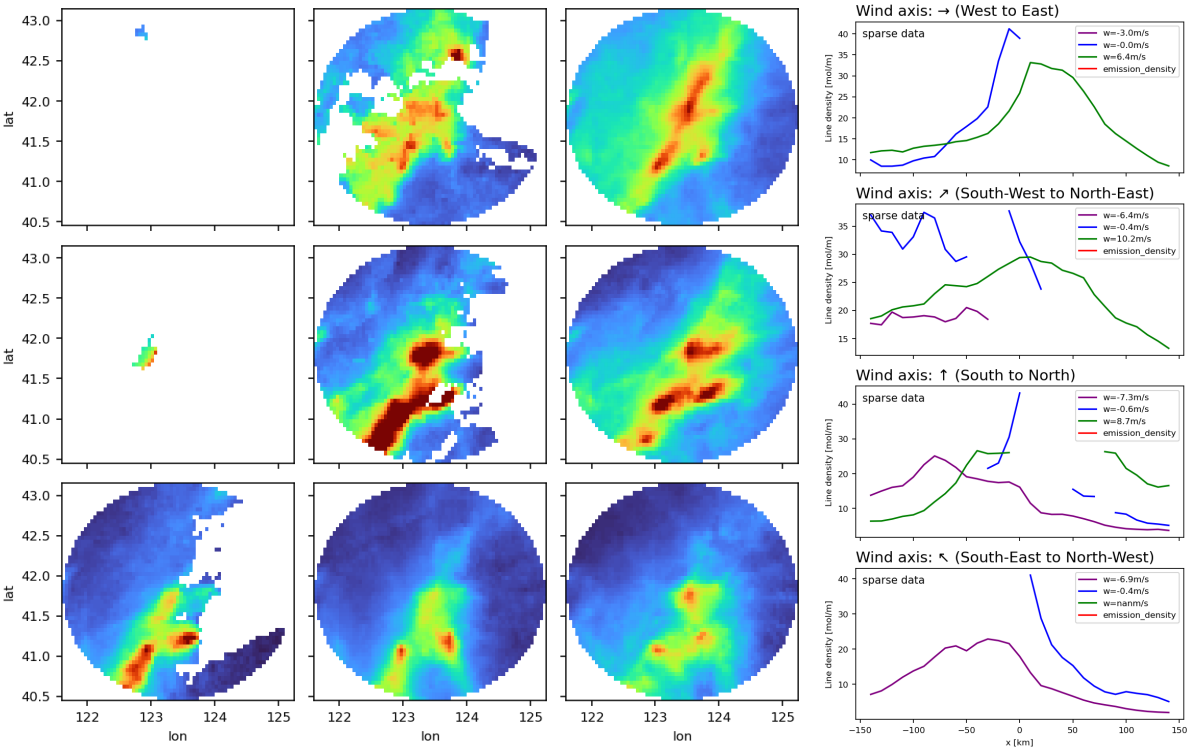


17 Shenyang

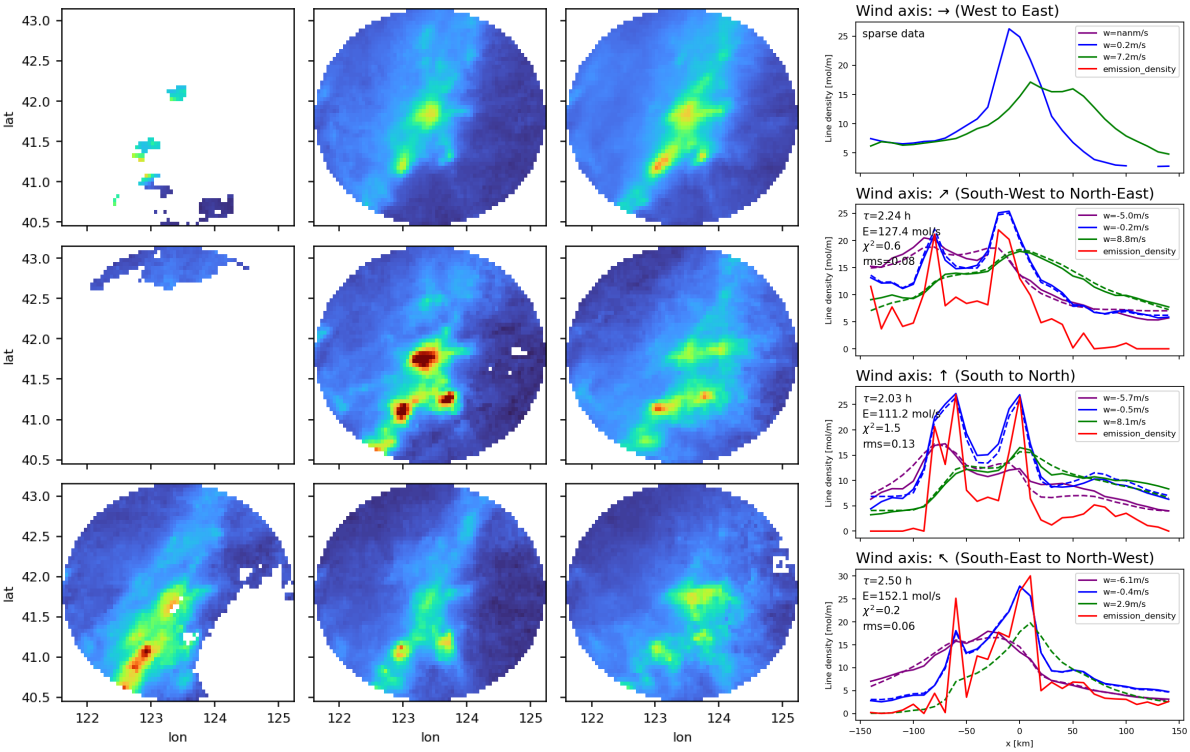
17.1 Winter



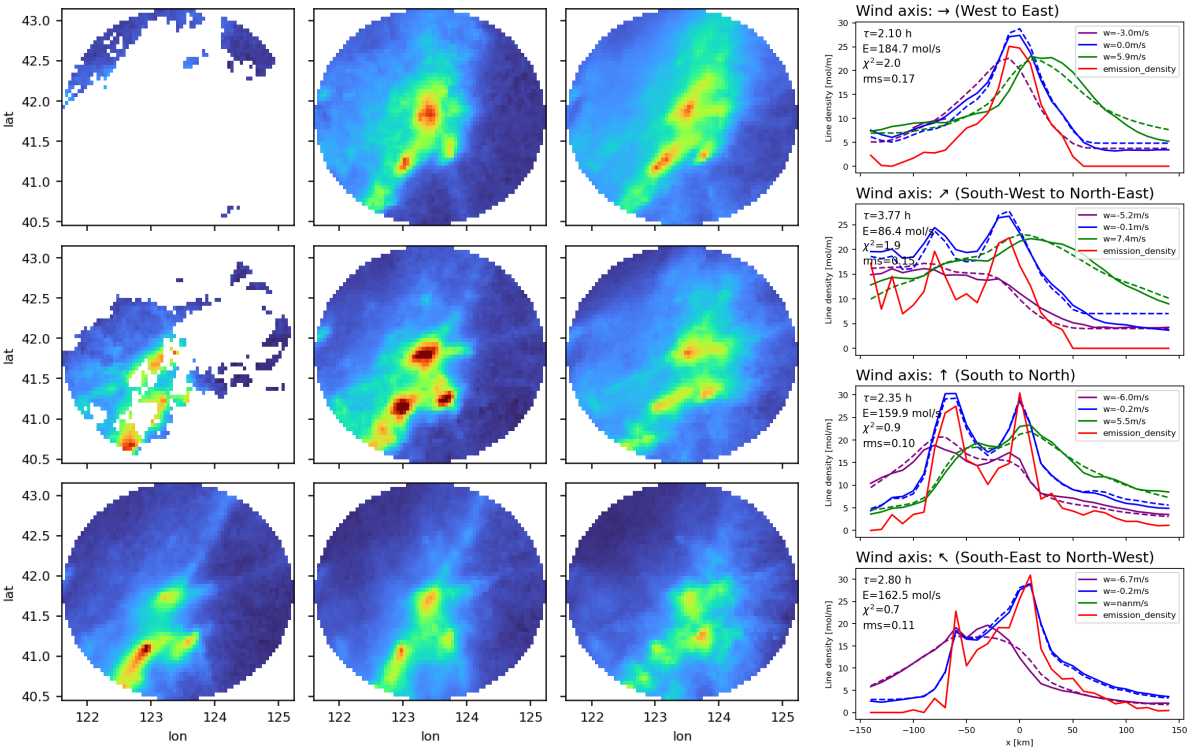
17.2 Spring



17.3 Summer

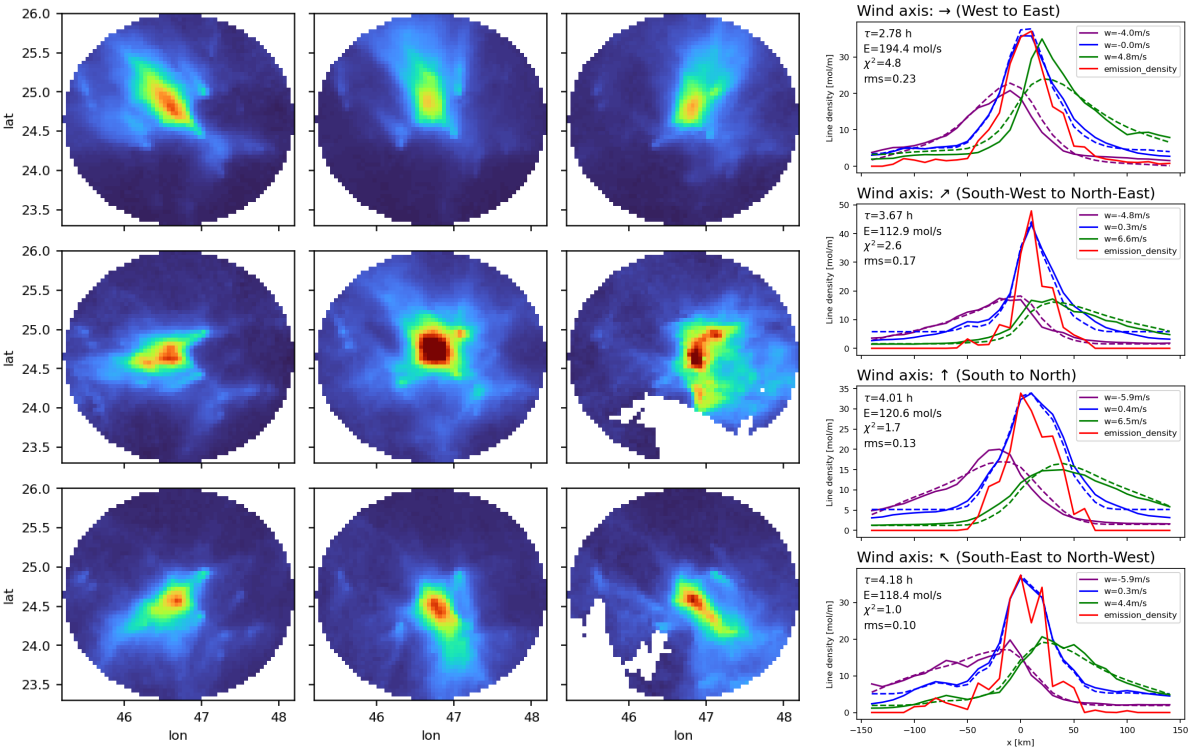


17.4 Autumn

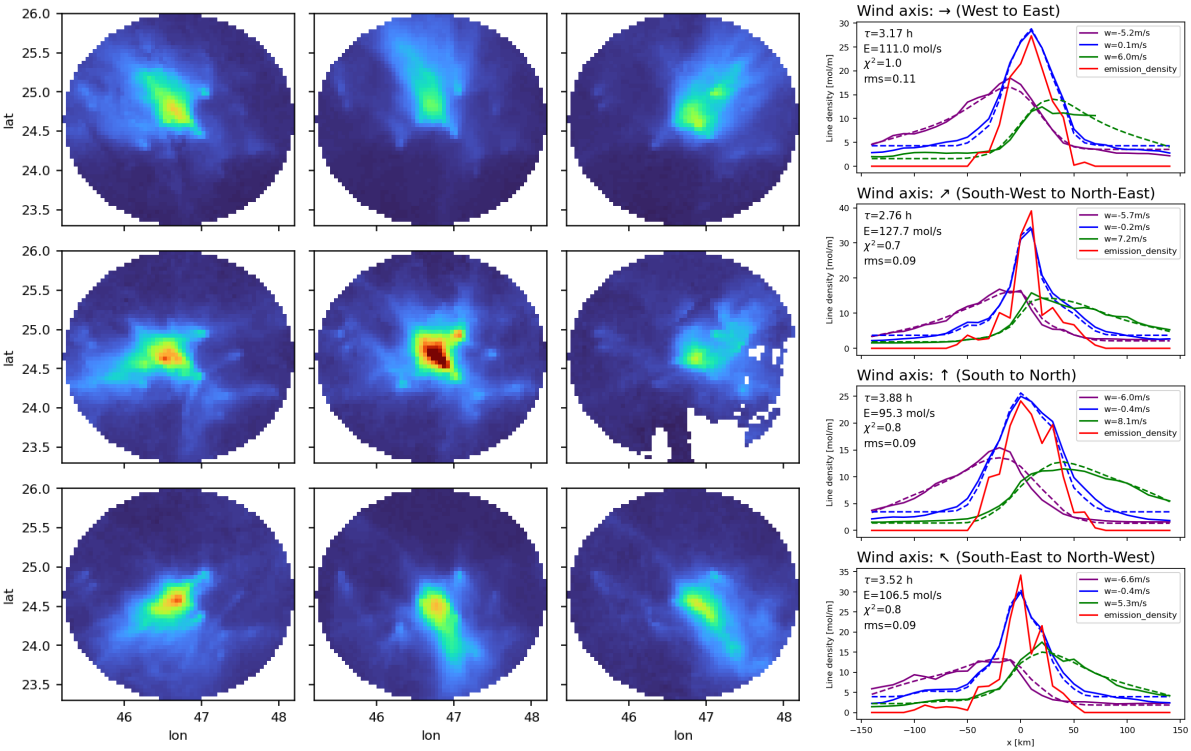


18 Riyadh

18.1 Winter



18.2 Spring



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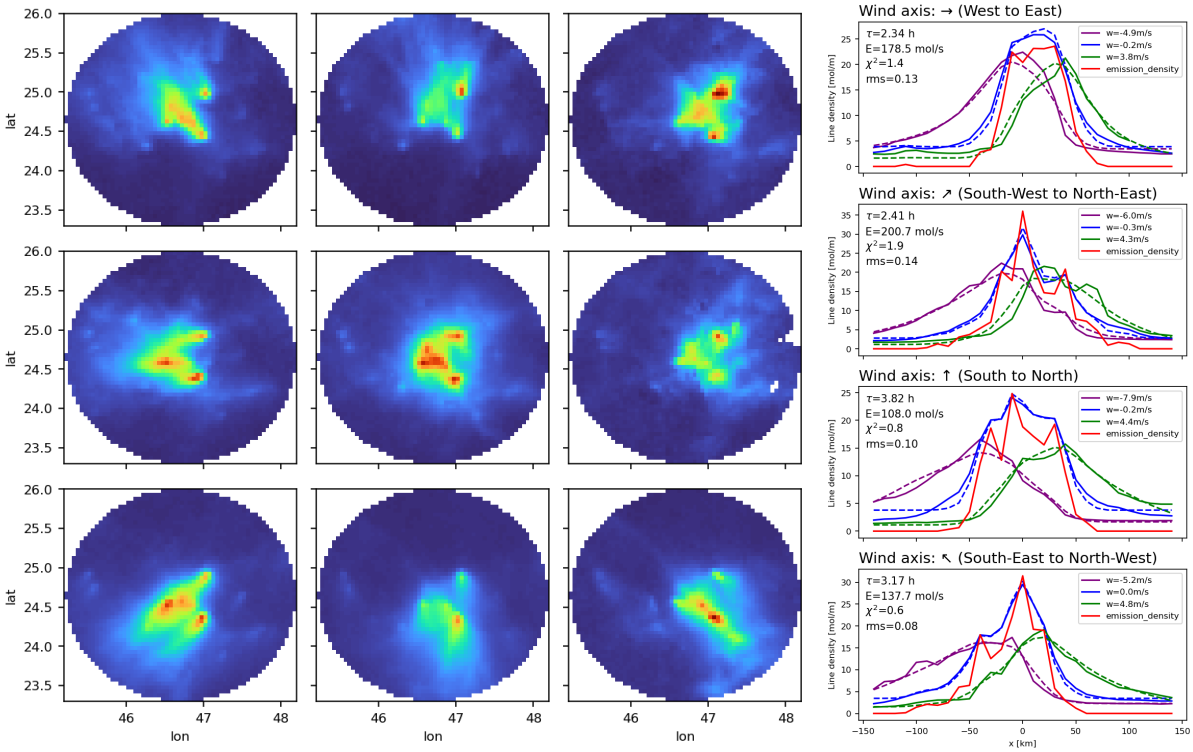
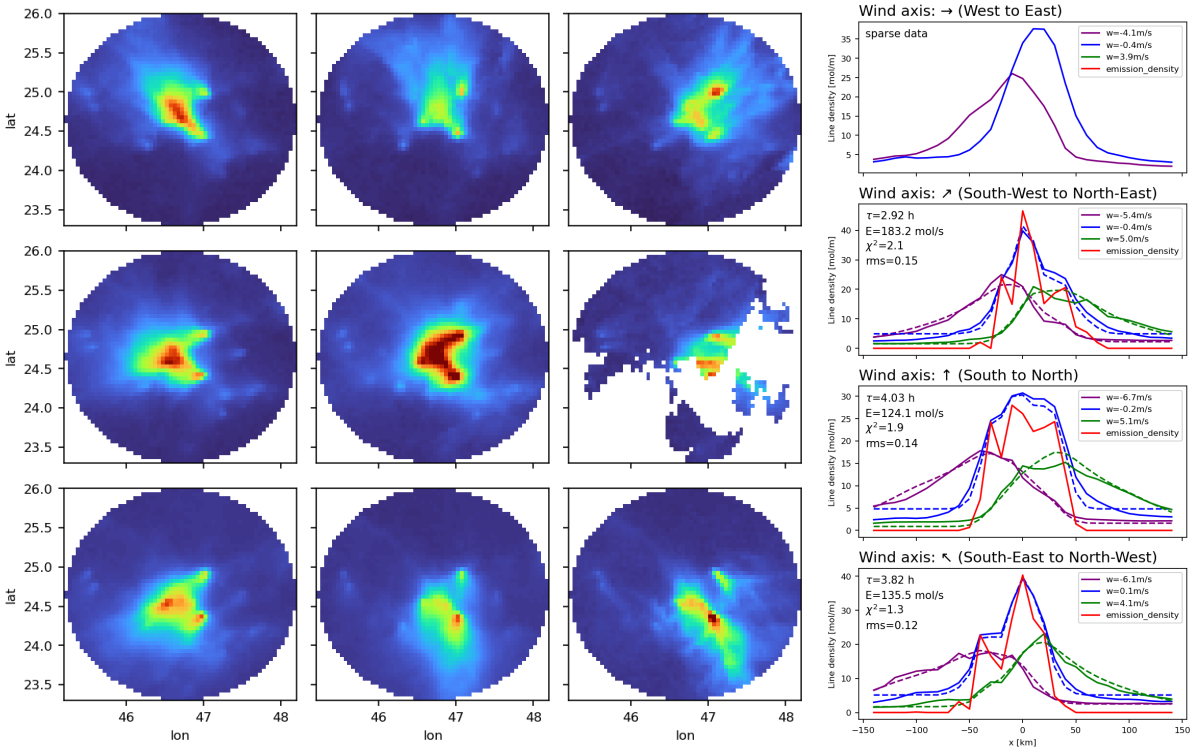
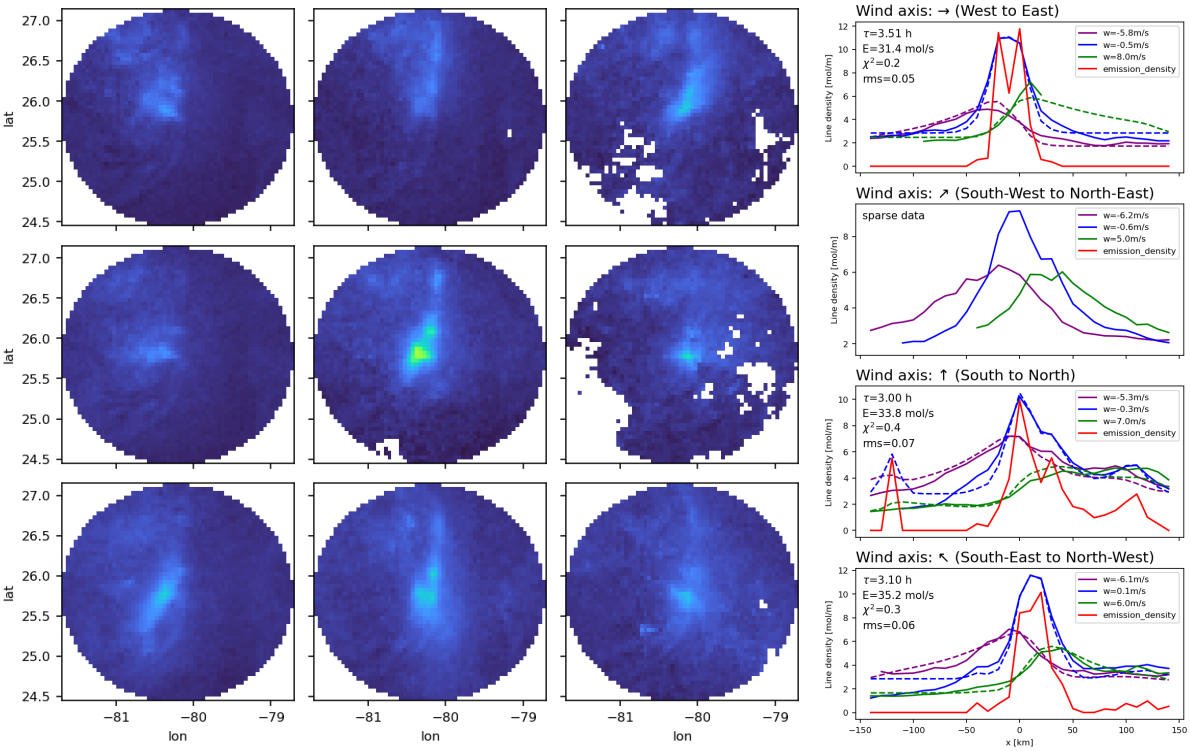


18.4 Autumn

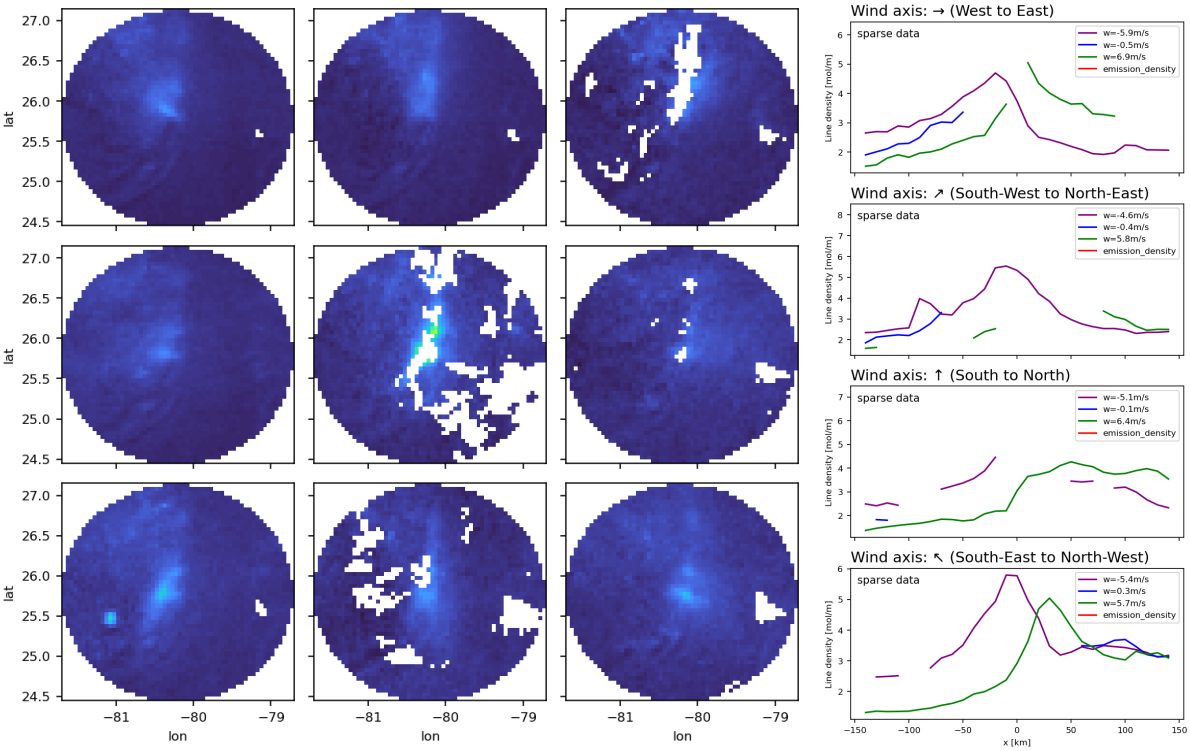


19 Miami

19.1 Winter



19.2 Spring



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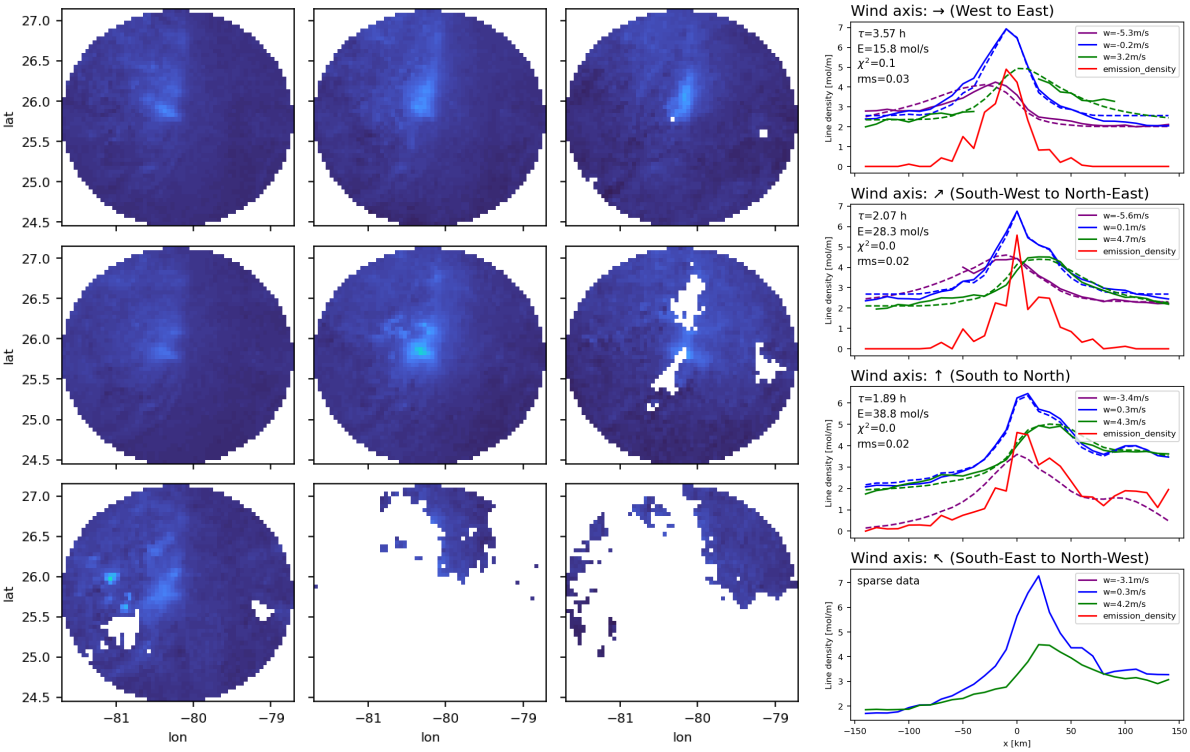
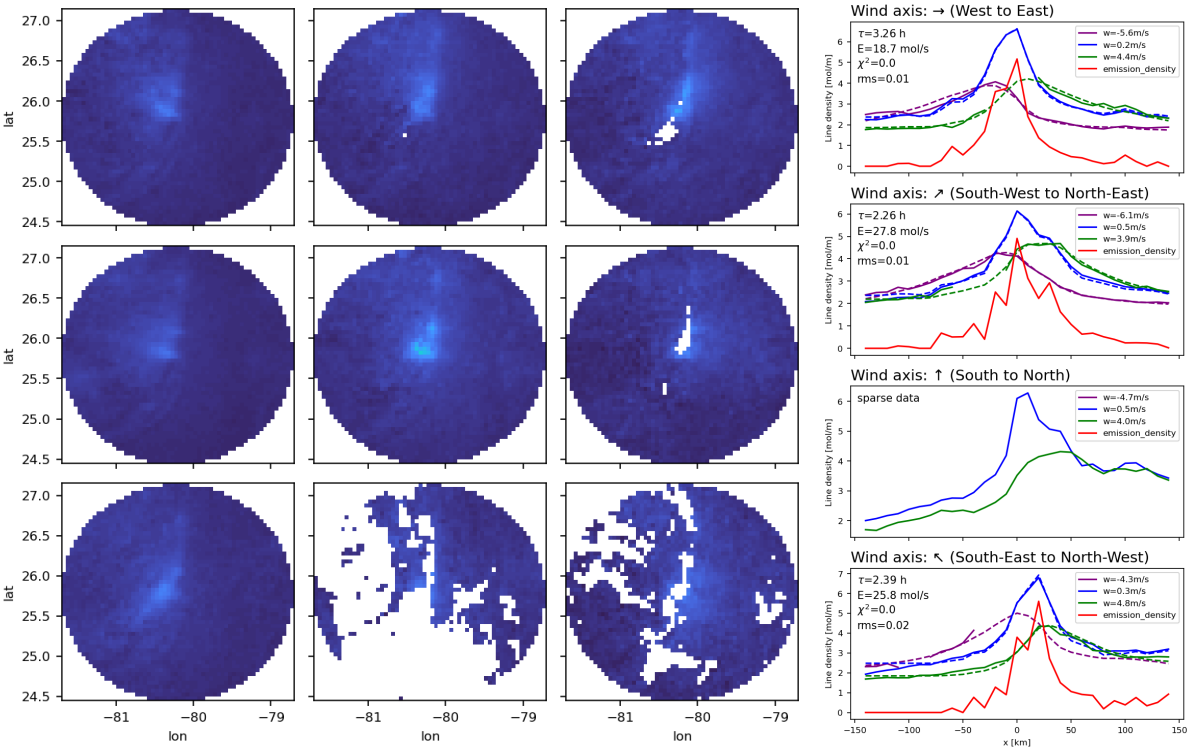
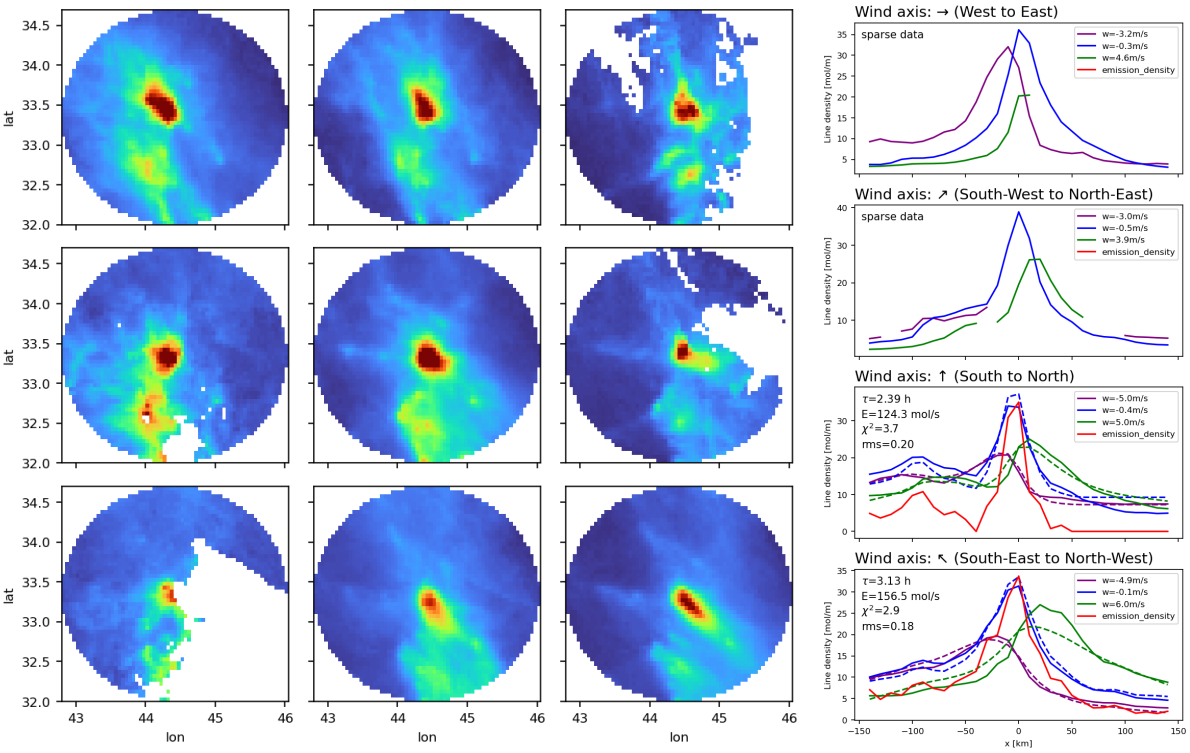


19.4 Autumn

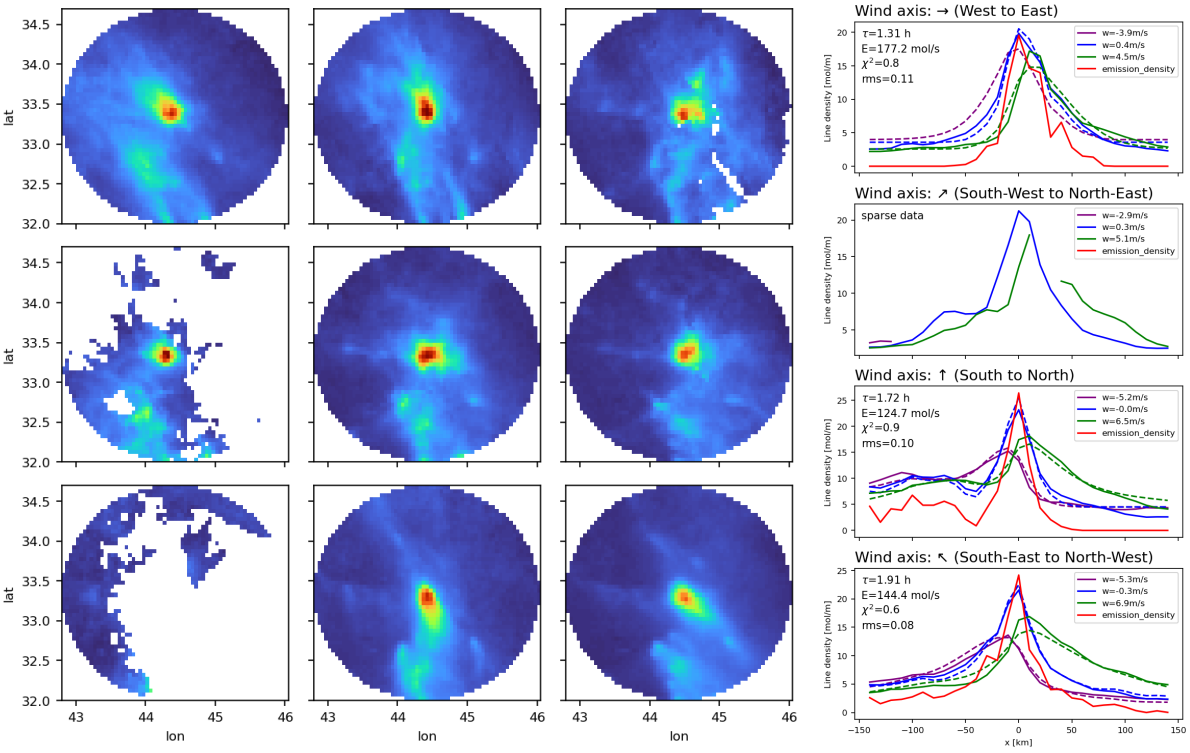


20 Baghdad

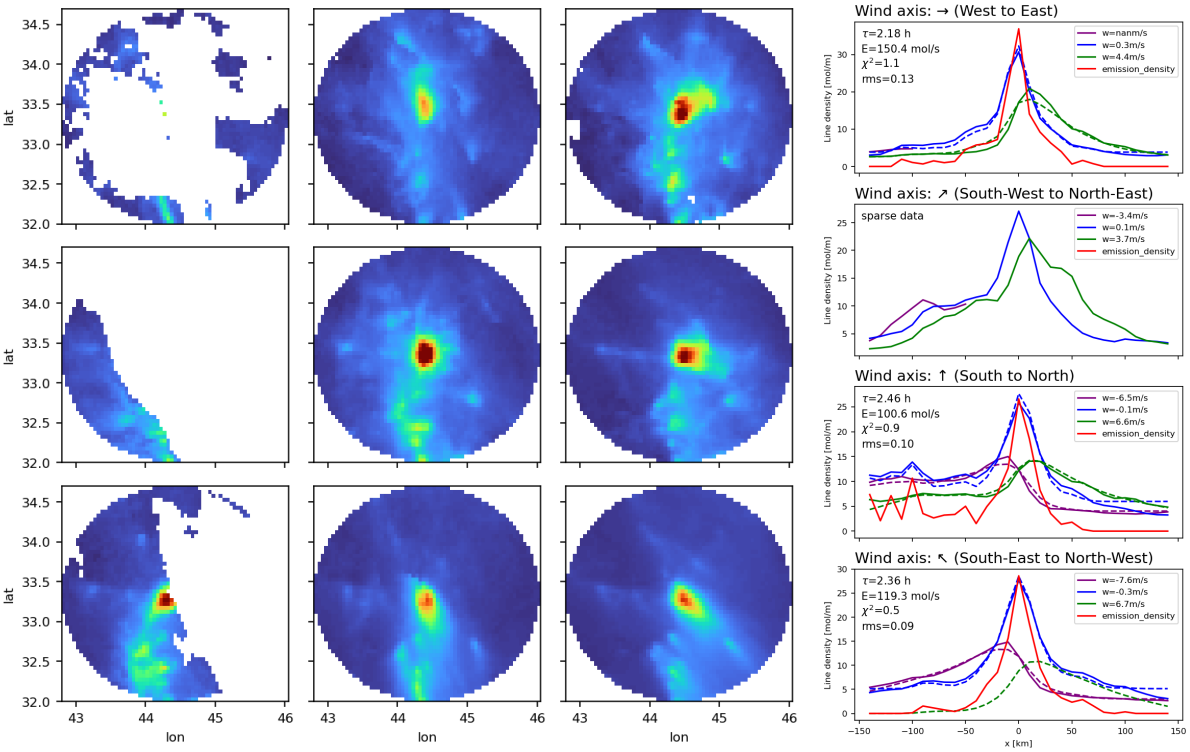
20.1 Winter



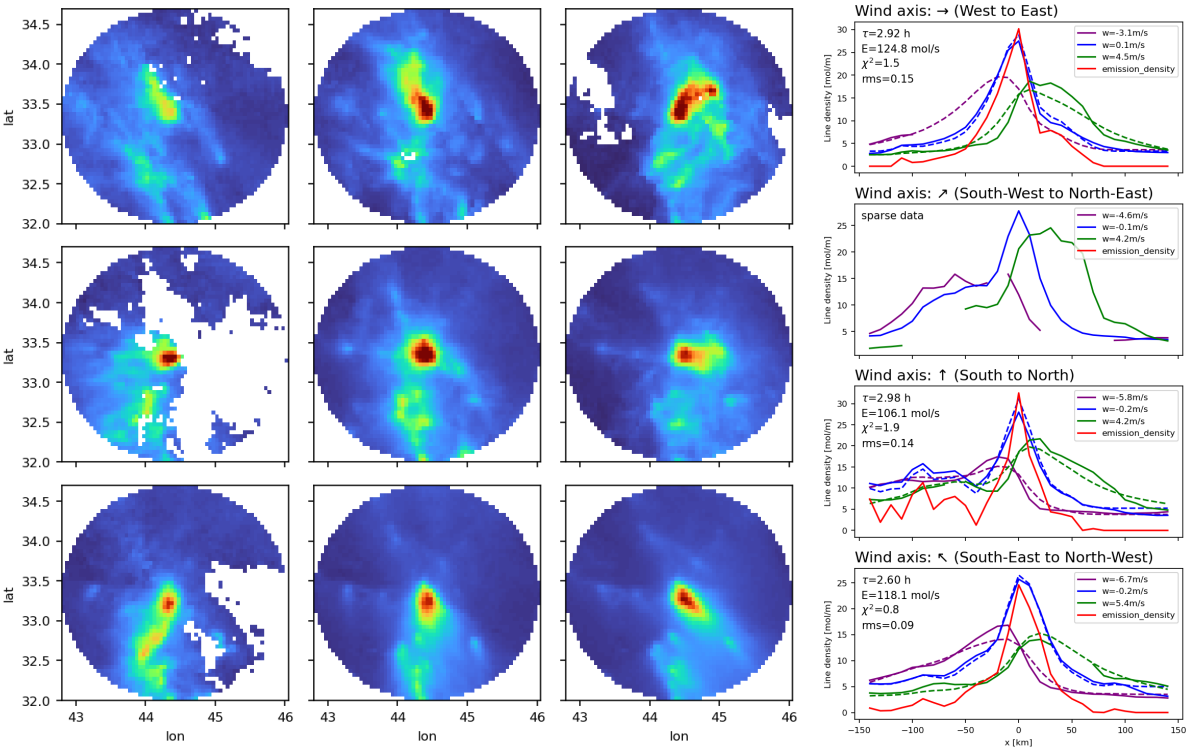
20.2 Spring



20.3 Summer

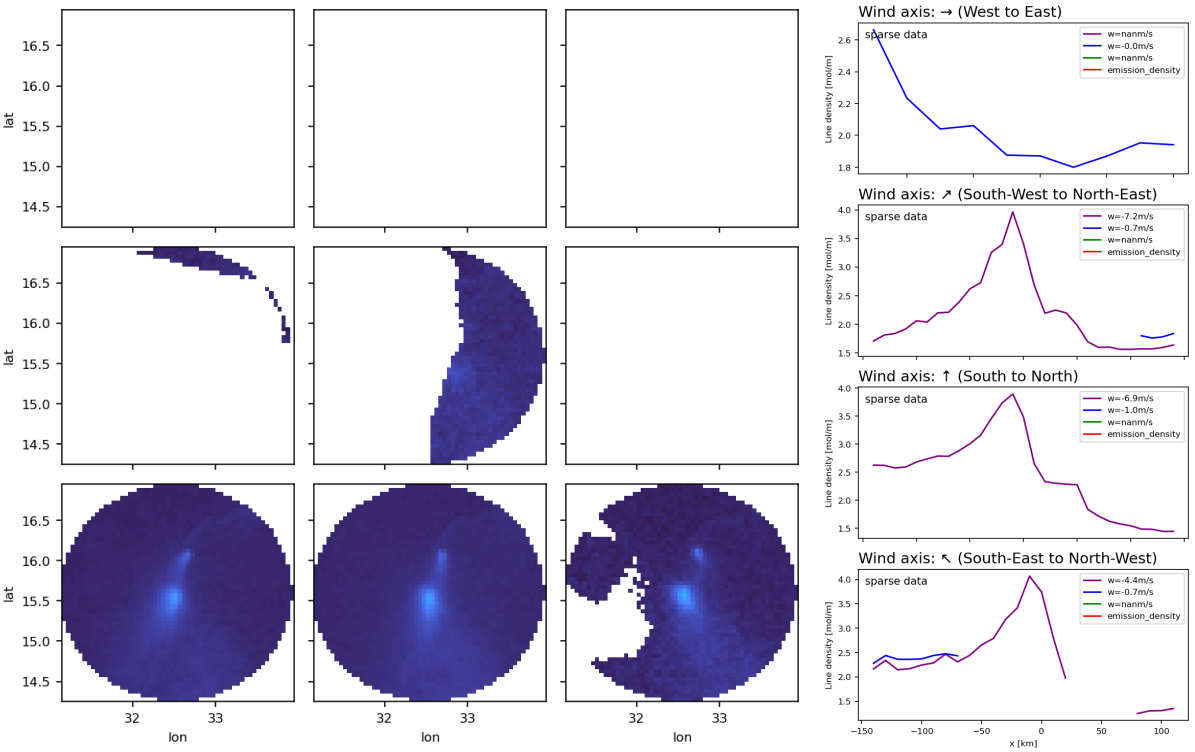


20.4 Autumn

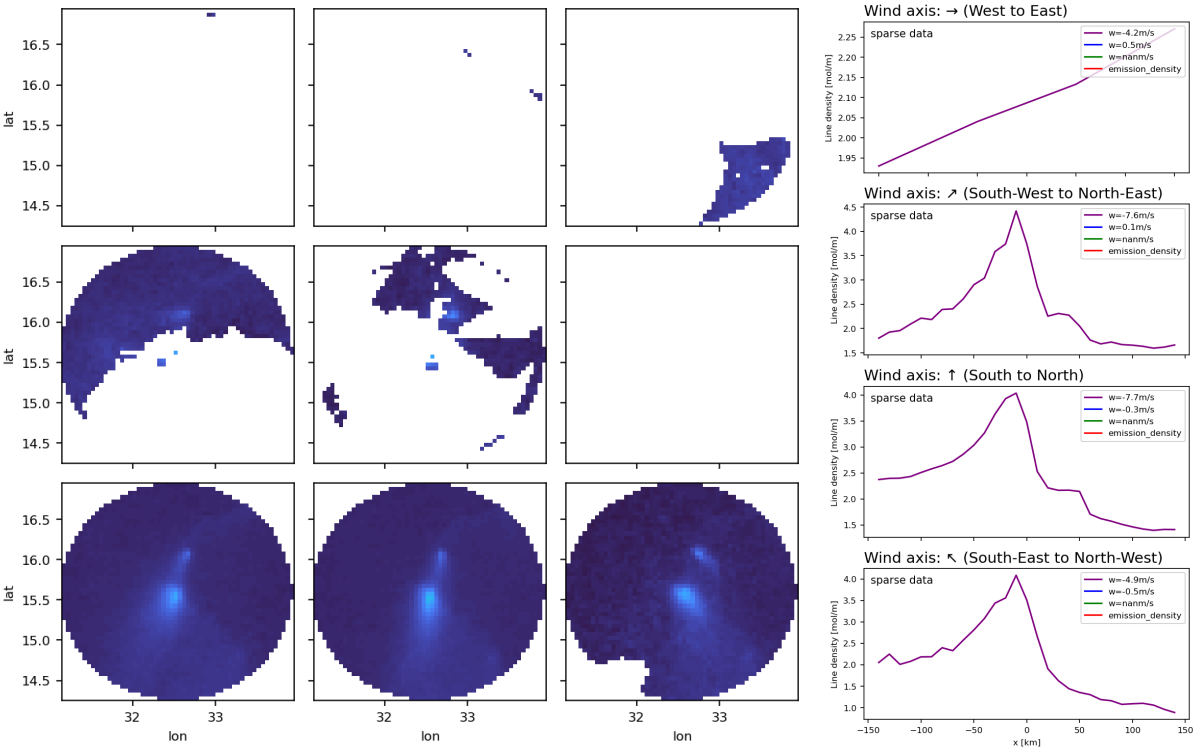


21 Khartoum

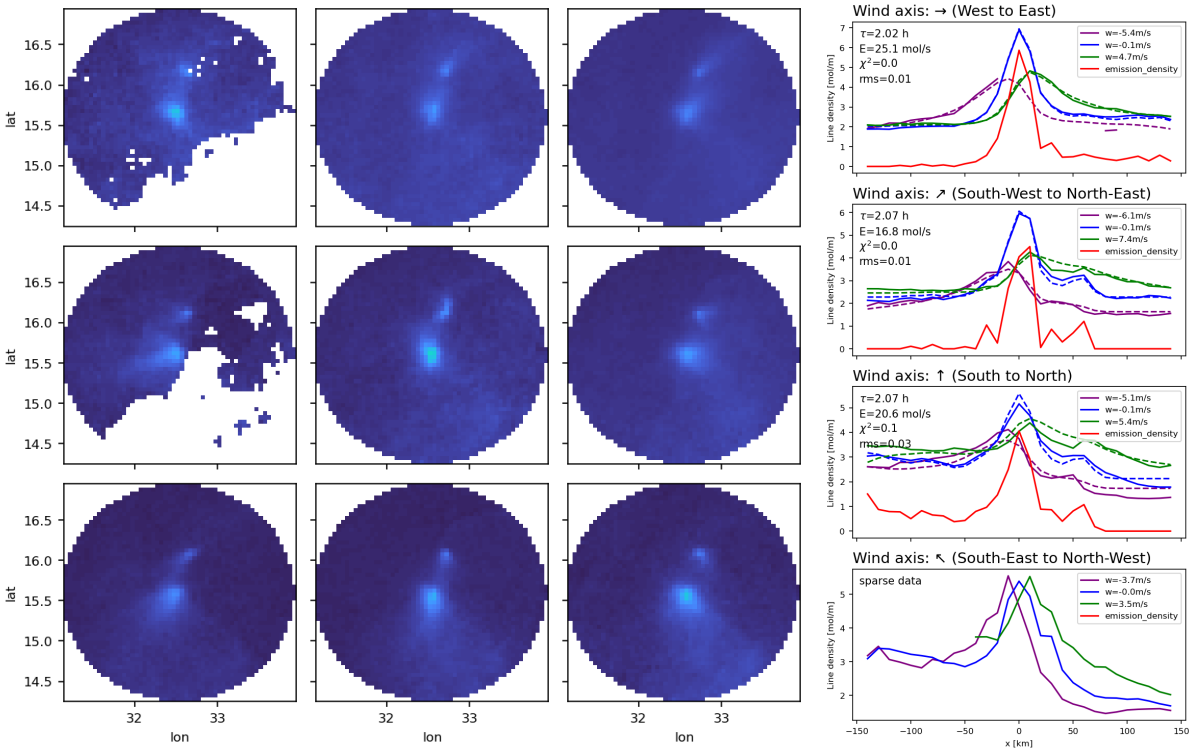
21.1 Winter



21.2 Spring



21.3 Summer



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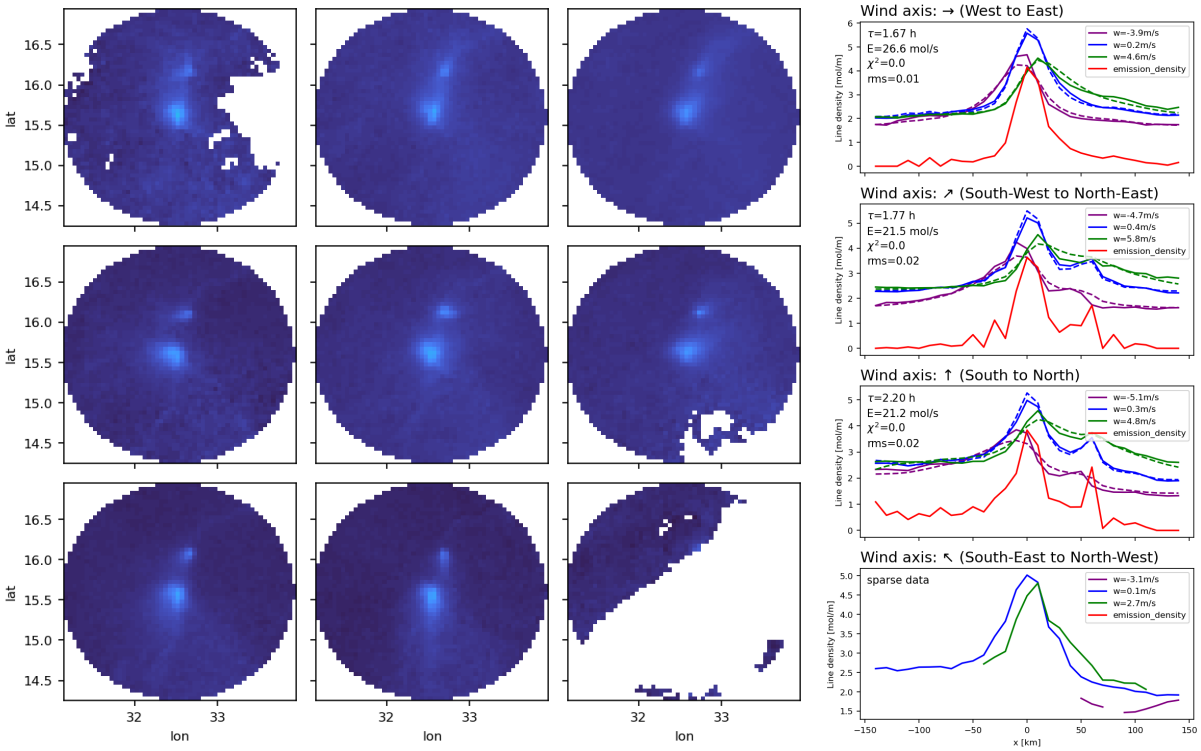
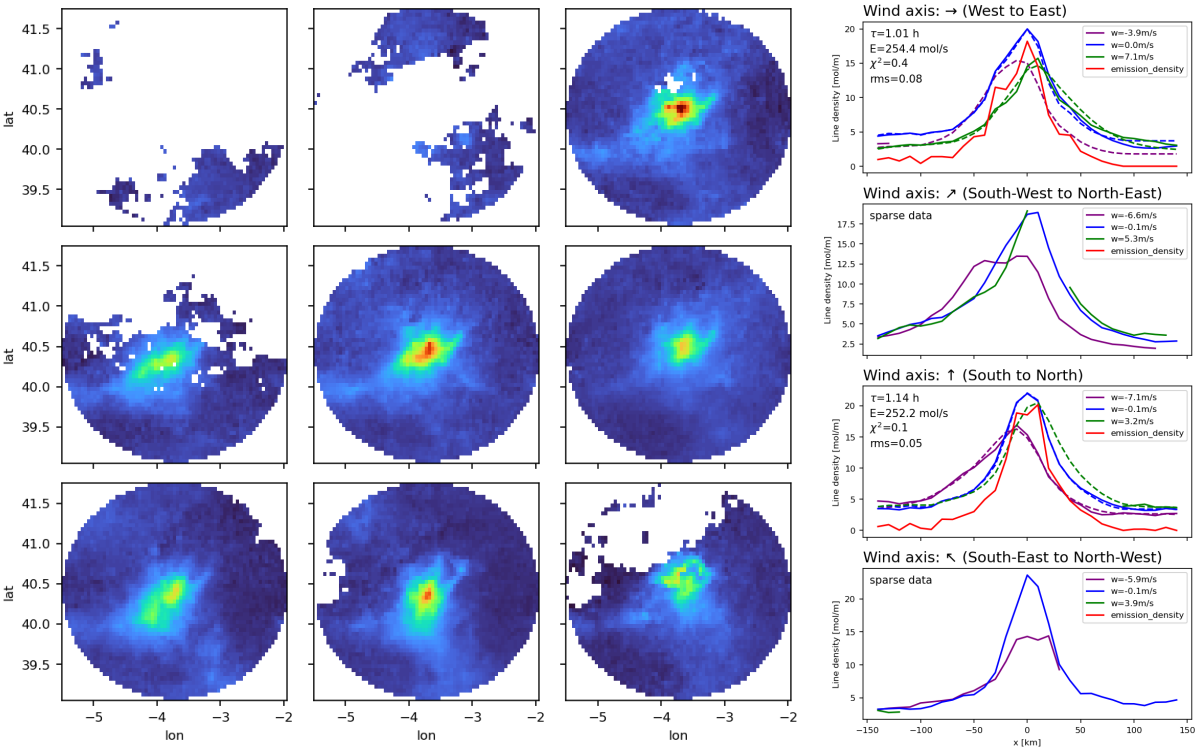
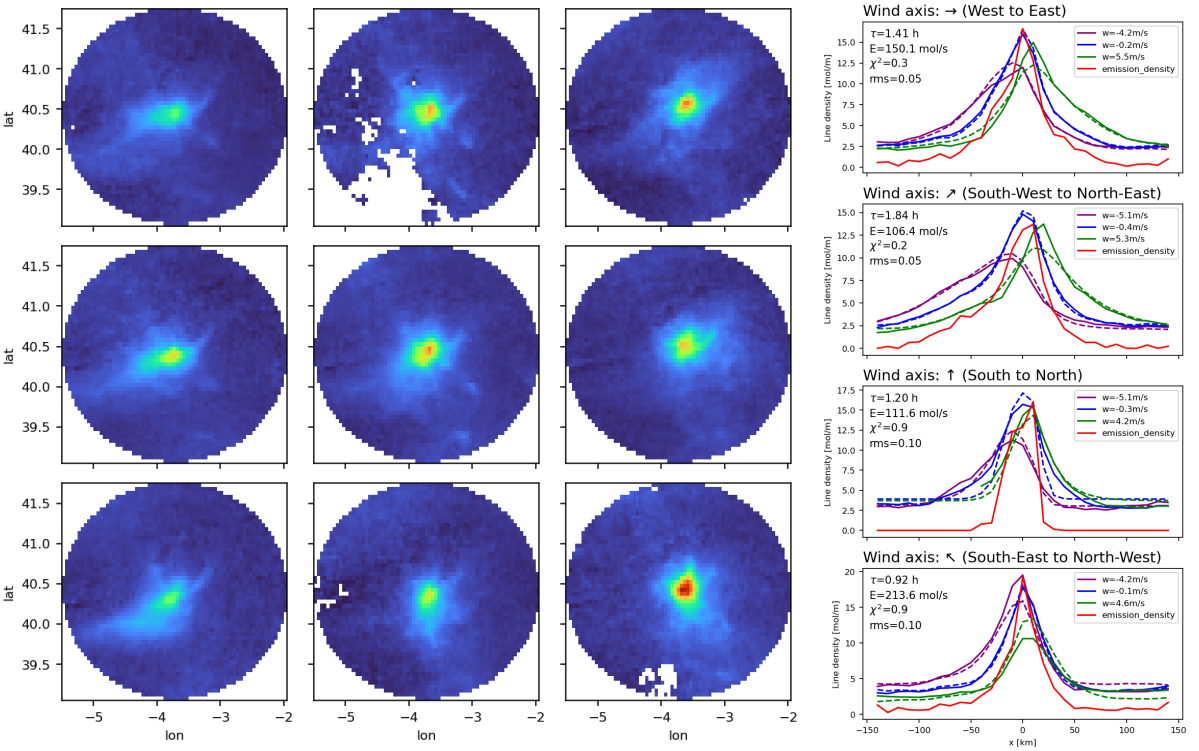


22 Madrid

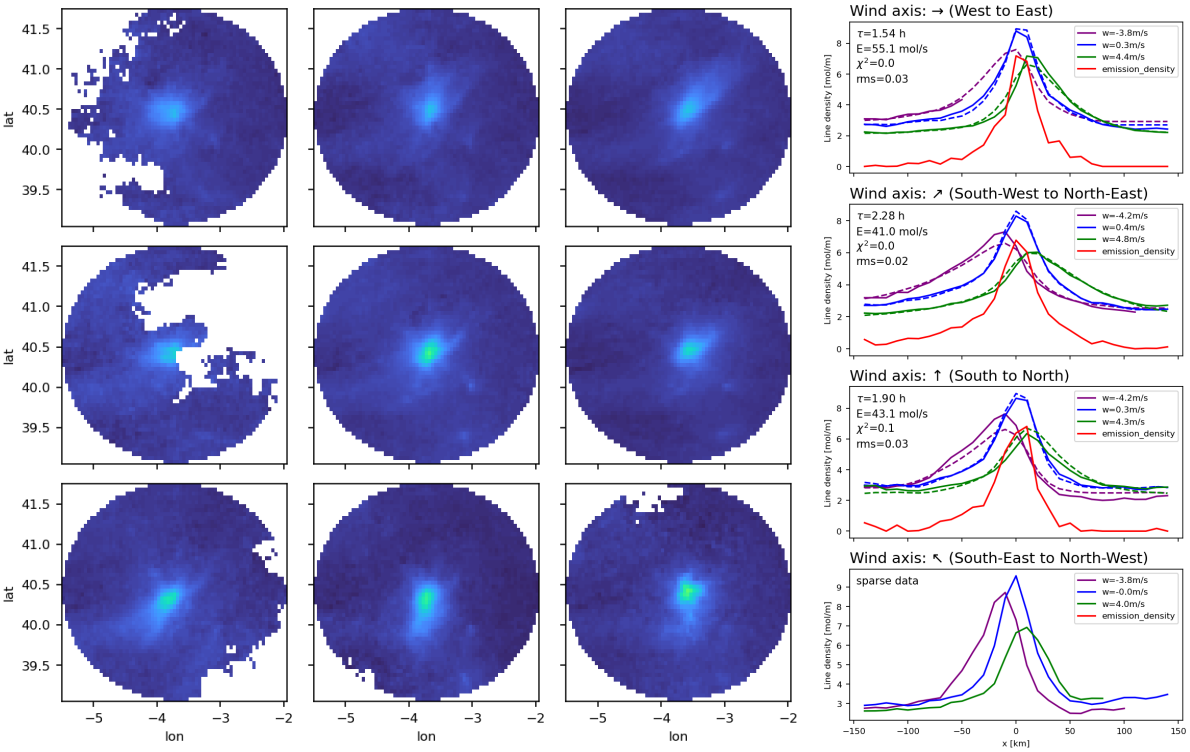
22.1 Winter



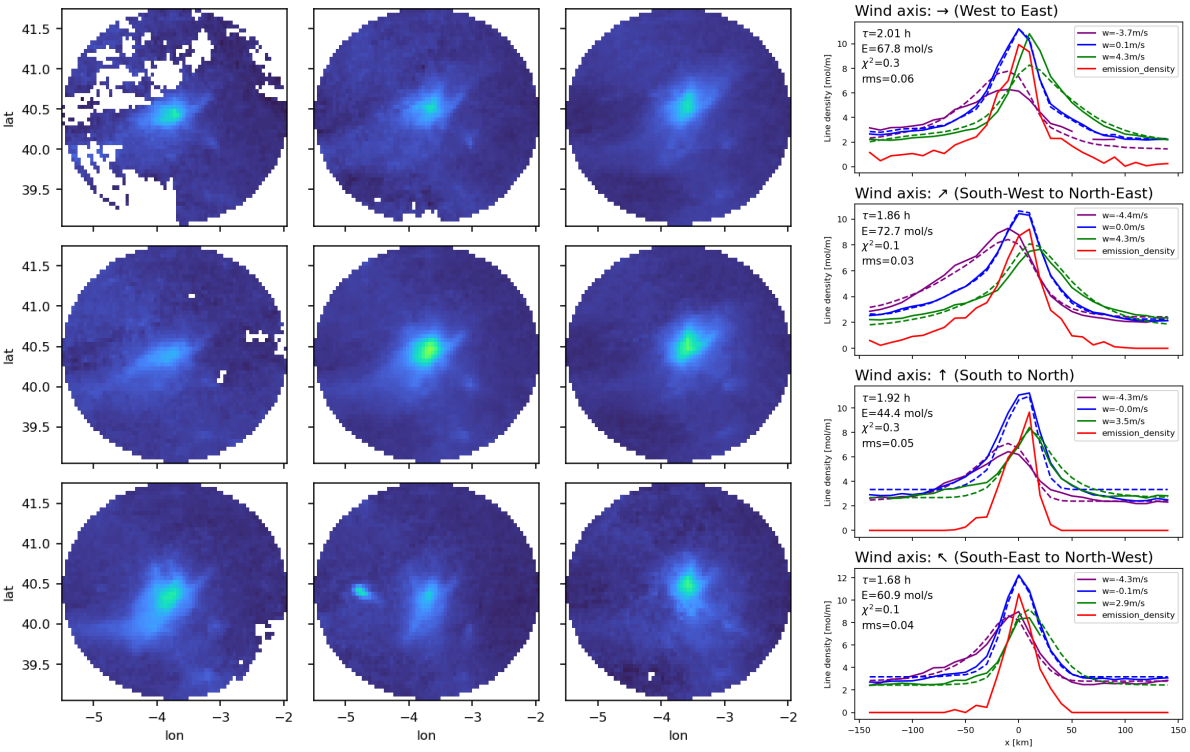
22.2 Spring



22.3 Summer

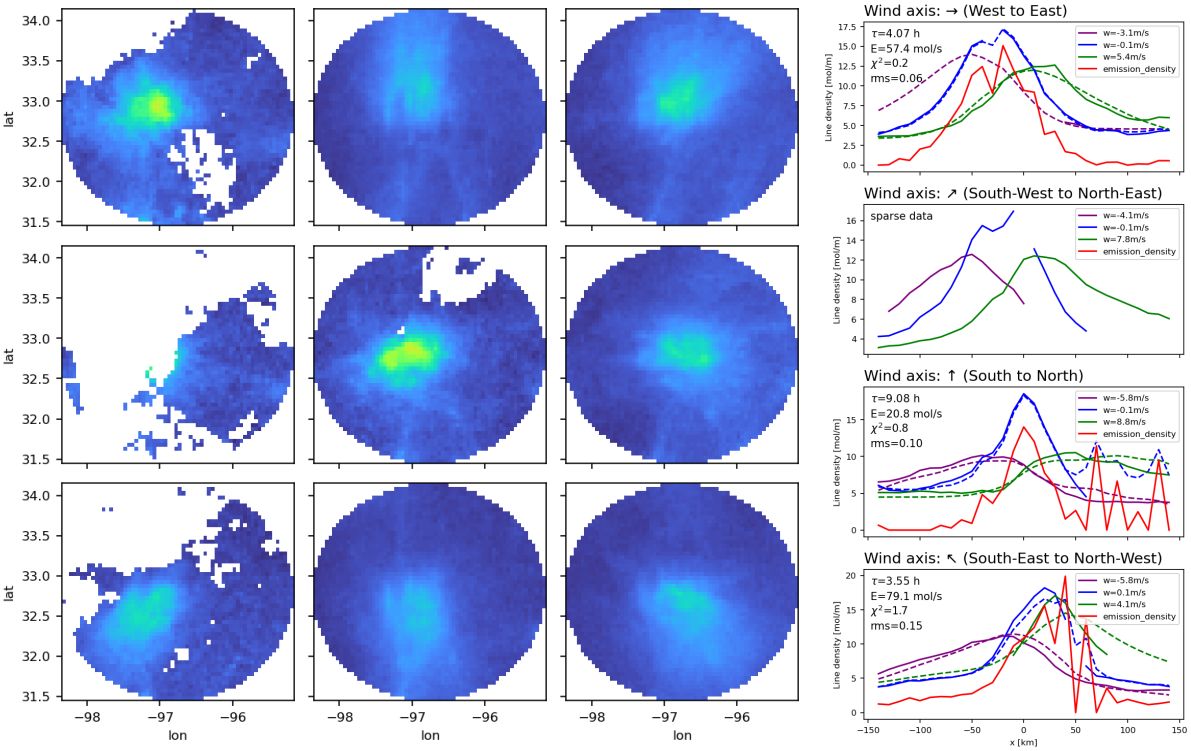


22.4 Autumn

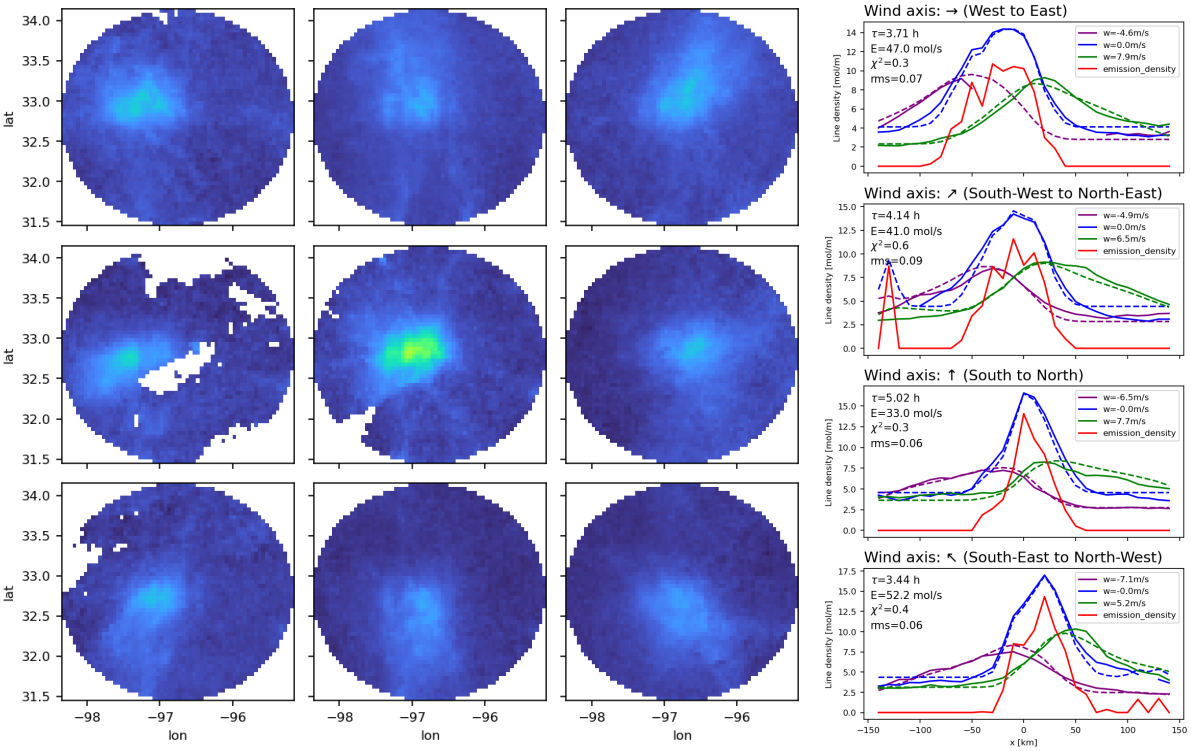


23 Dallas

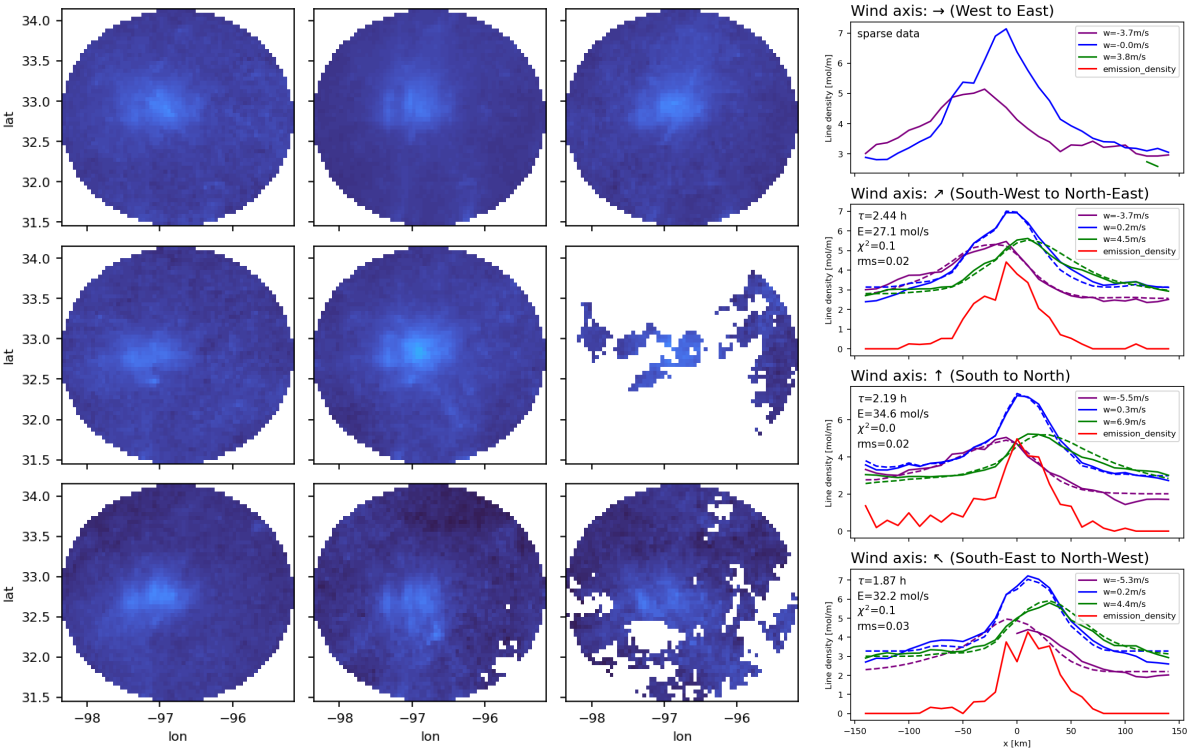
23.1 Winter



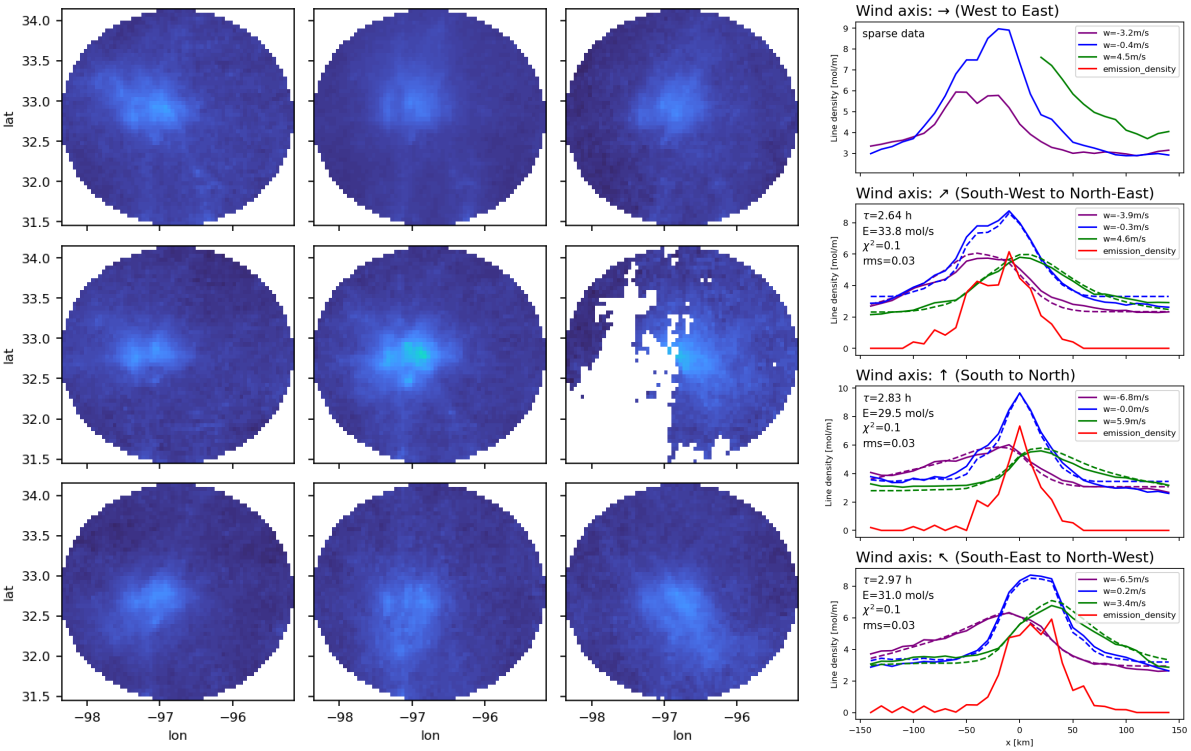
23.2 Spring



23.3 Summer

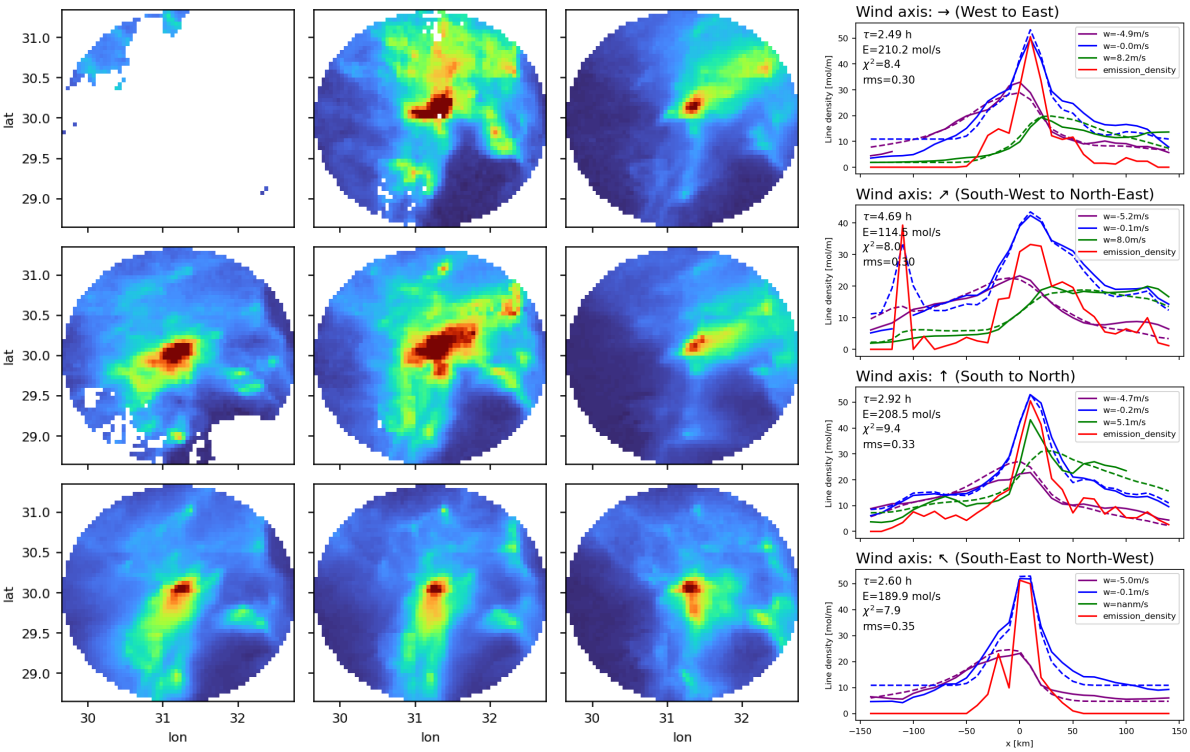


23.4 Autumn

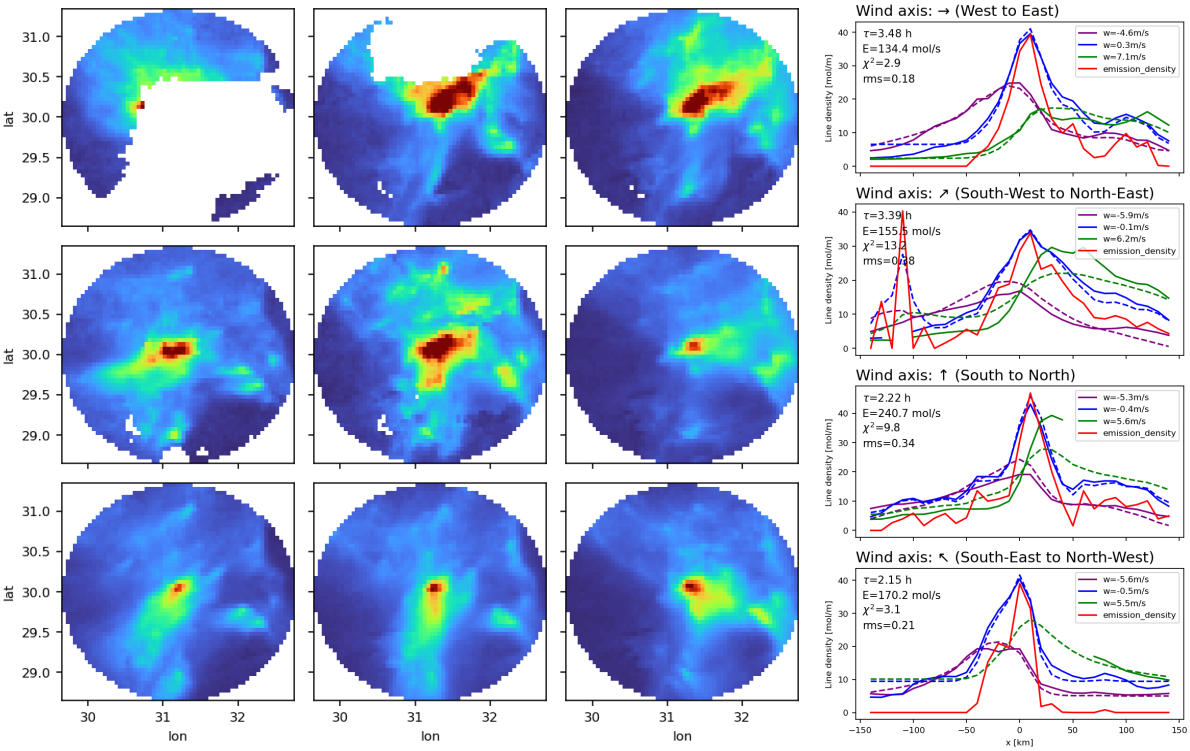


24 Giza

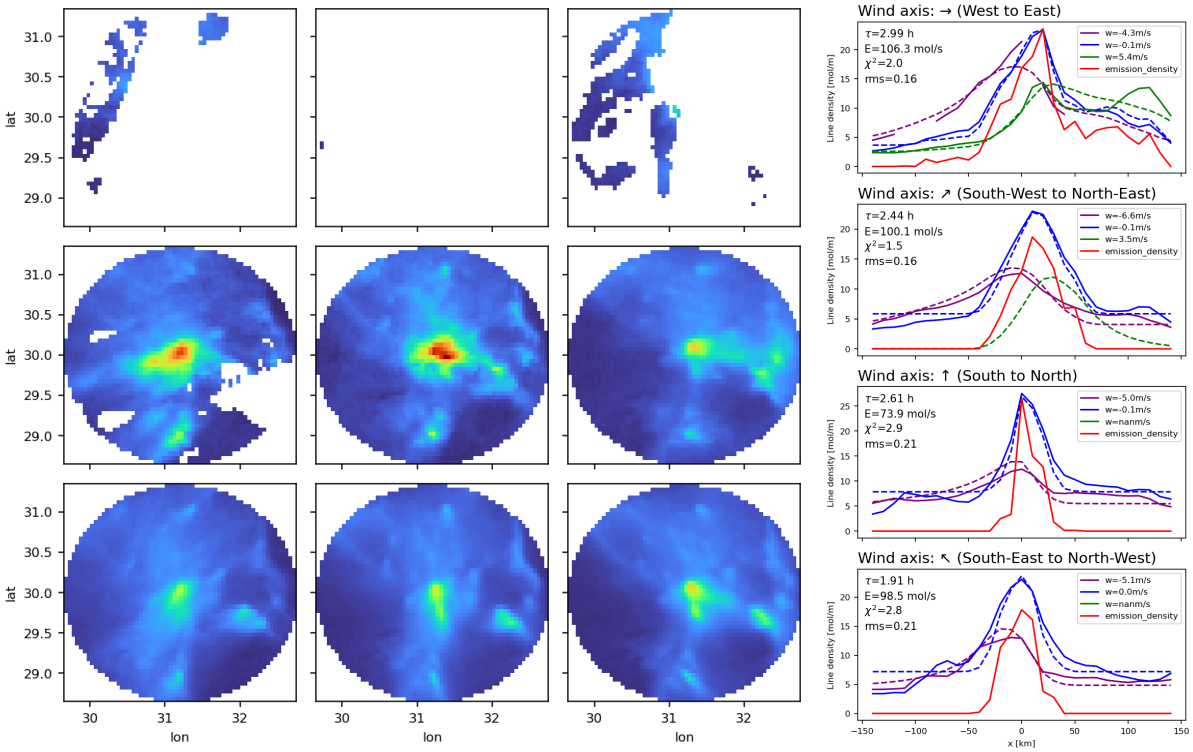
24.1 Winter



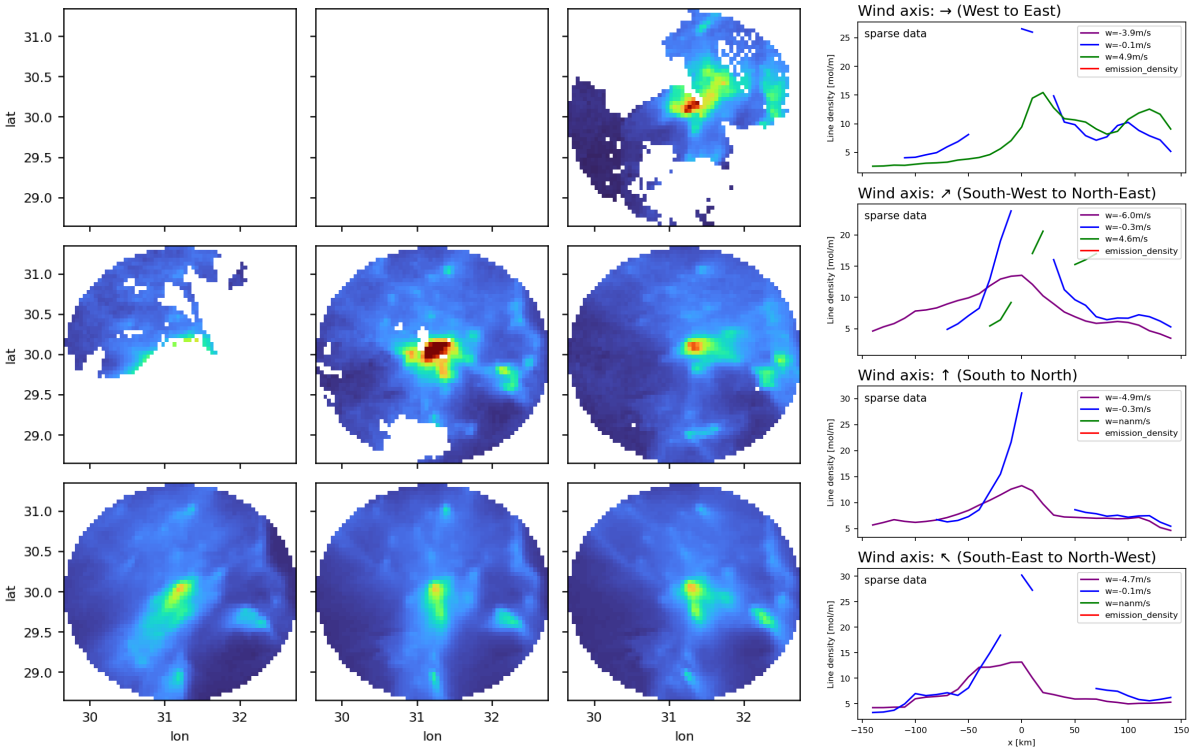
24.2 Spring



24.3 Summer

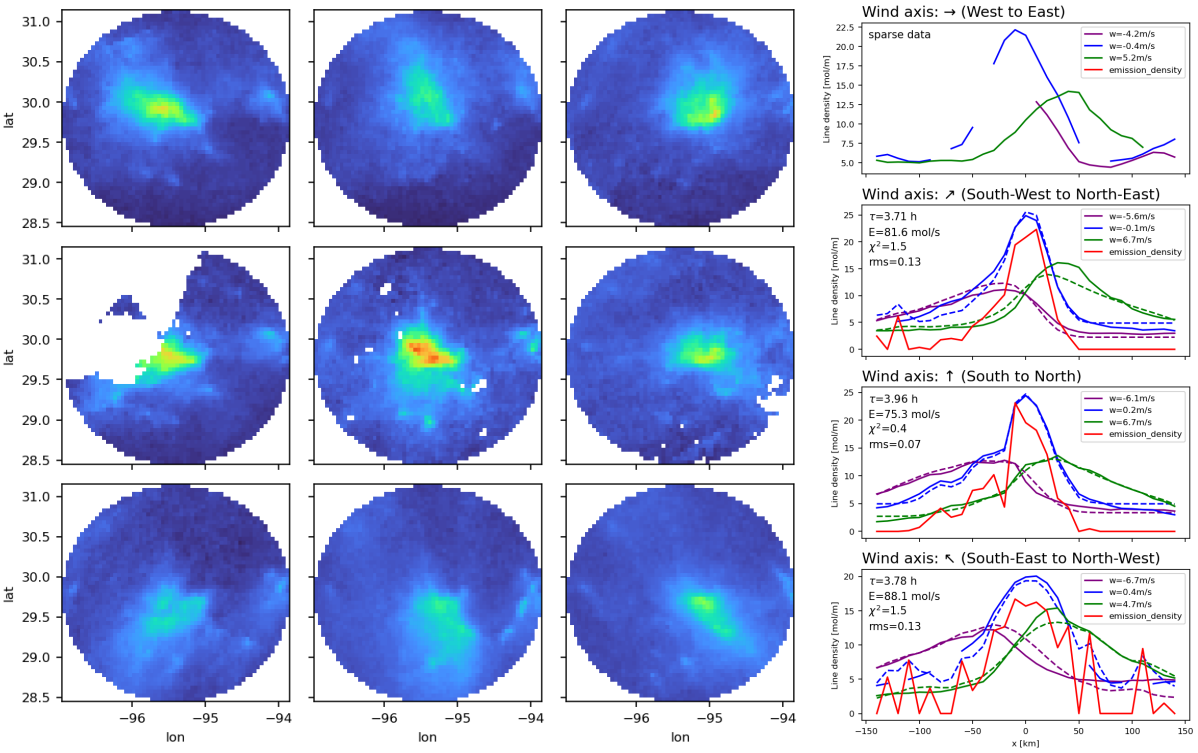


24.4 Autumn

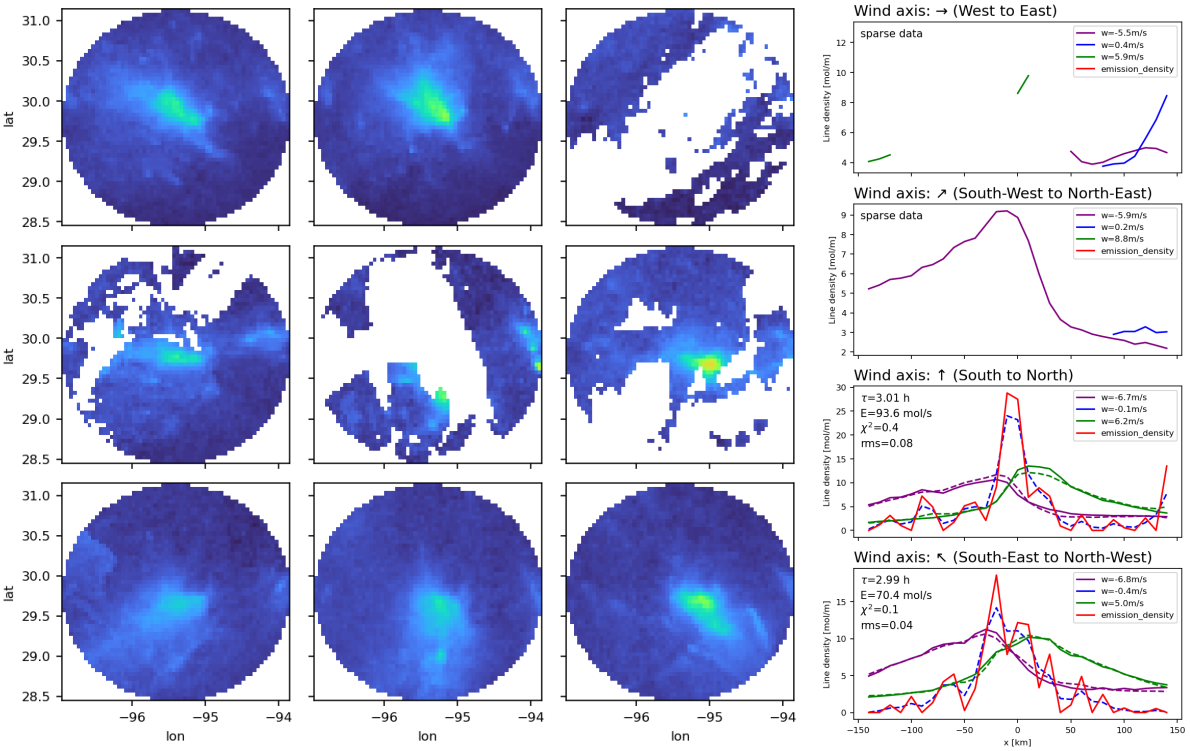


25 Houston

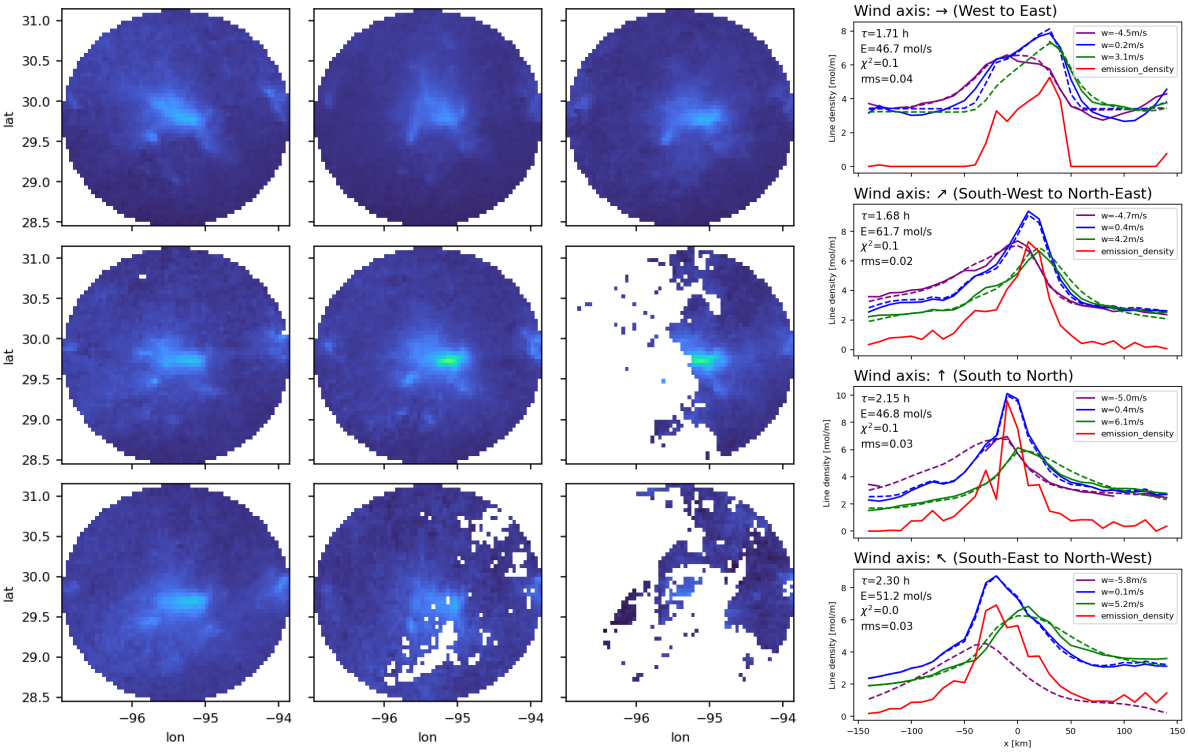
25.1 Winter



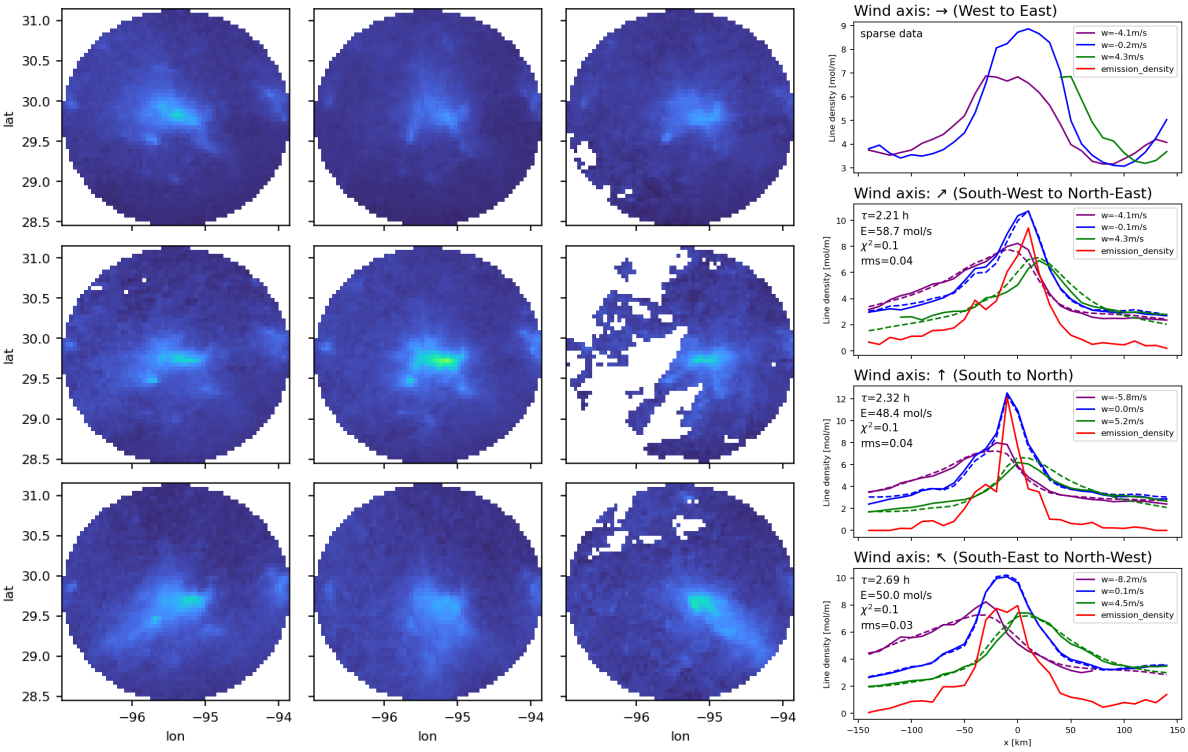
25.2 Spring



25.3 Summer

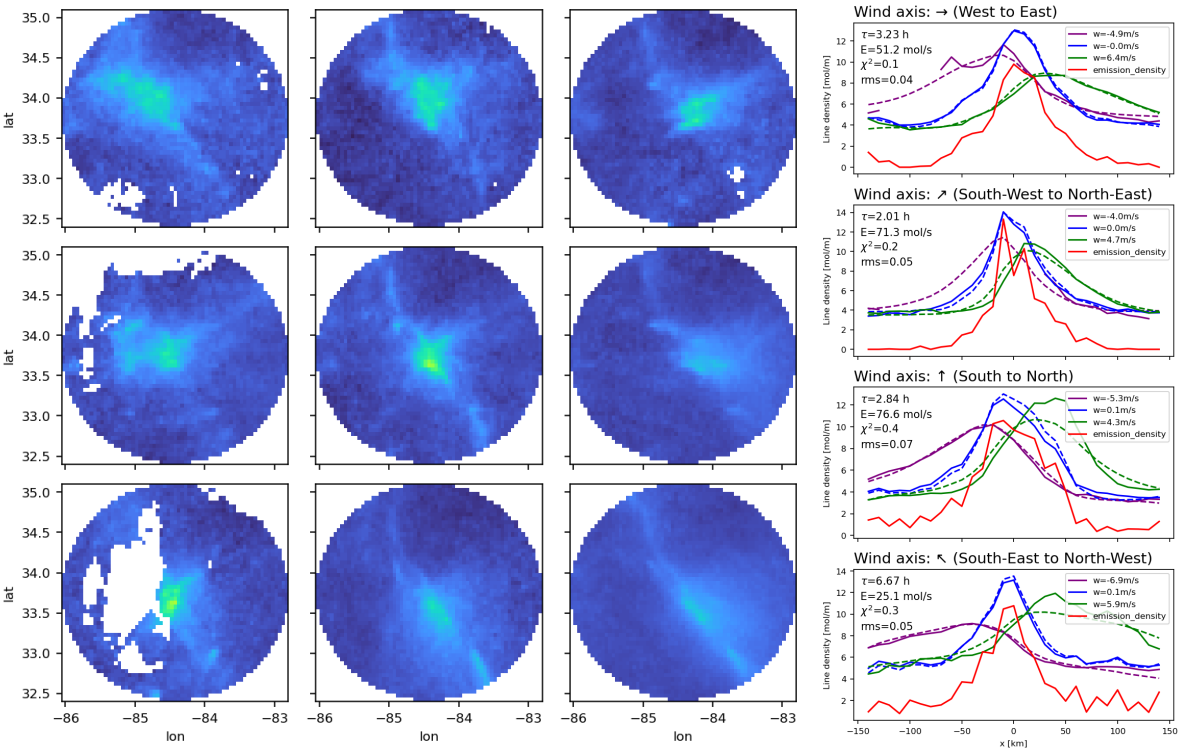


25.4 Autumn

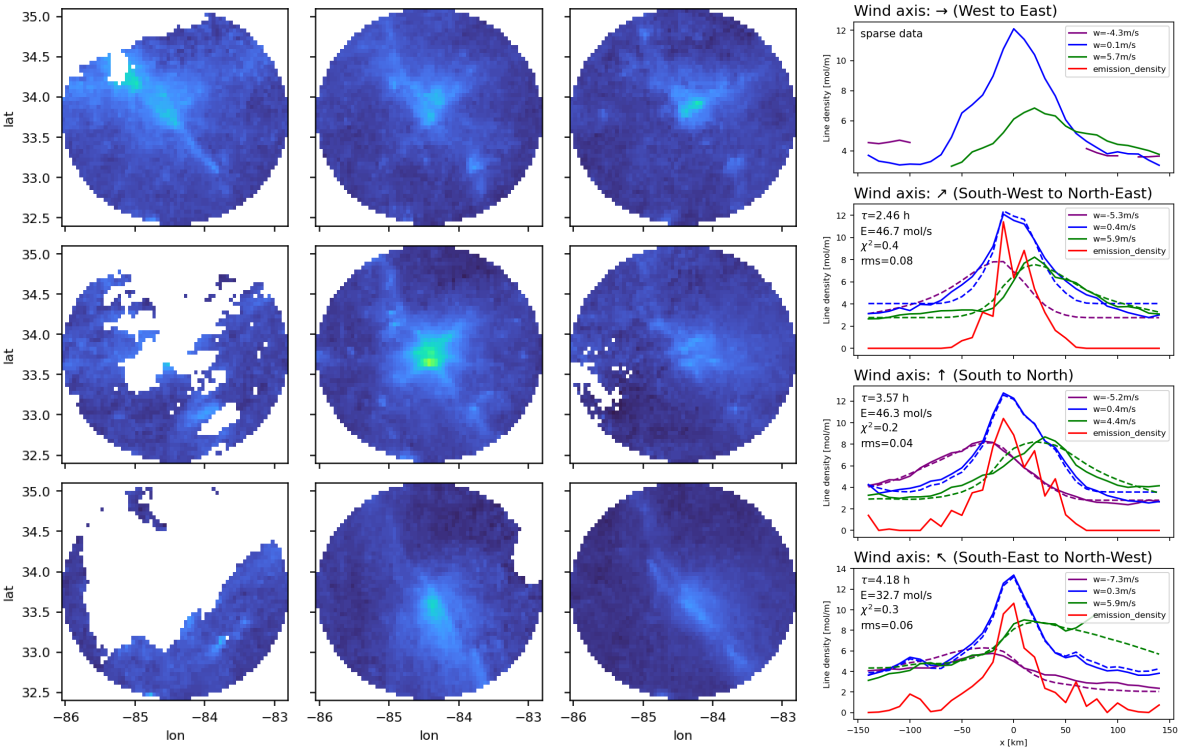


26 Atlanta

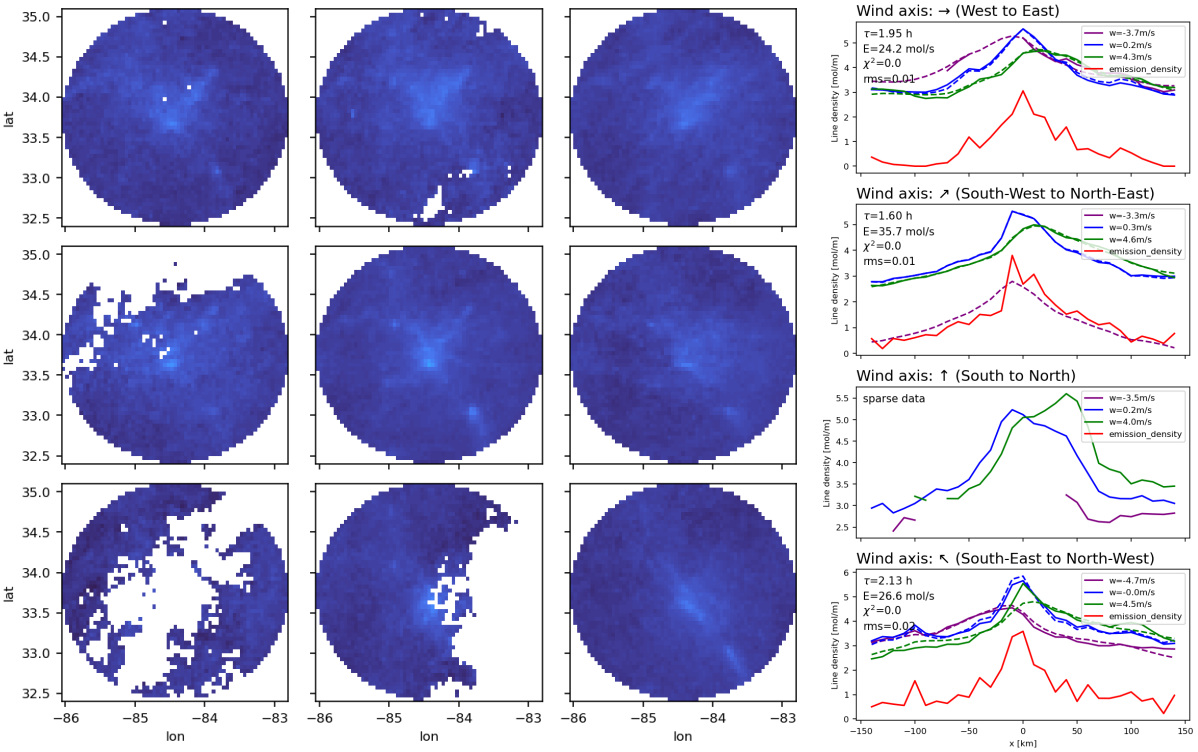
26.1 Winter



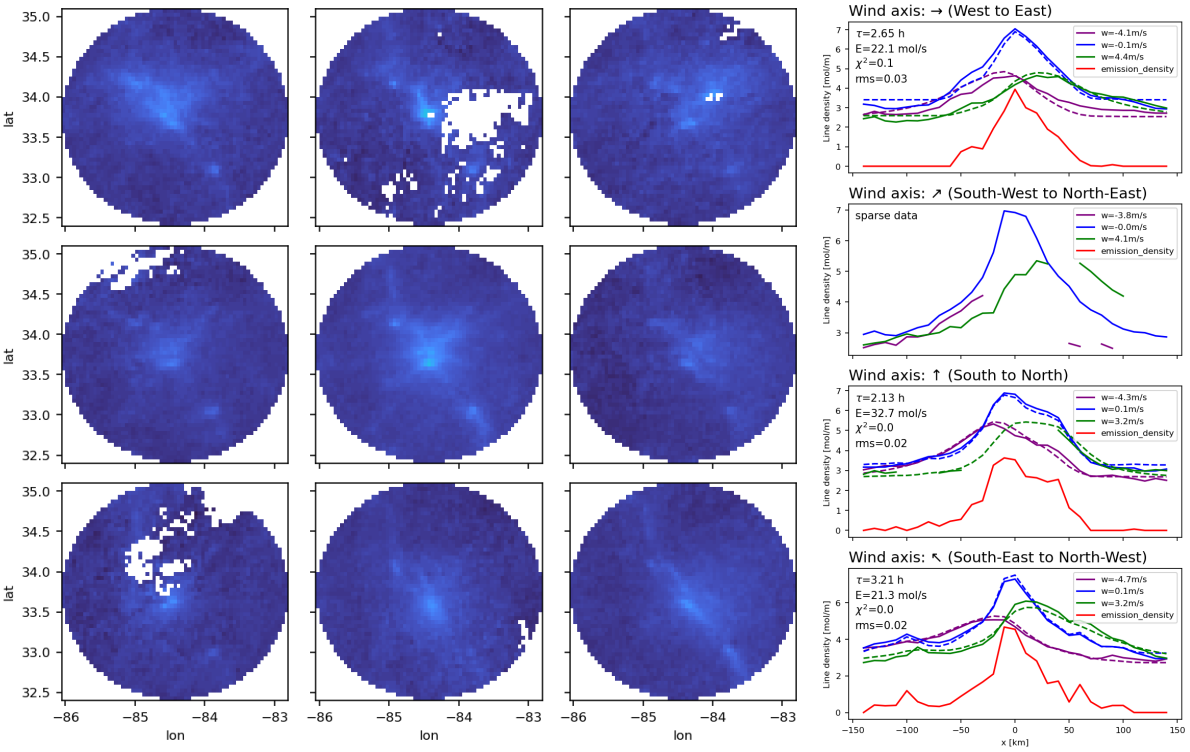
26.2 Spring



26.3 Summer

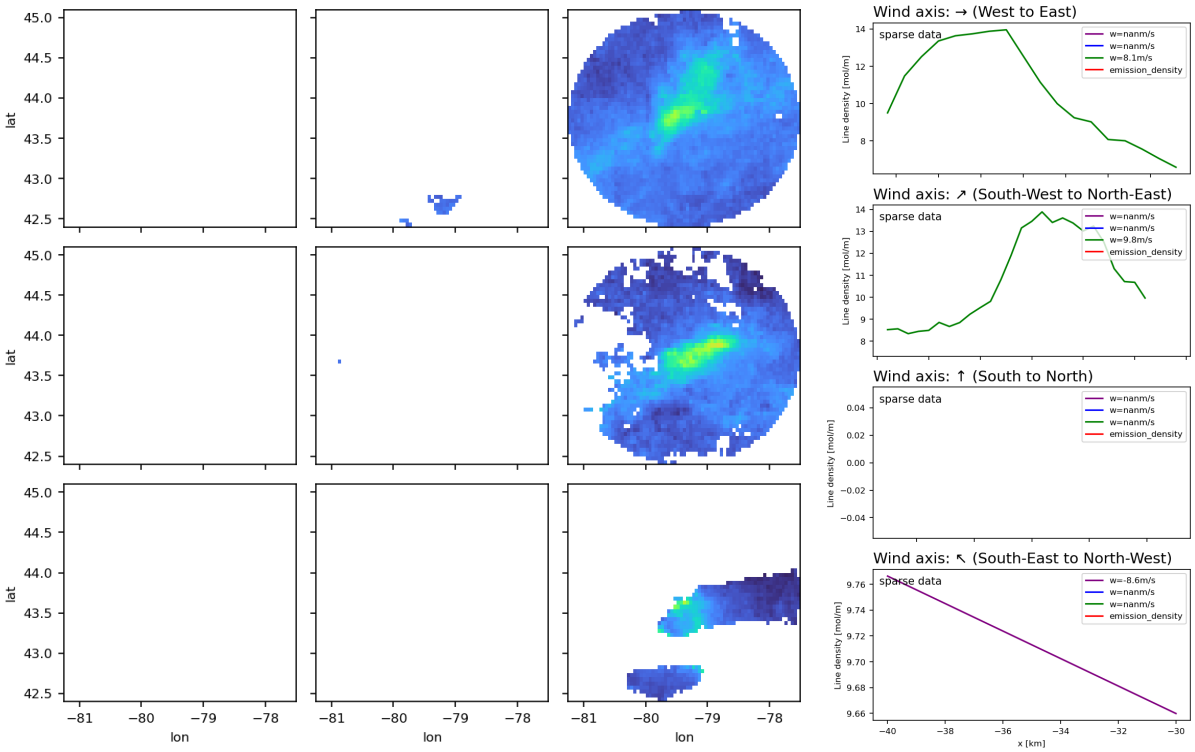


26.4 Autumn

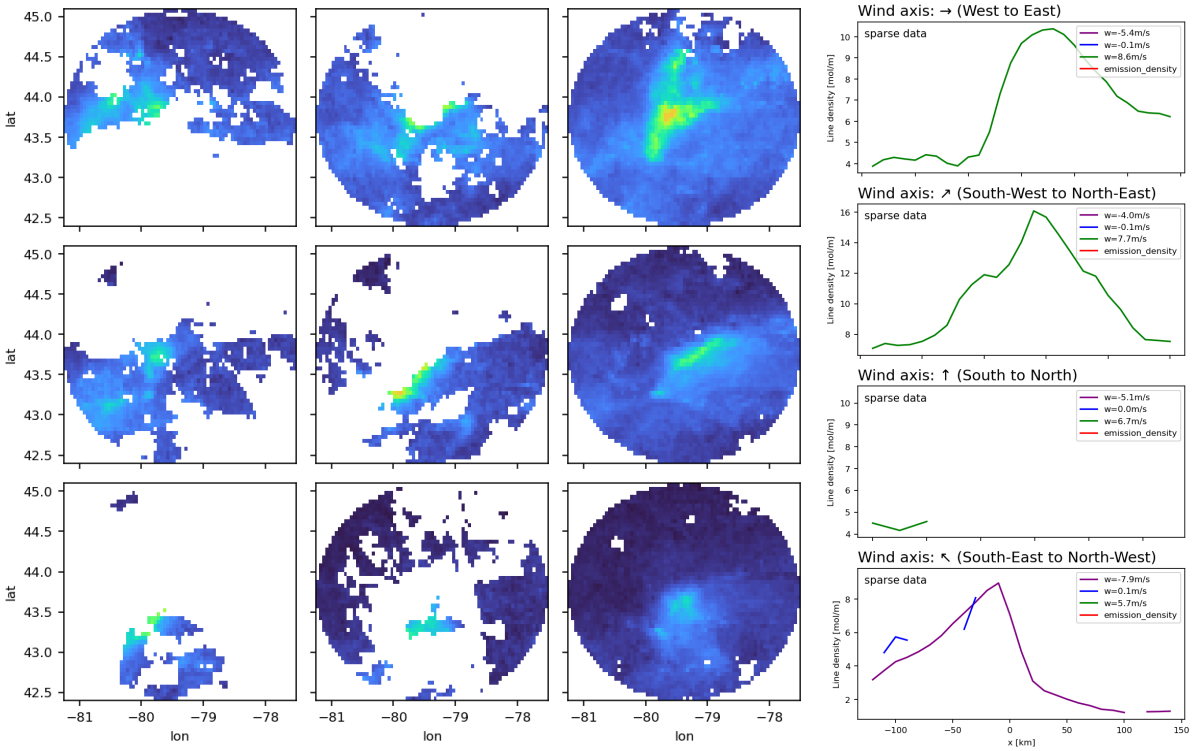


27 Toronto

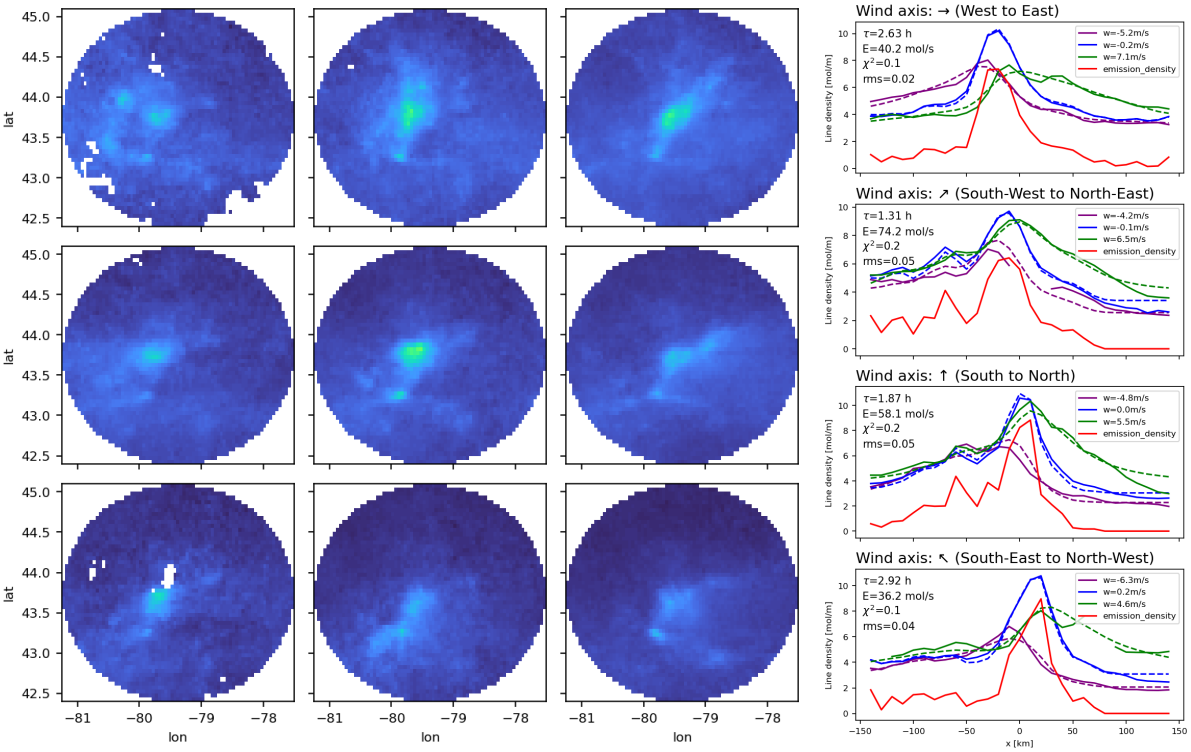
27.1 Winter



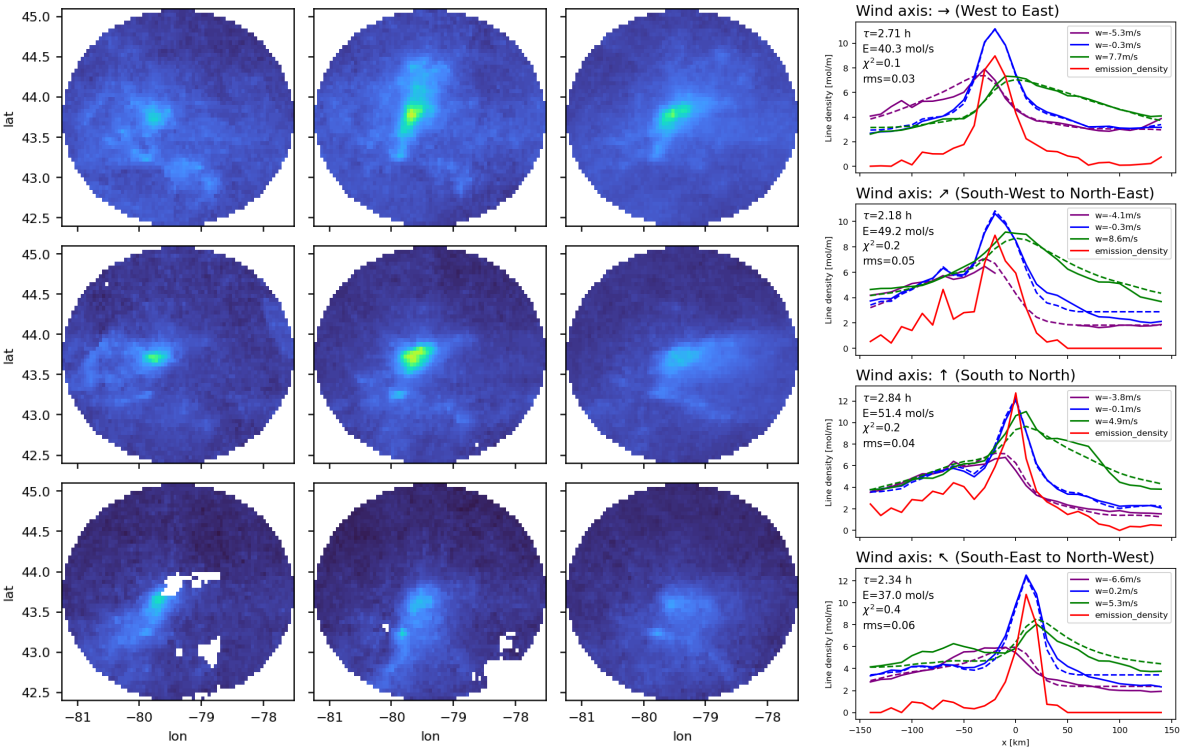
27.2 Spring



27.3 Summer

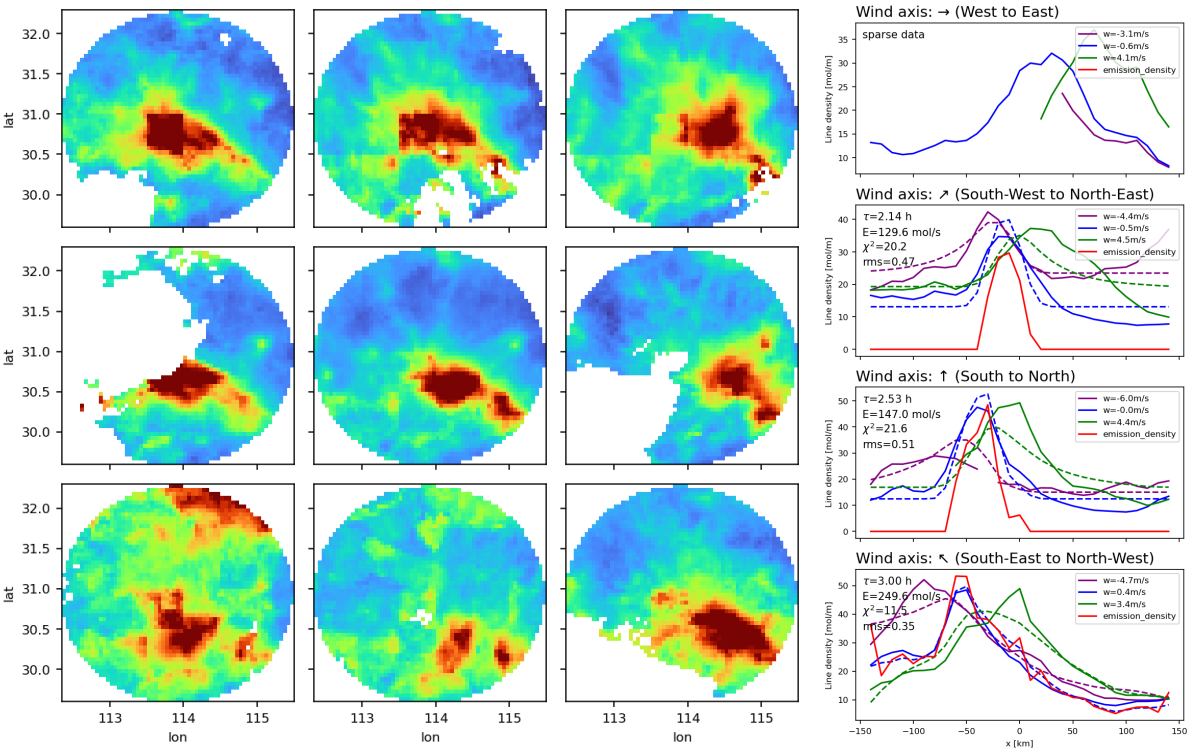


27.4 Autumn

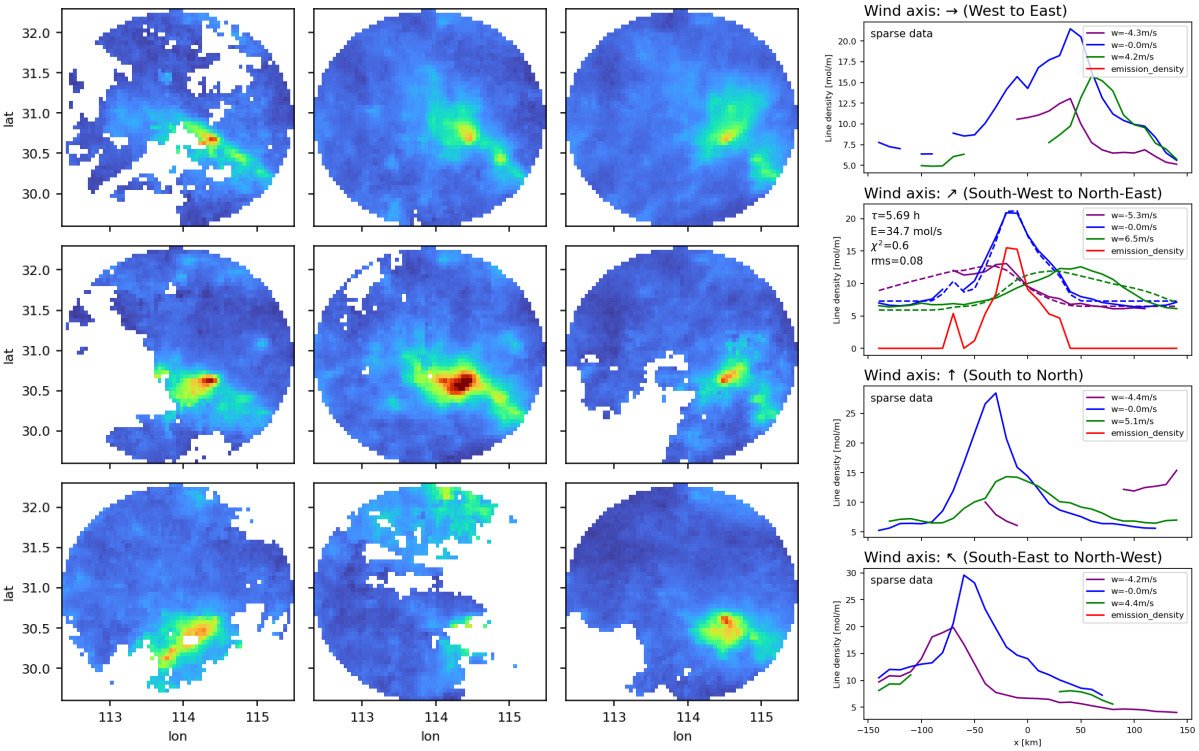


28 Xiaoganzhan

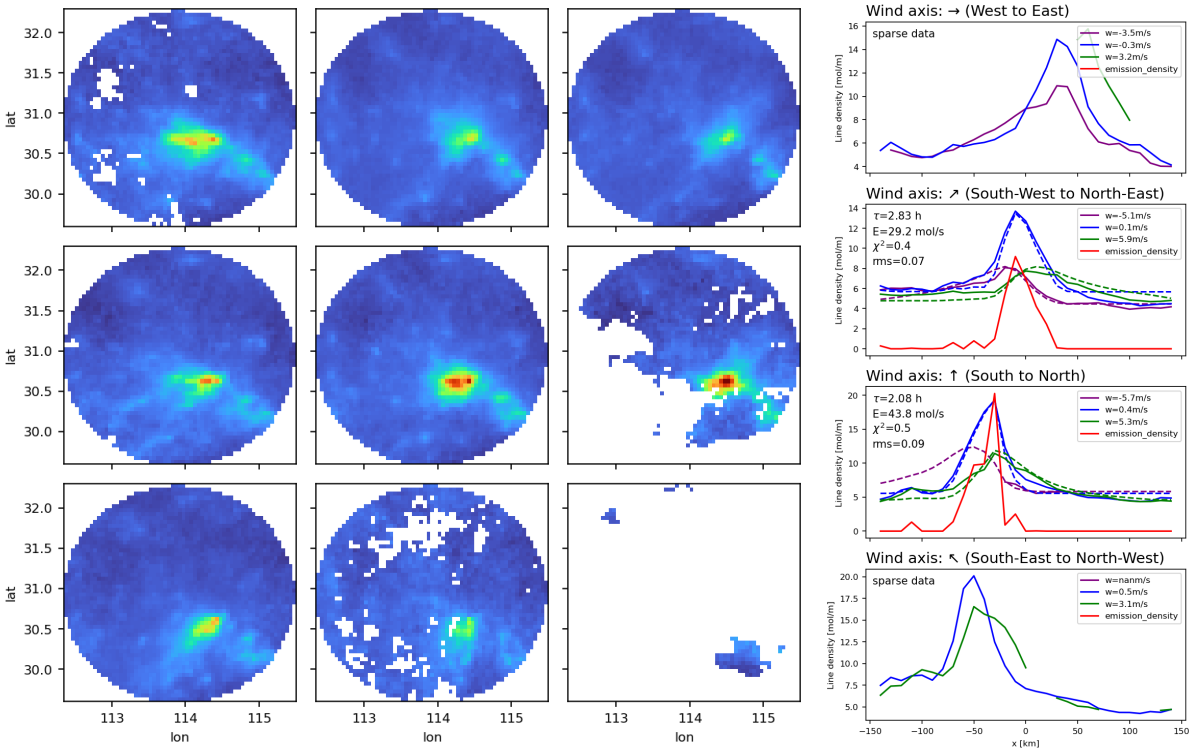
28.1 Winter



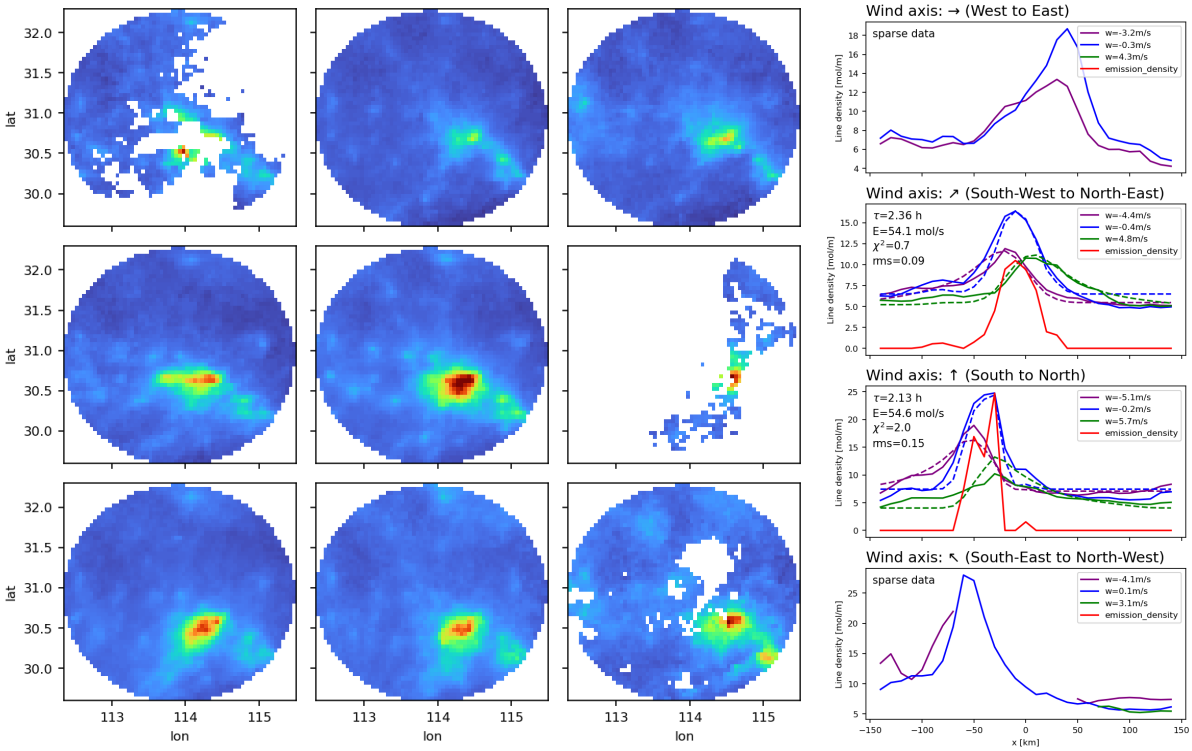
28.2 Spring



28.3 Summer

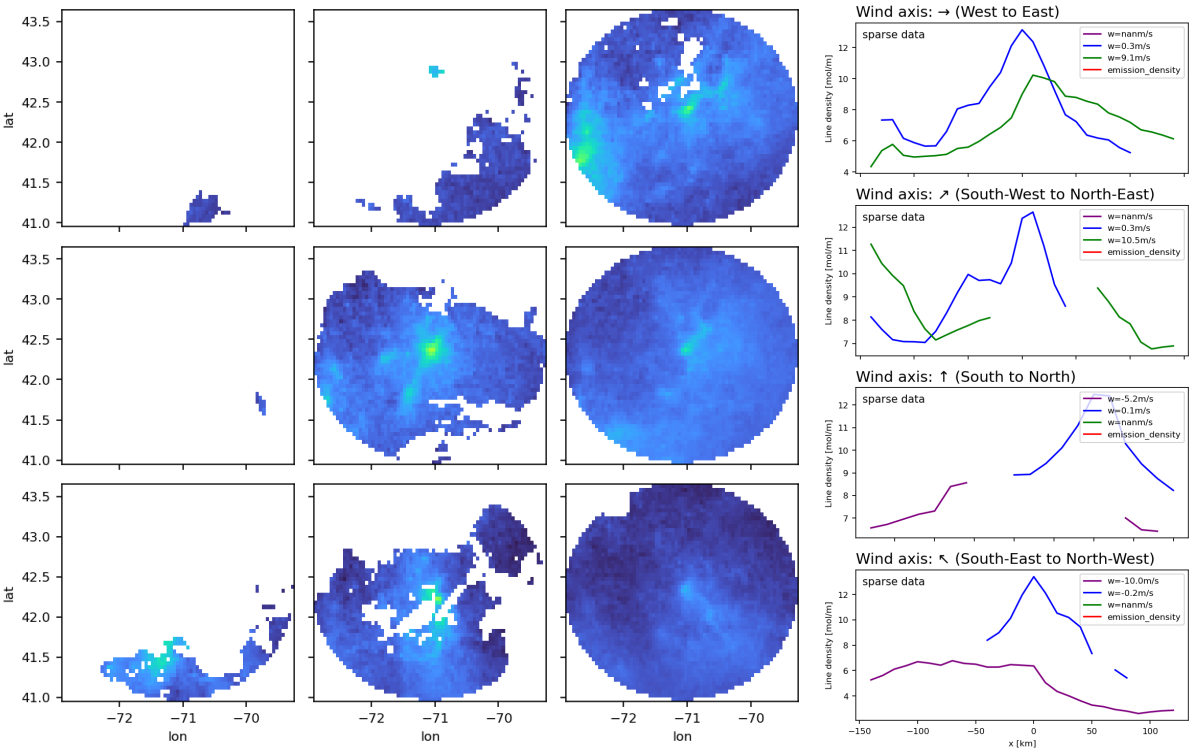


28.4 Autumn

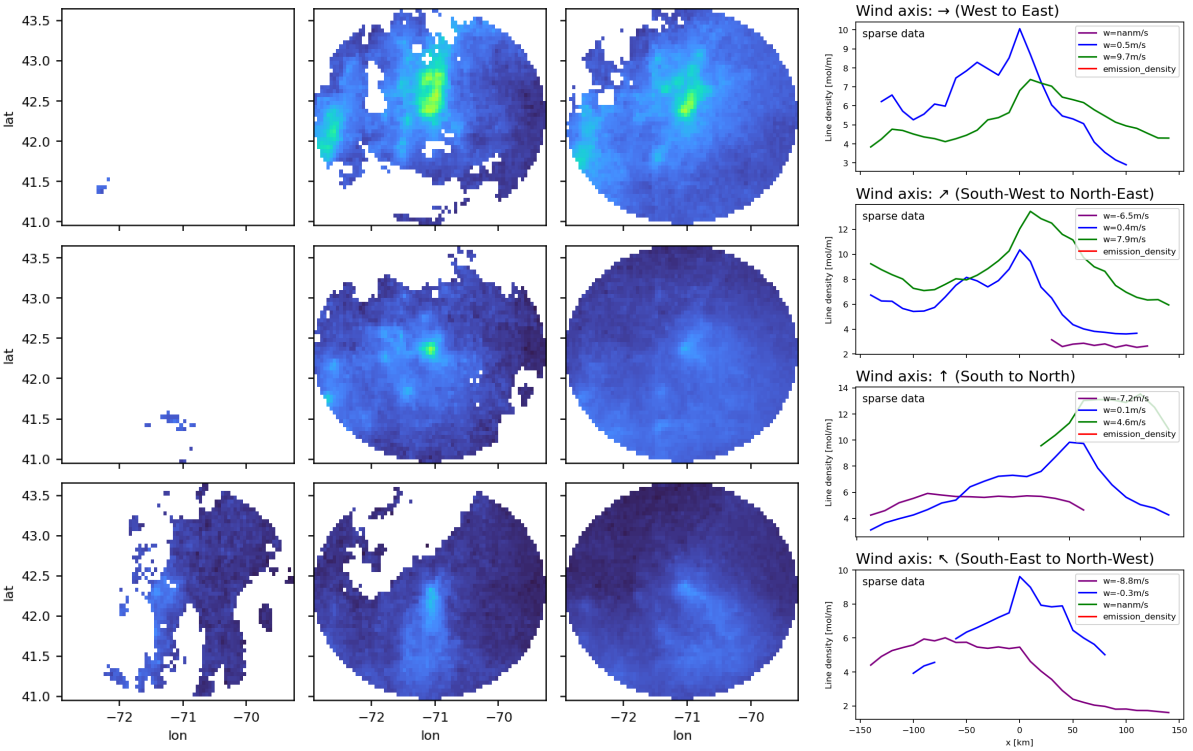


29 Boston

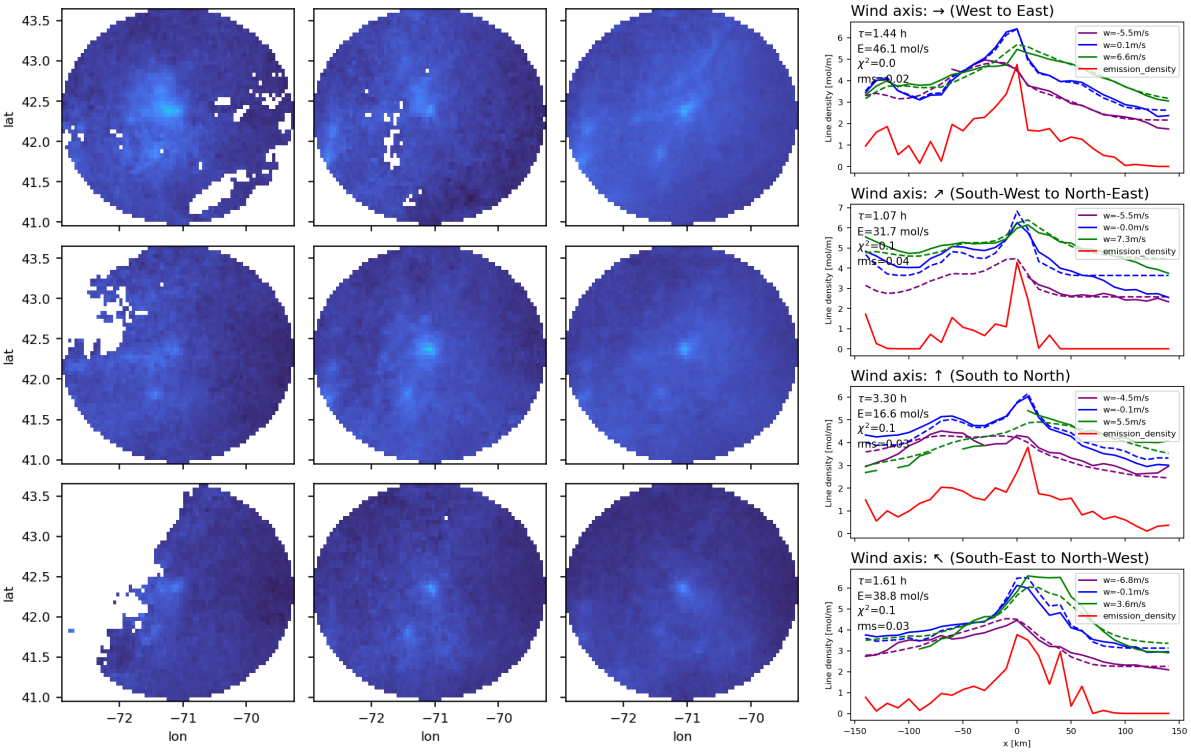
29.1 Winter



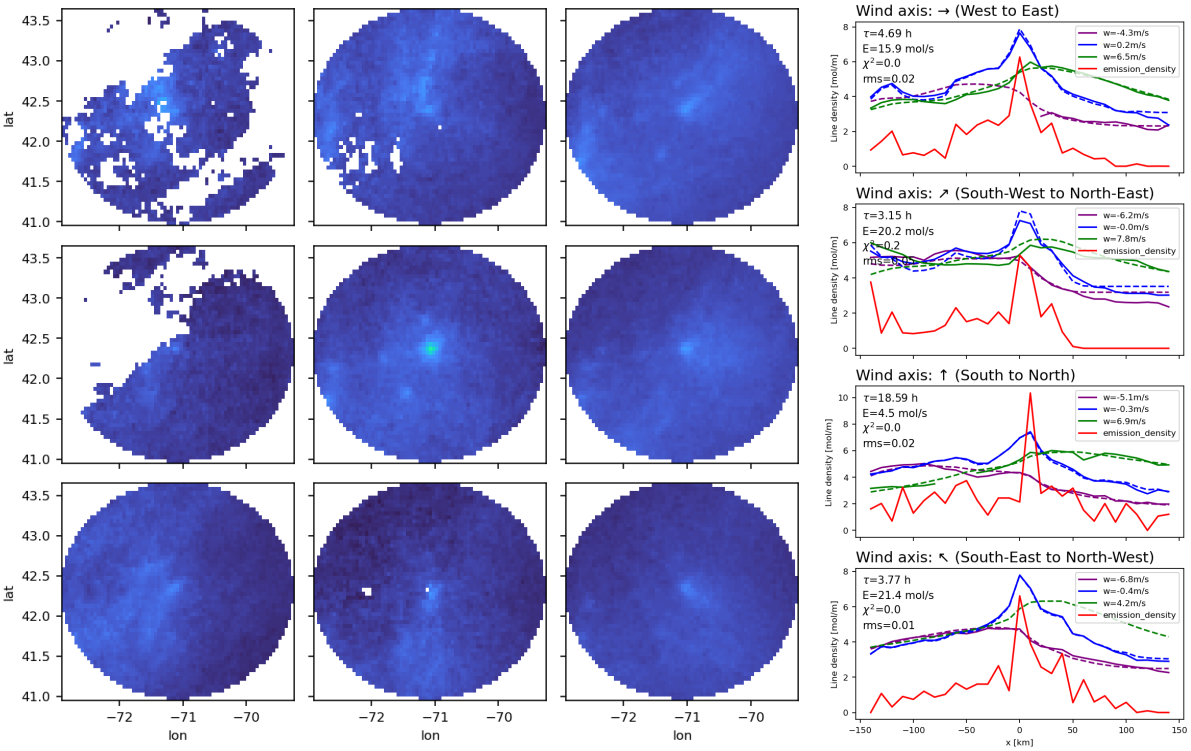
29.2 Spring



29.3 Summer

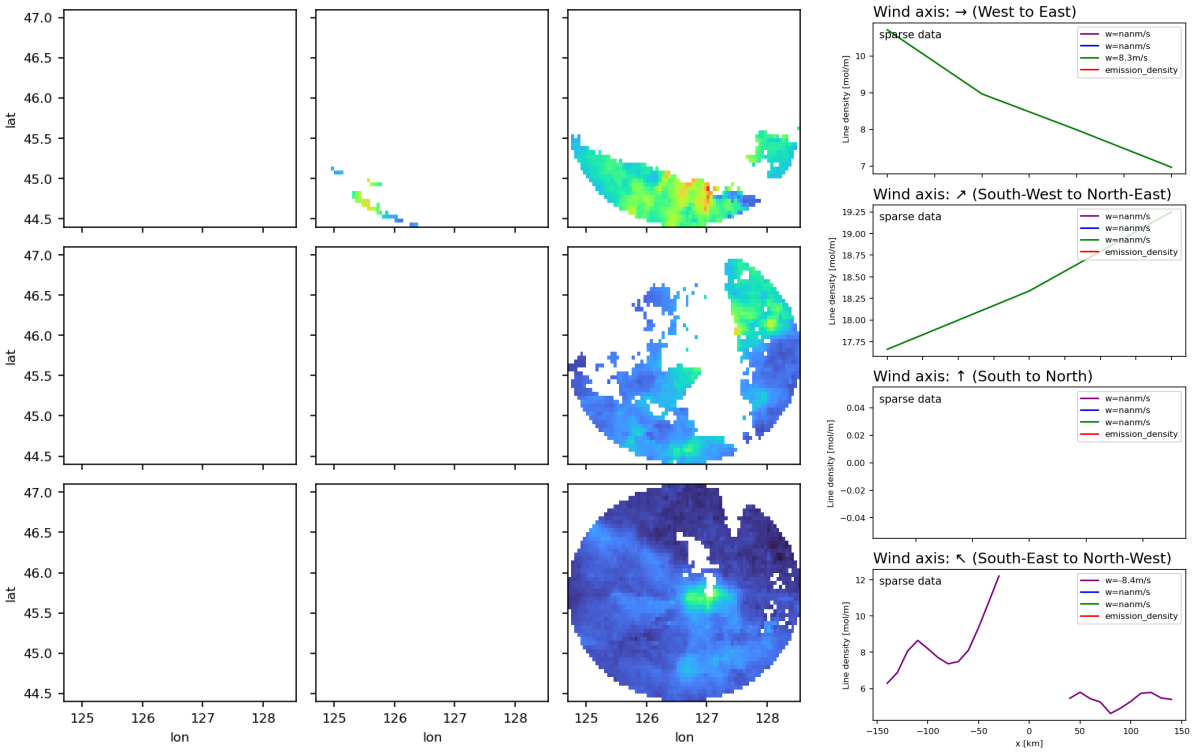


29.4 Autumn

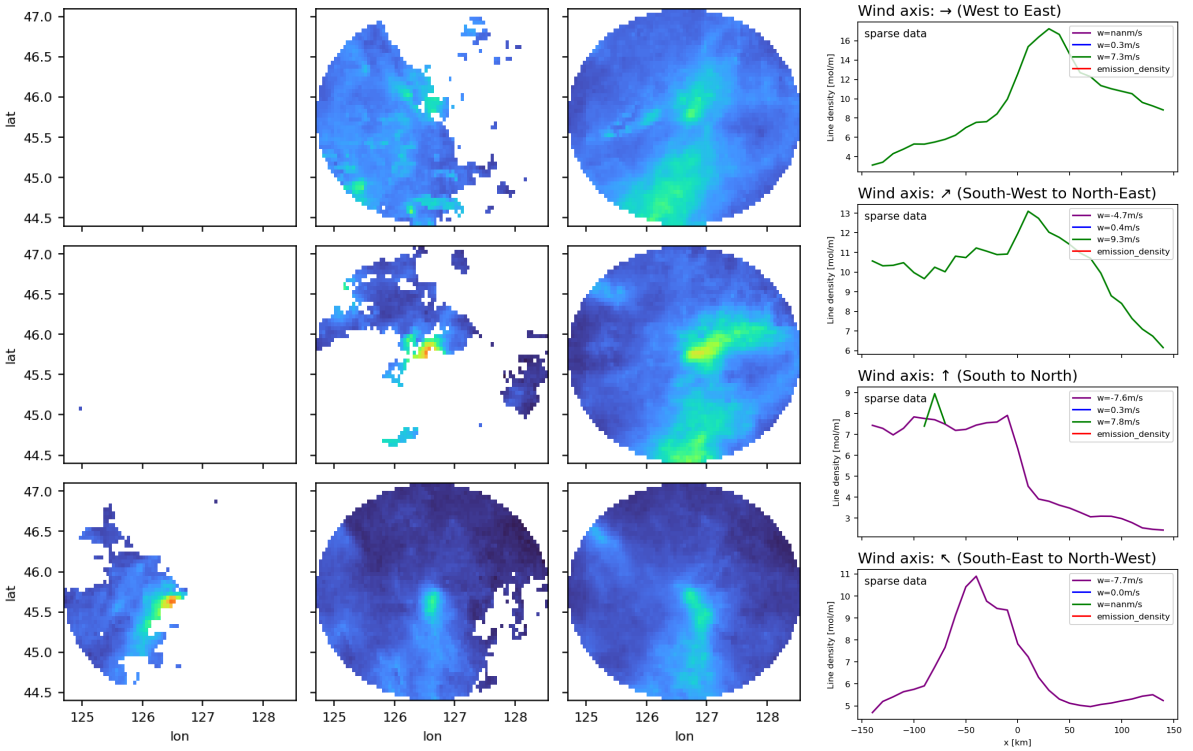


30 Harbin

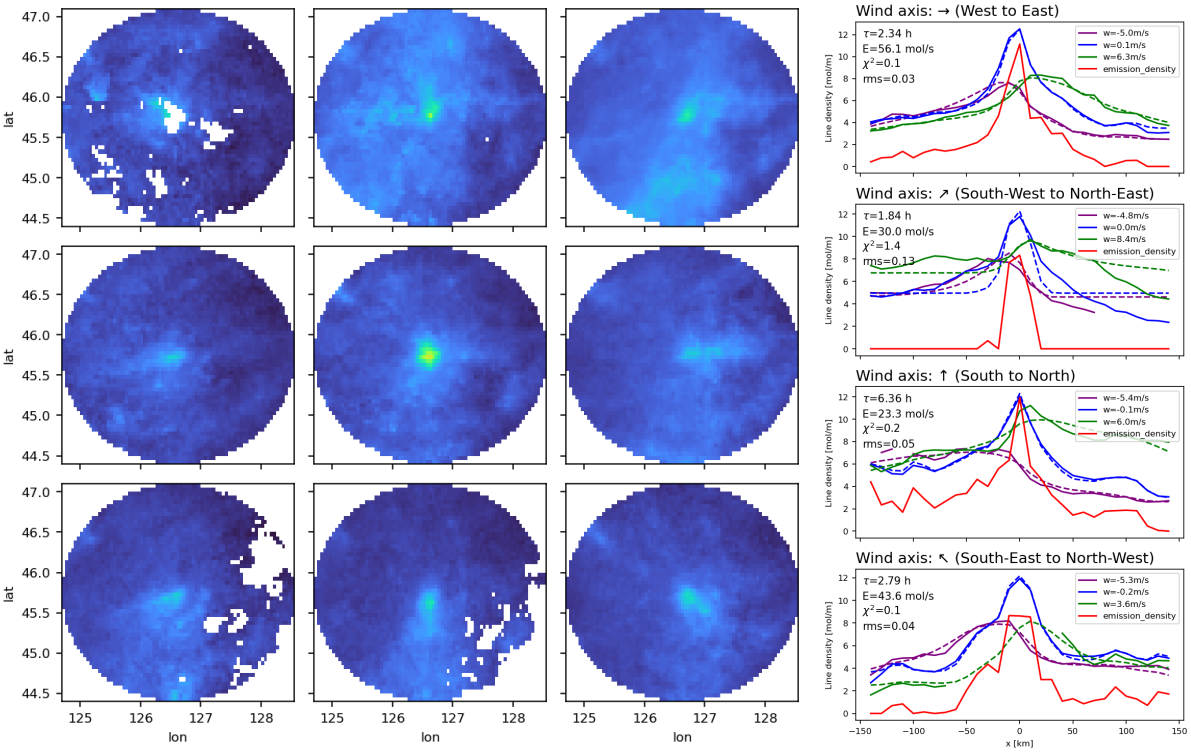
30.1 Winter



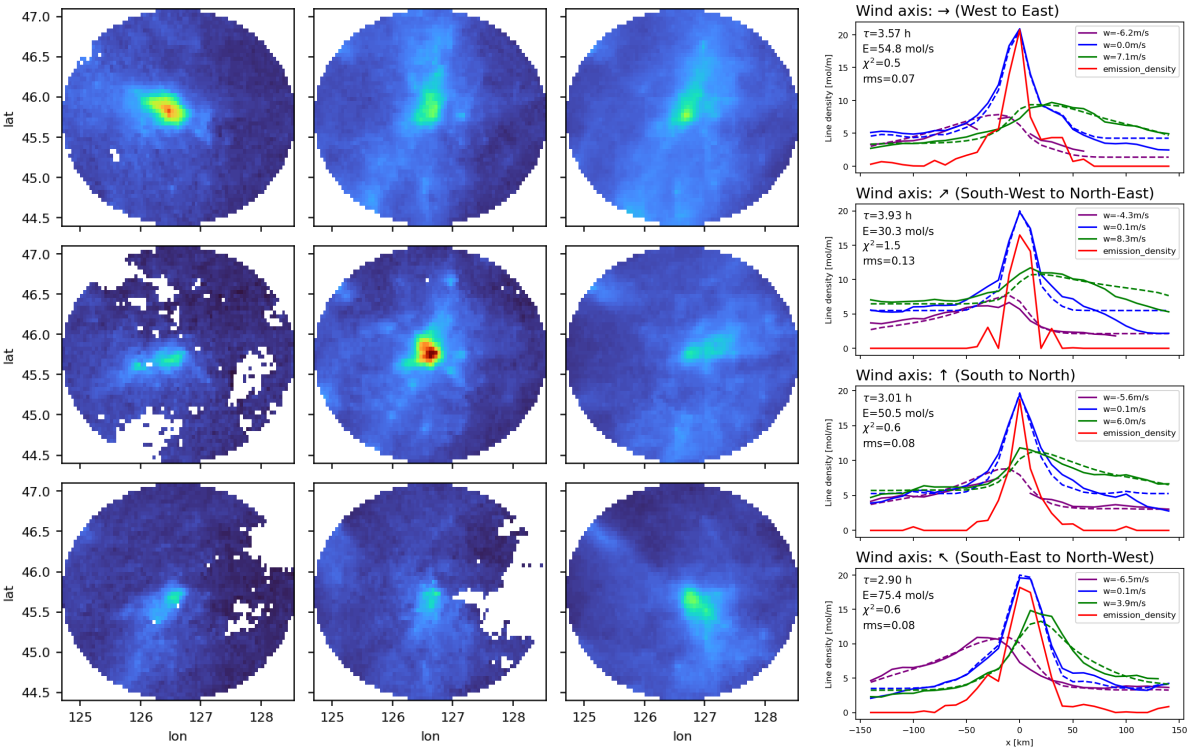
30.2 Spring



30.3 Summer

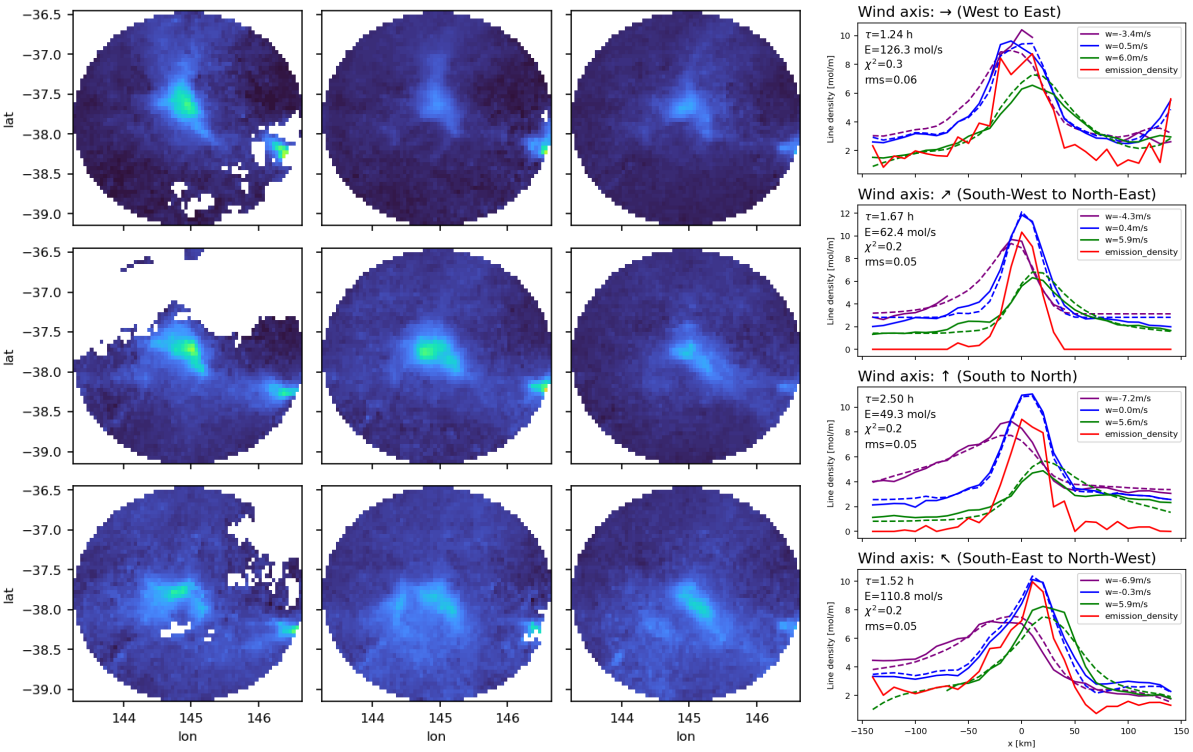


30.4 Autumn

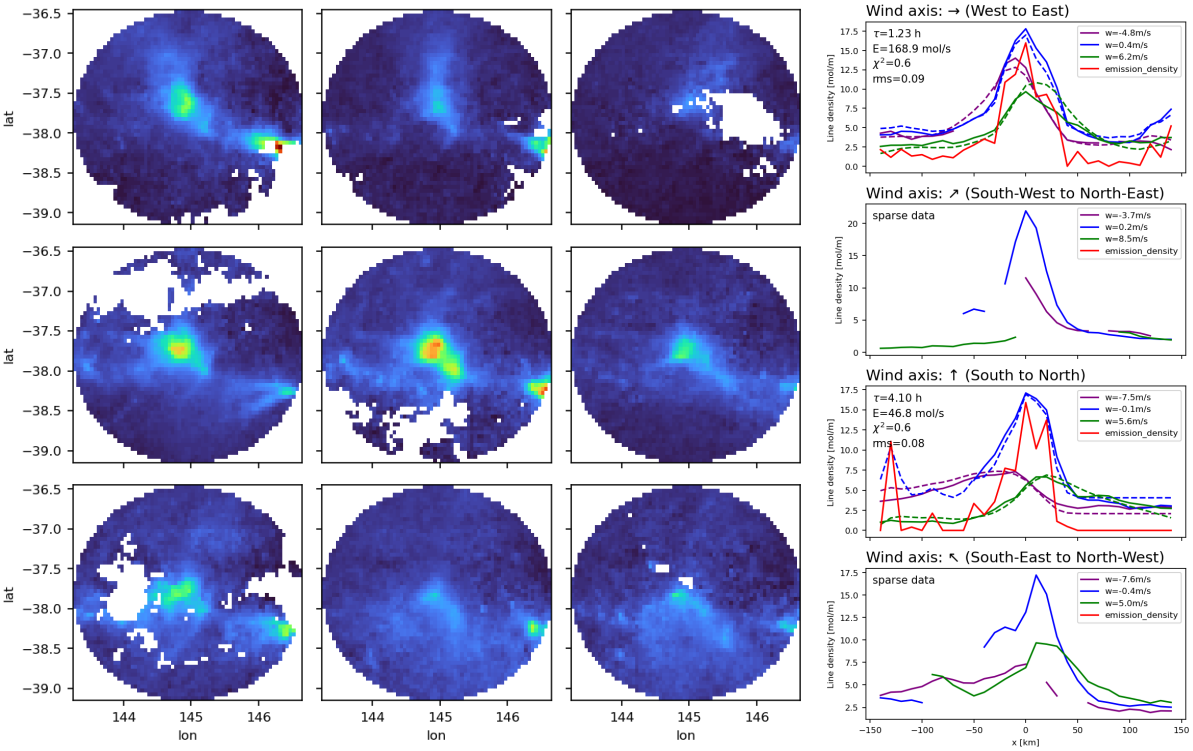


31 Melbourne

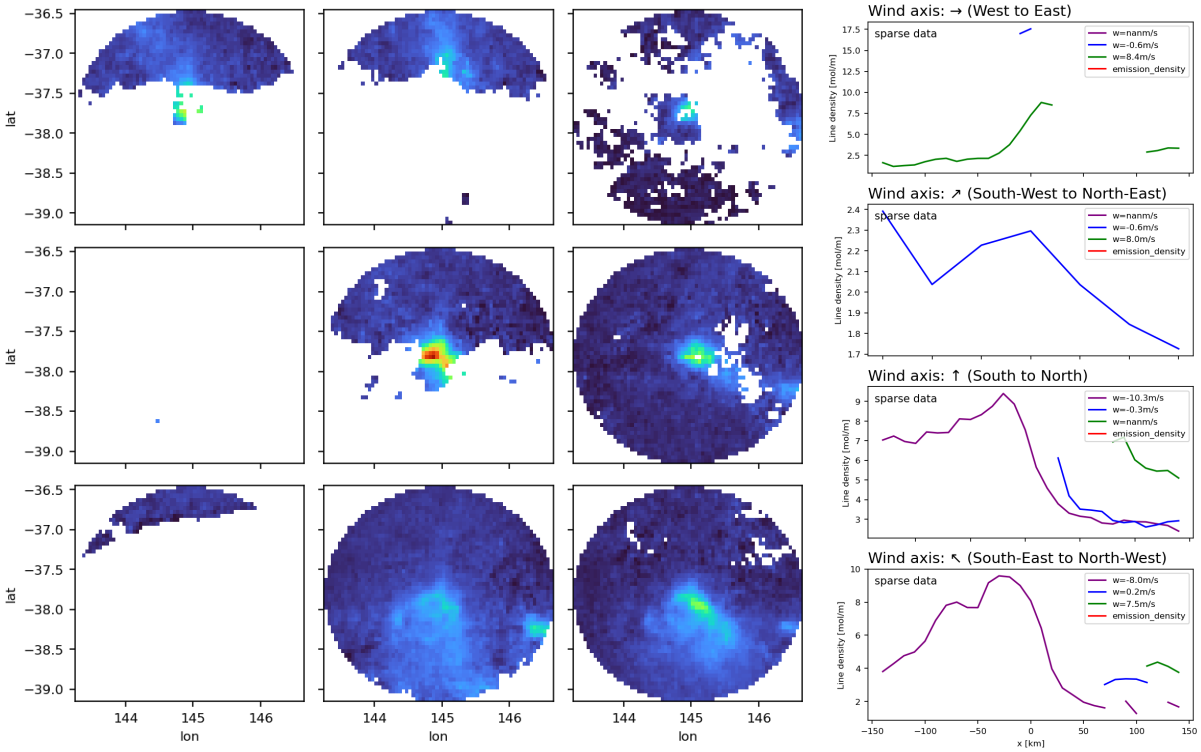
31.1 Winter



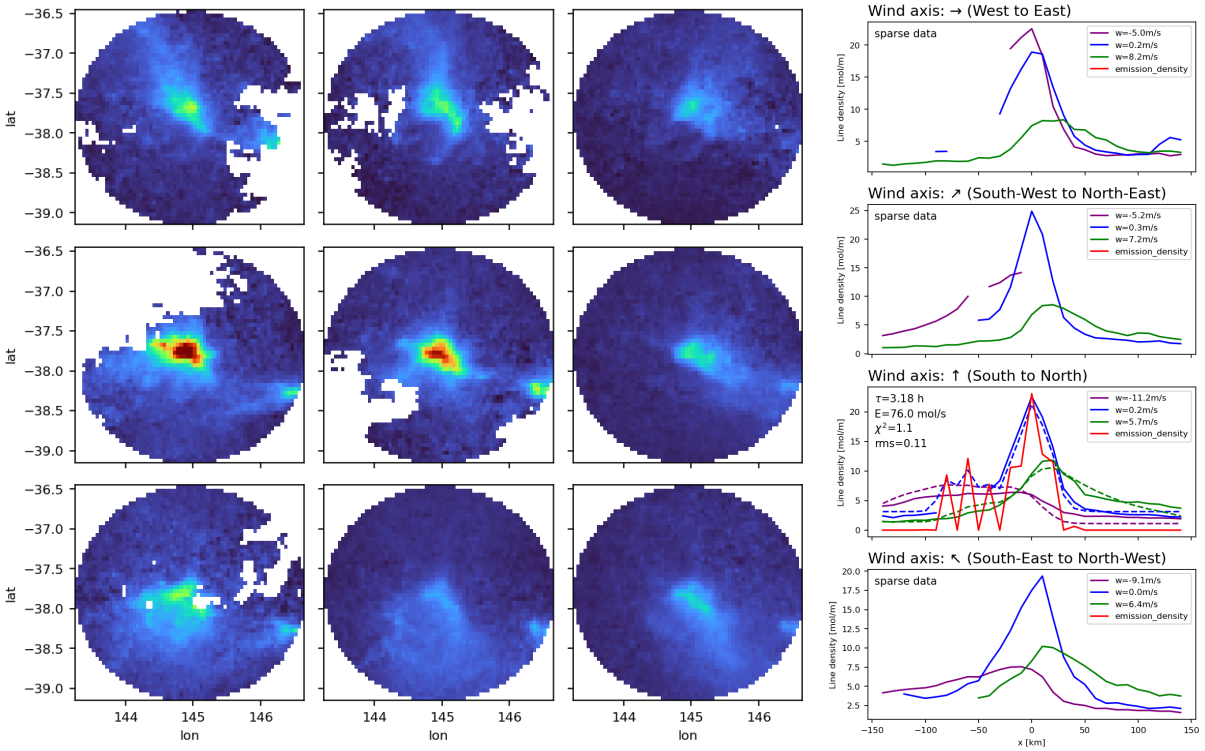
31.2 Spring



31.3 Summer

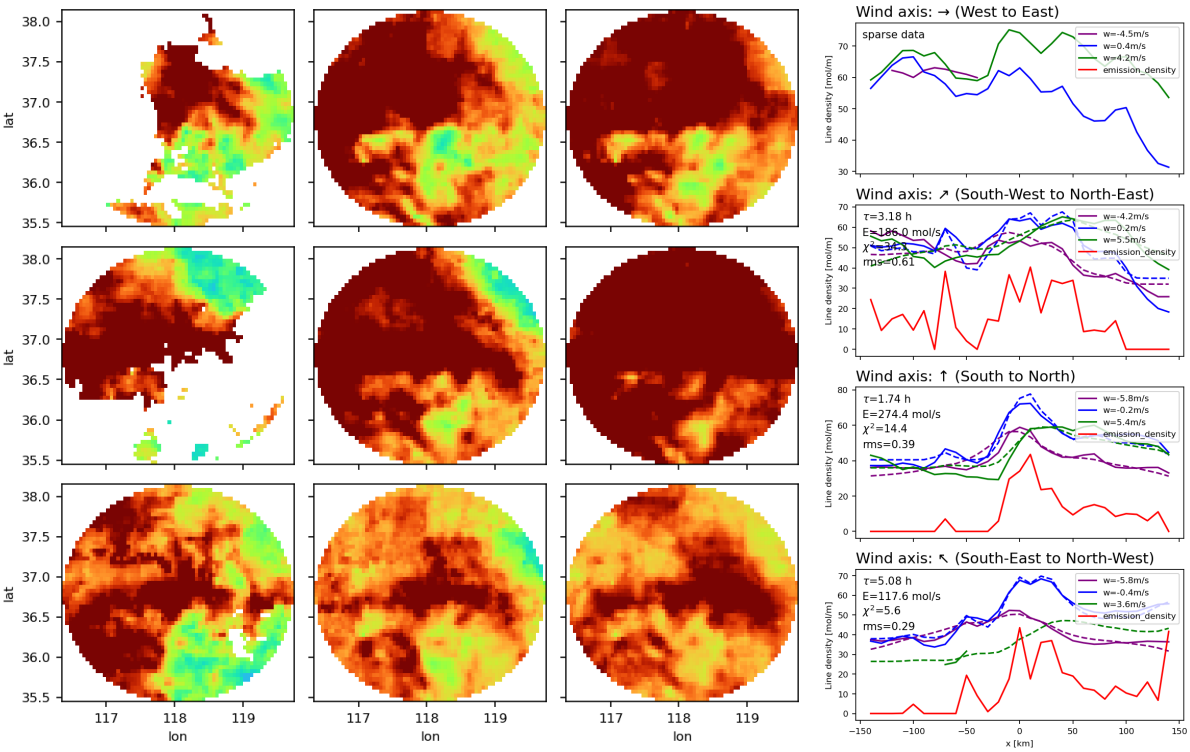


31.4 Autumn

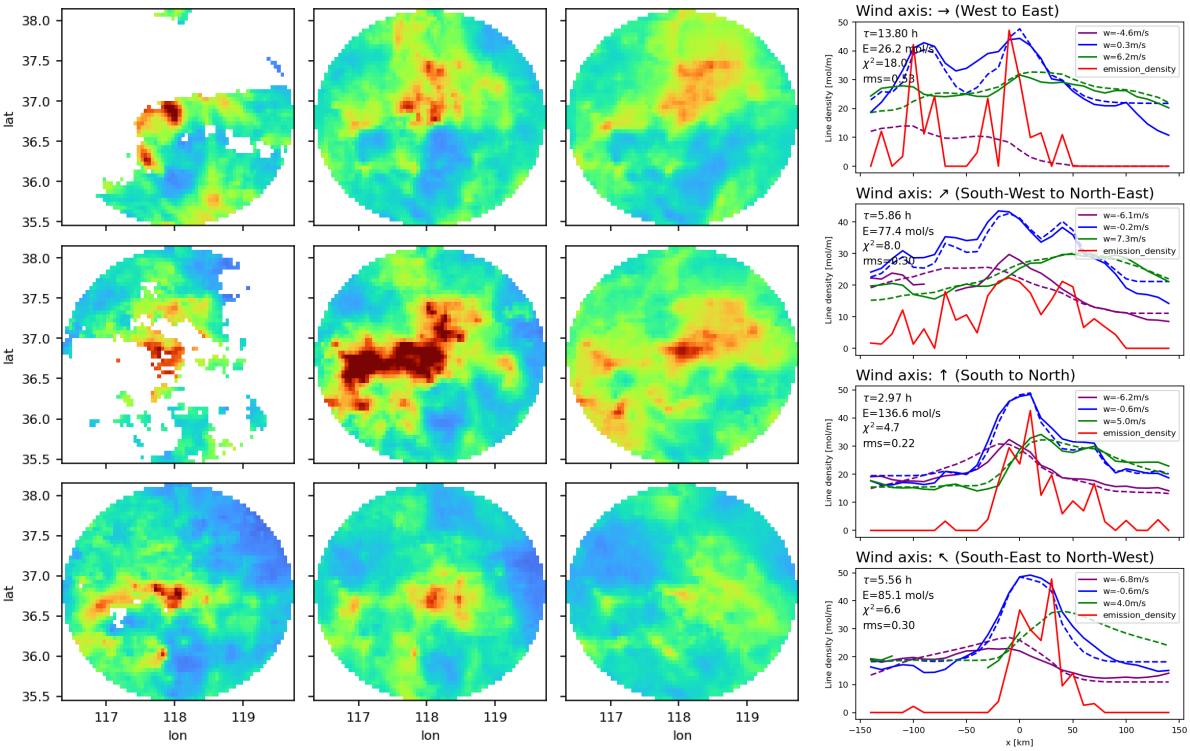


32 Zibo

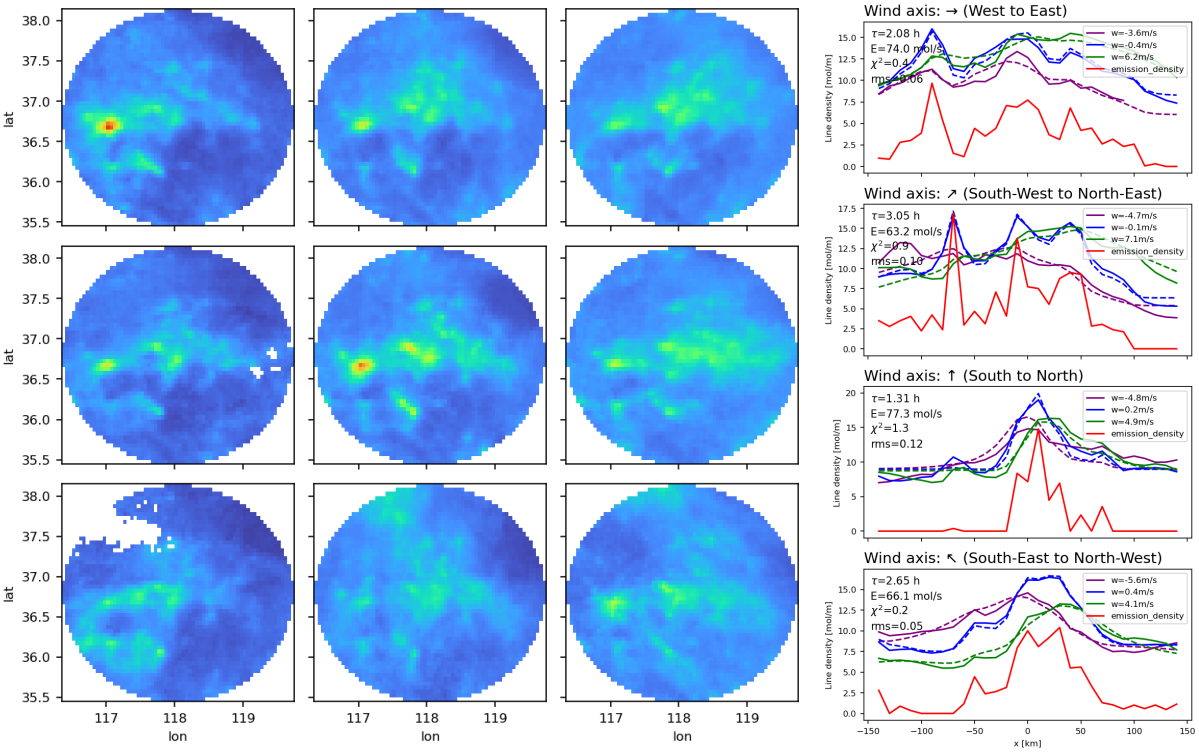
32.1 Winter



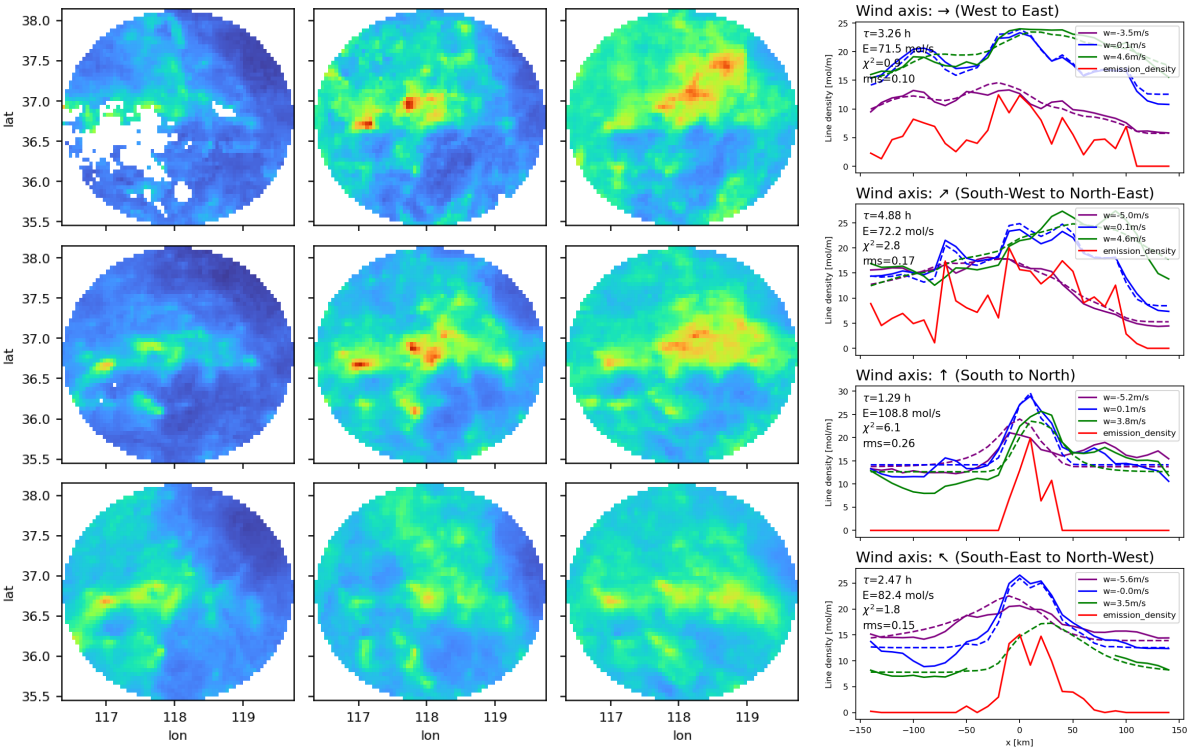
32.2 Spring



32.3 Summer

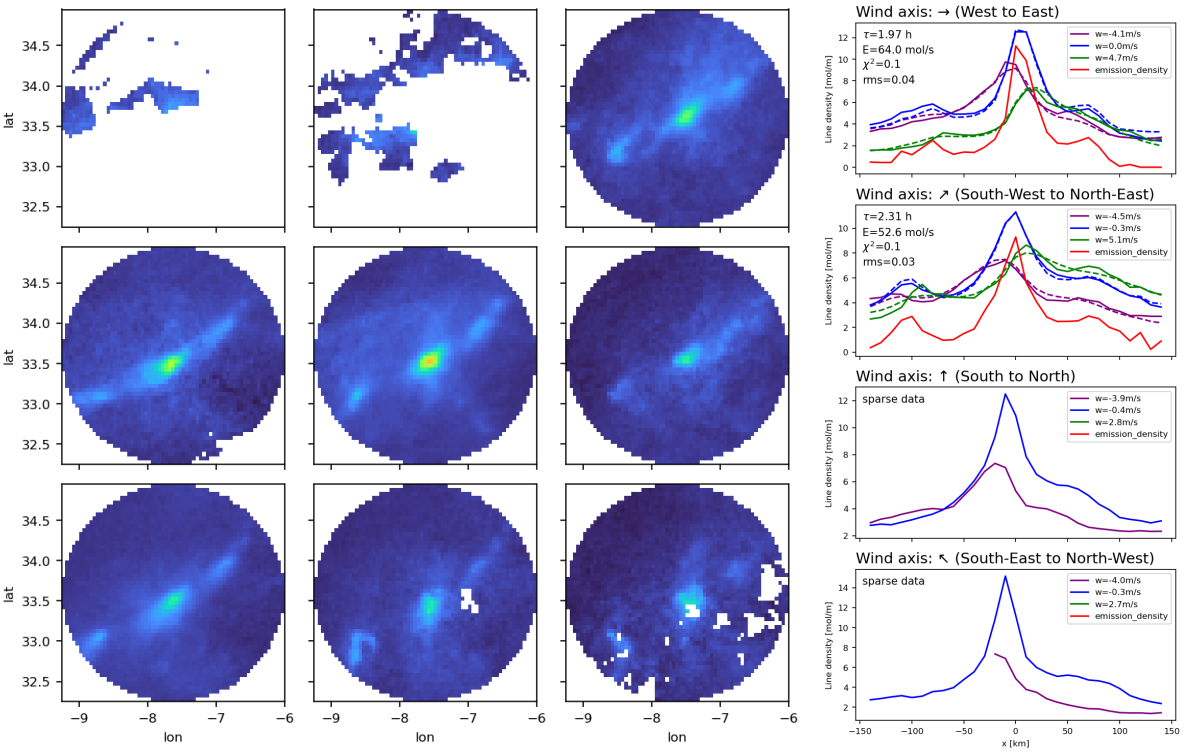


32.4 Autumn

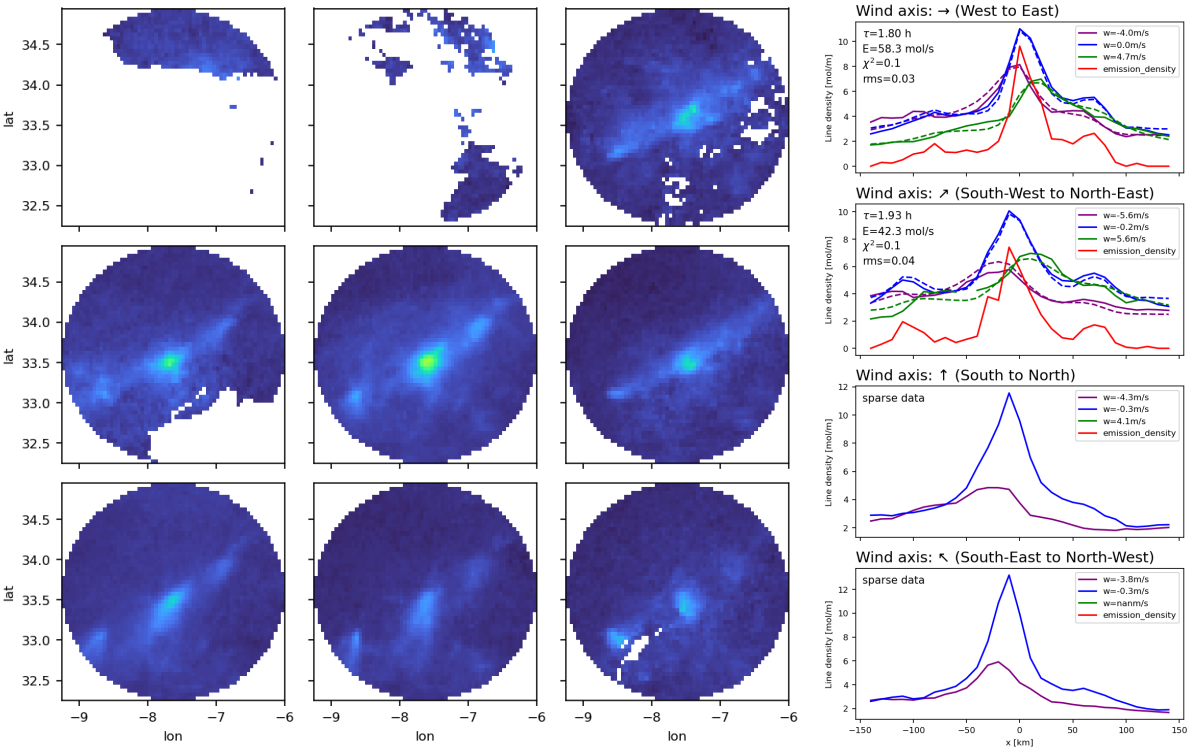


33 Casablanca

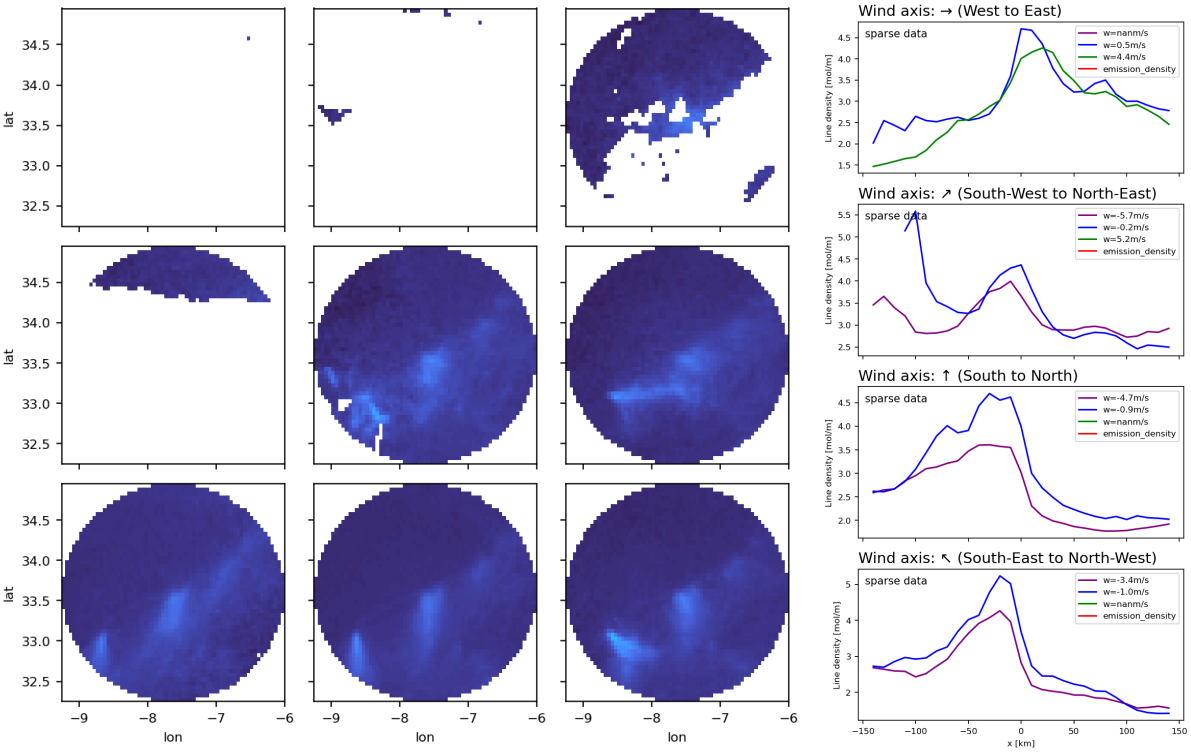
33.1 Winter



33.2 Spring



33.3 Summer



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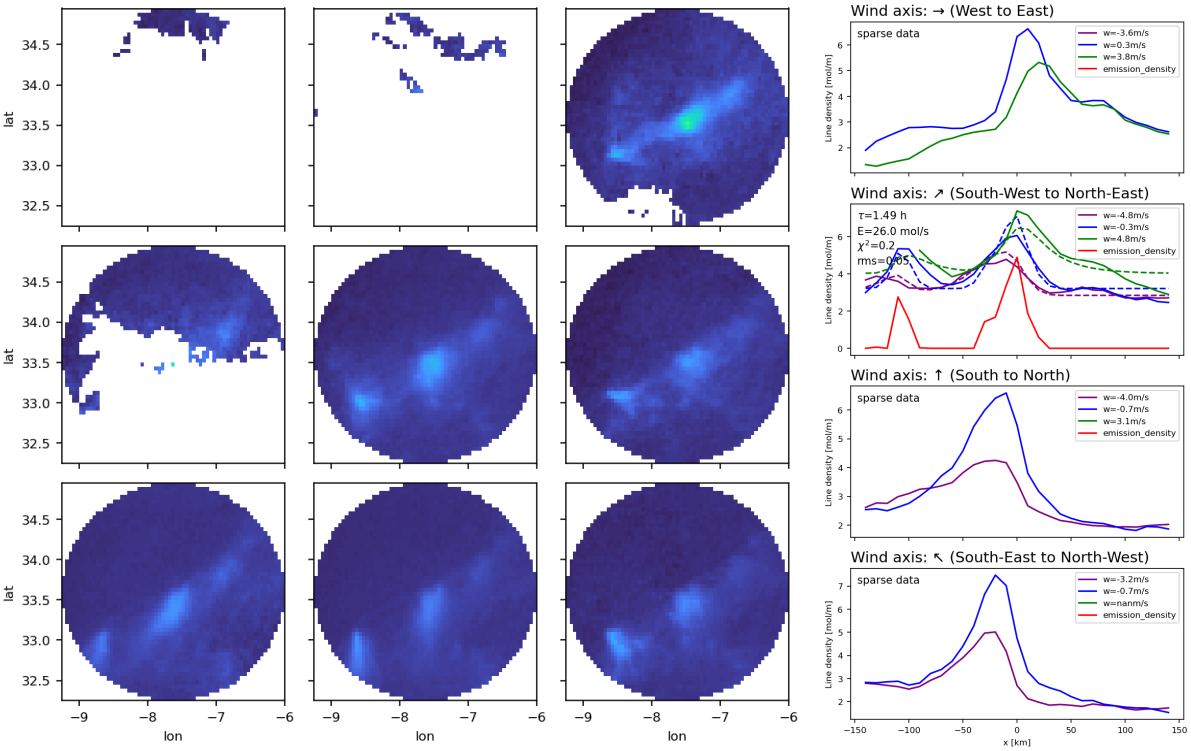
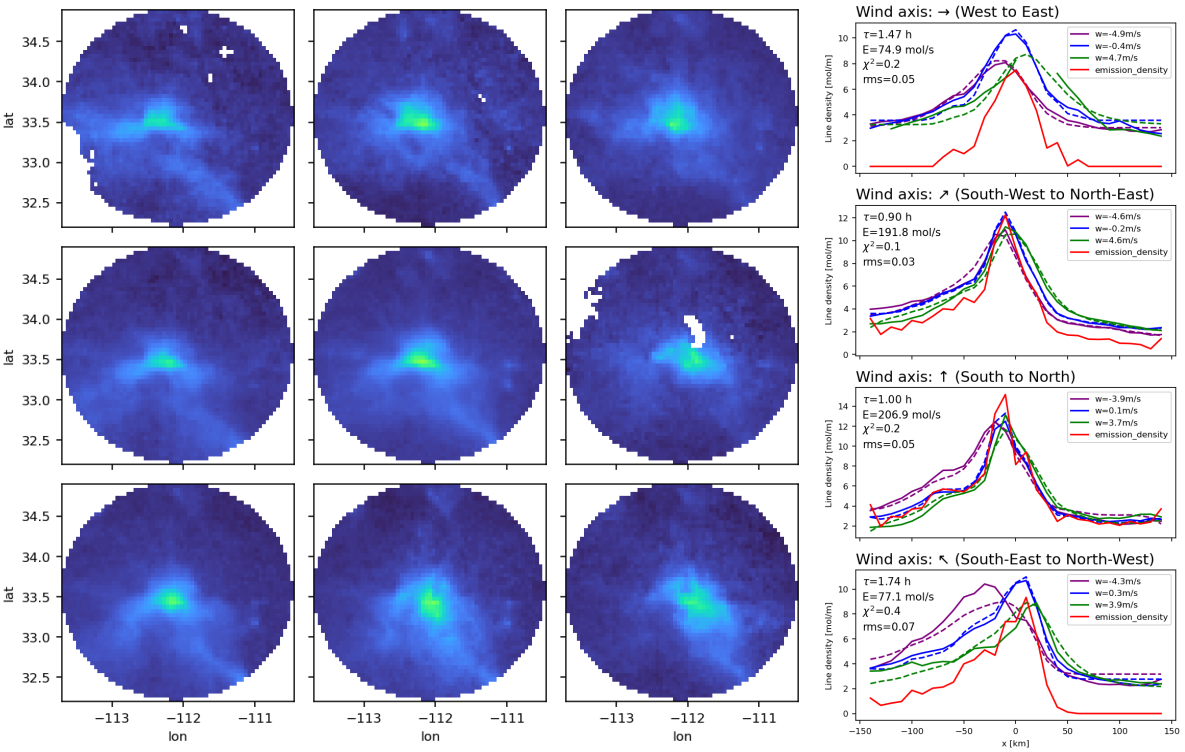
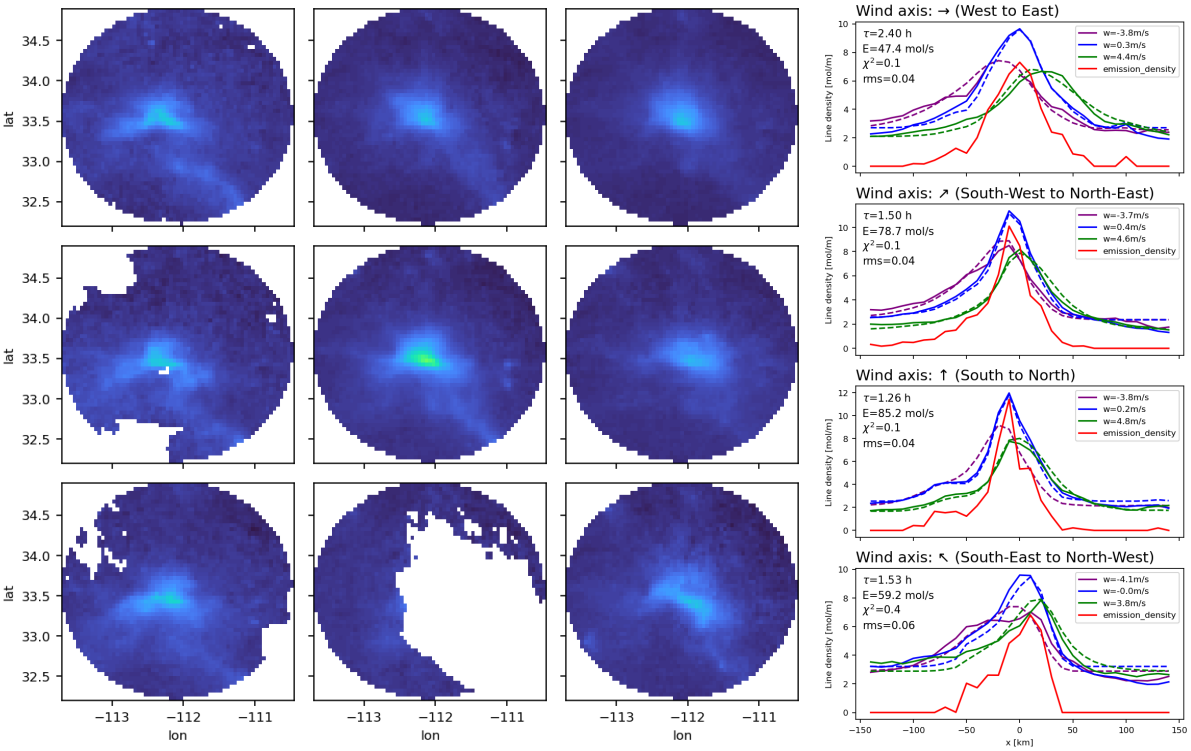


34 Phoenix

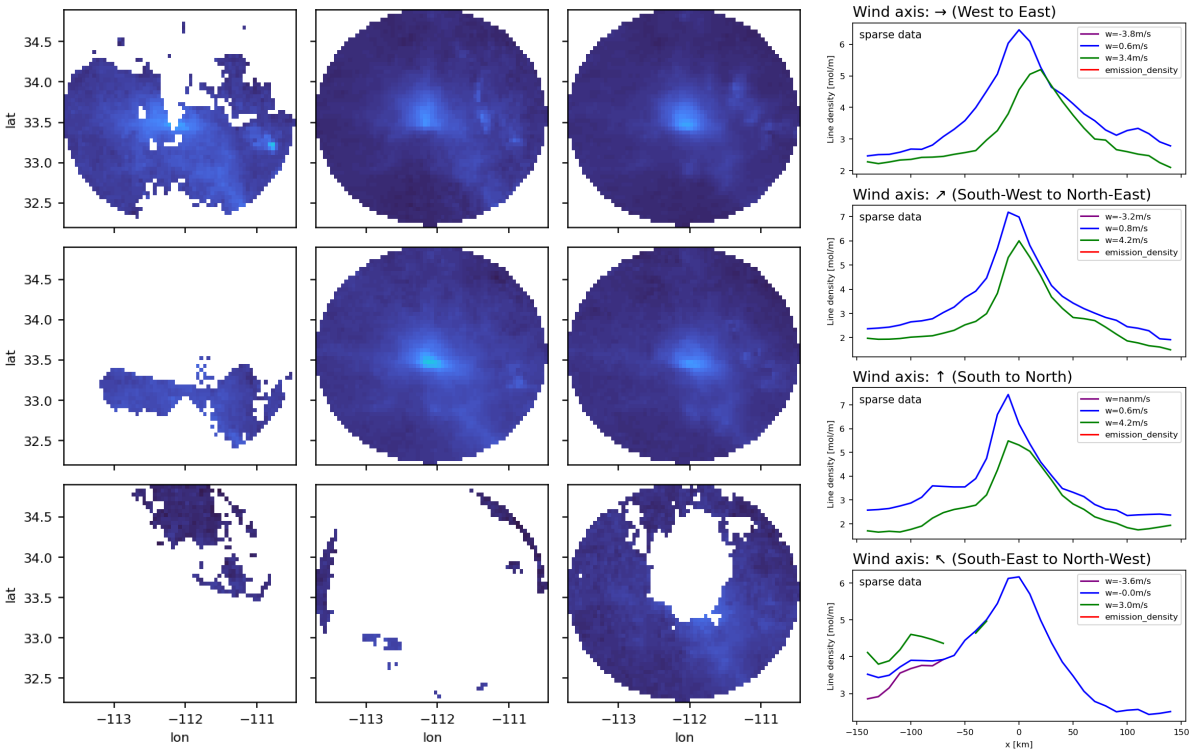
34.1 Winter



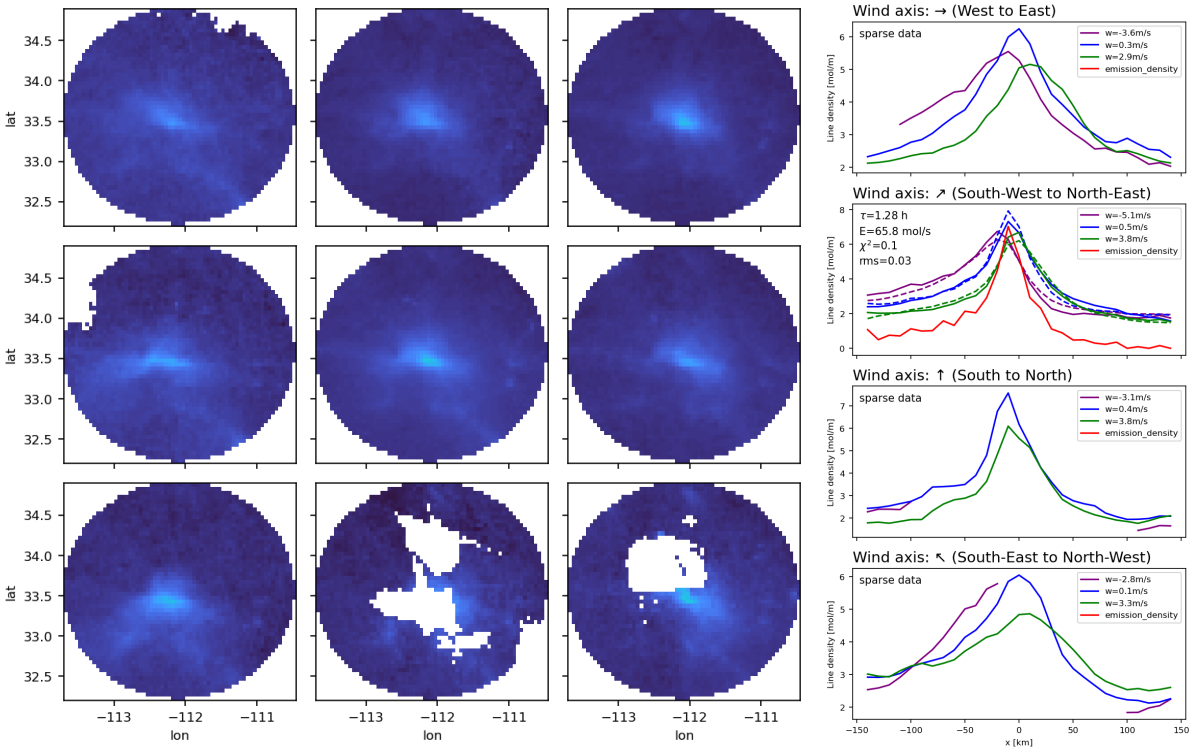
34.2 Spring



34.3 Summer

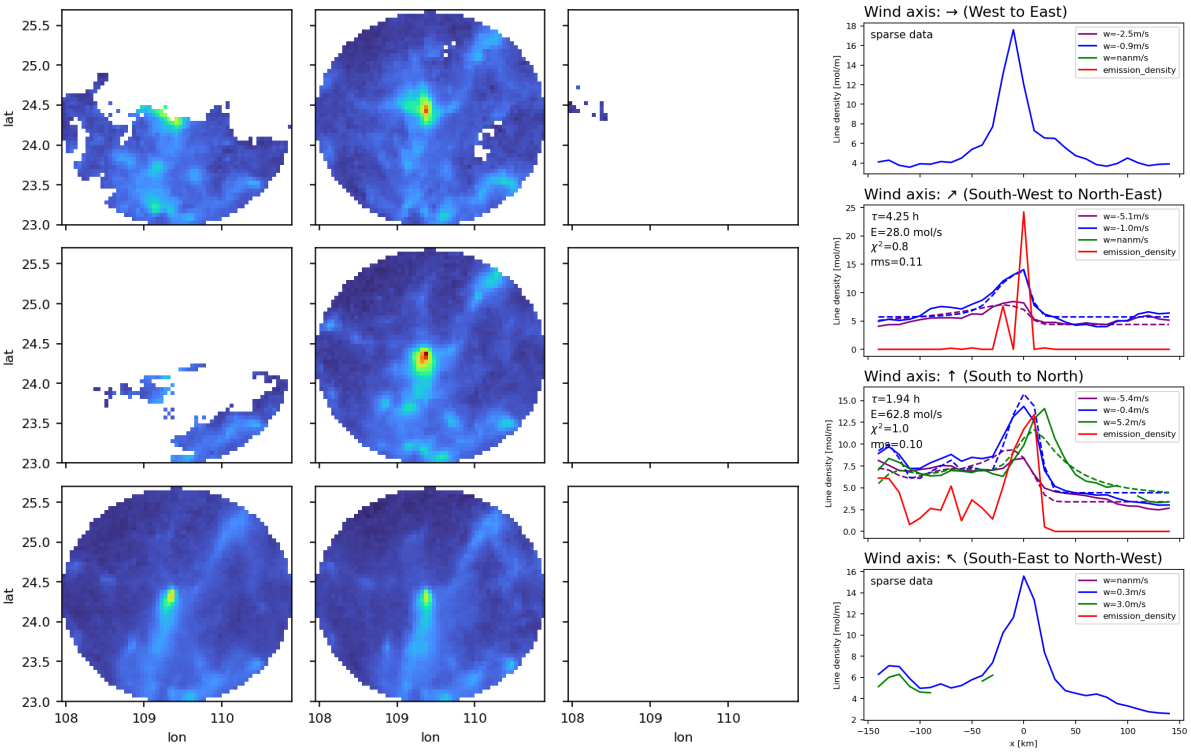


34.4 Autumn

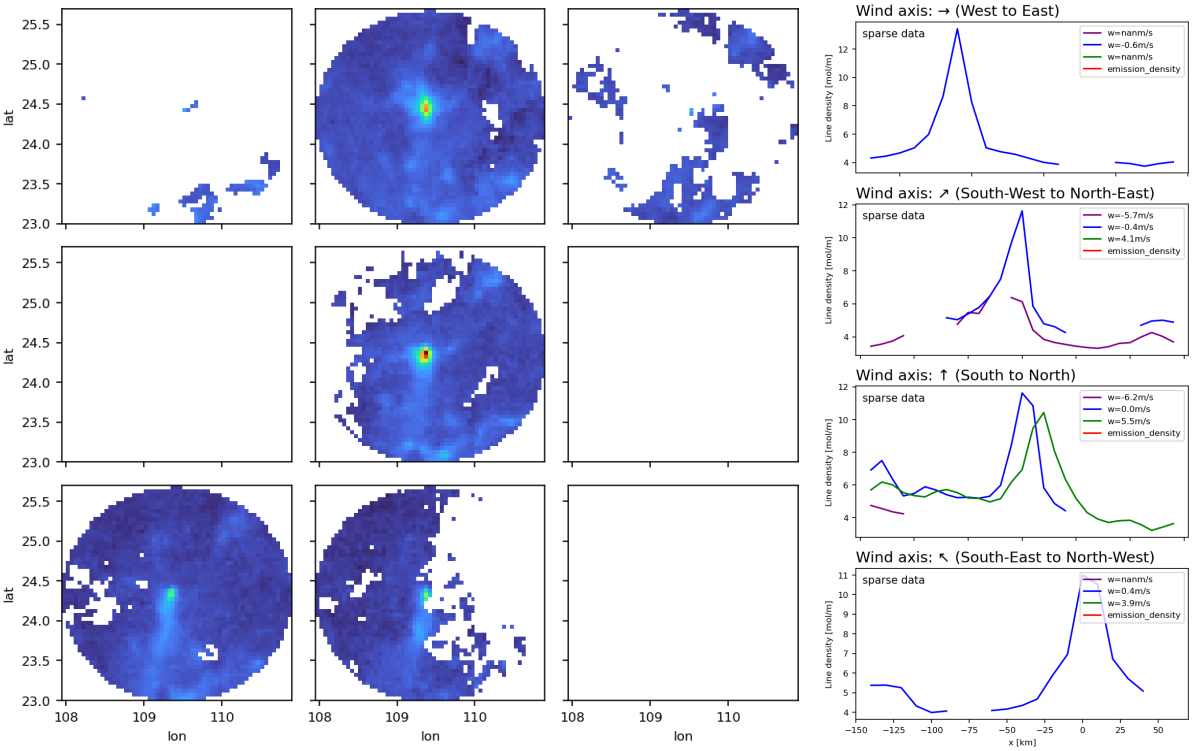


35 Liuzhou

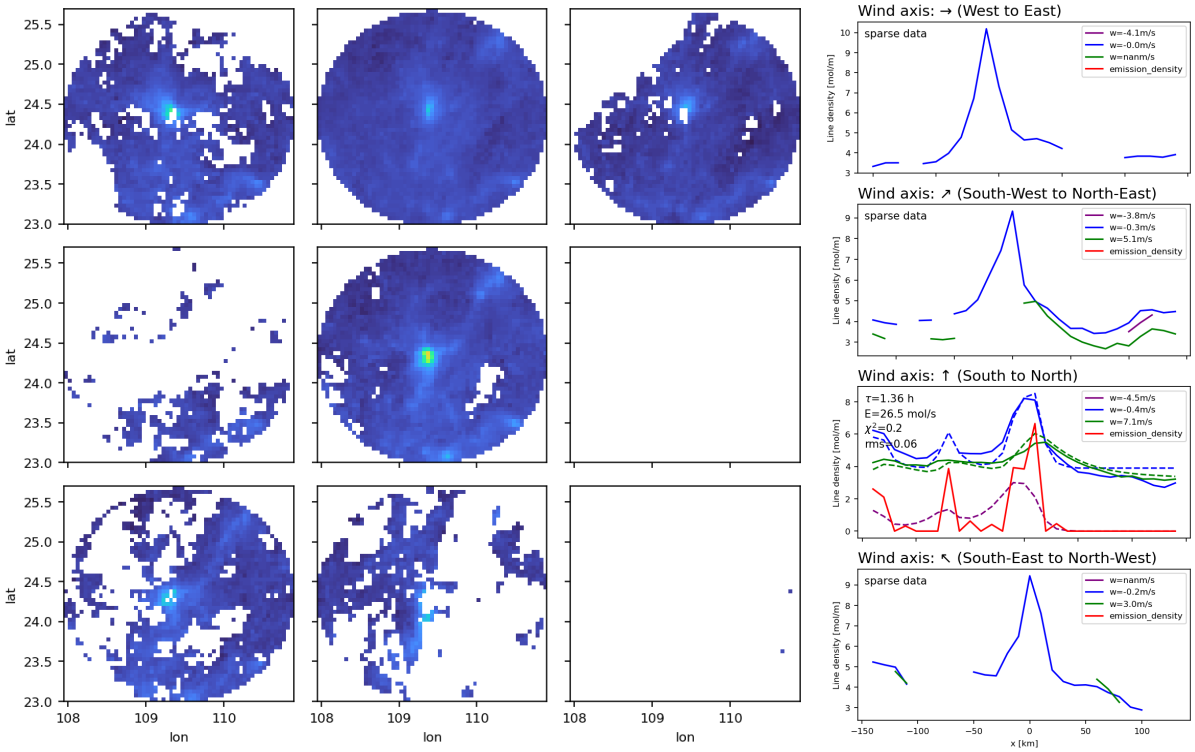
35.1 Winter



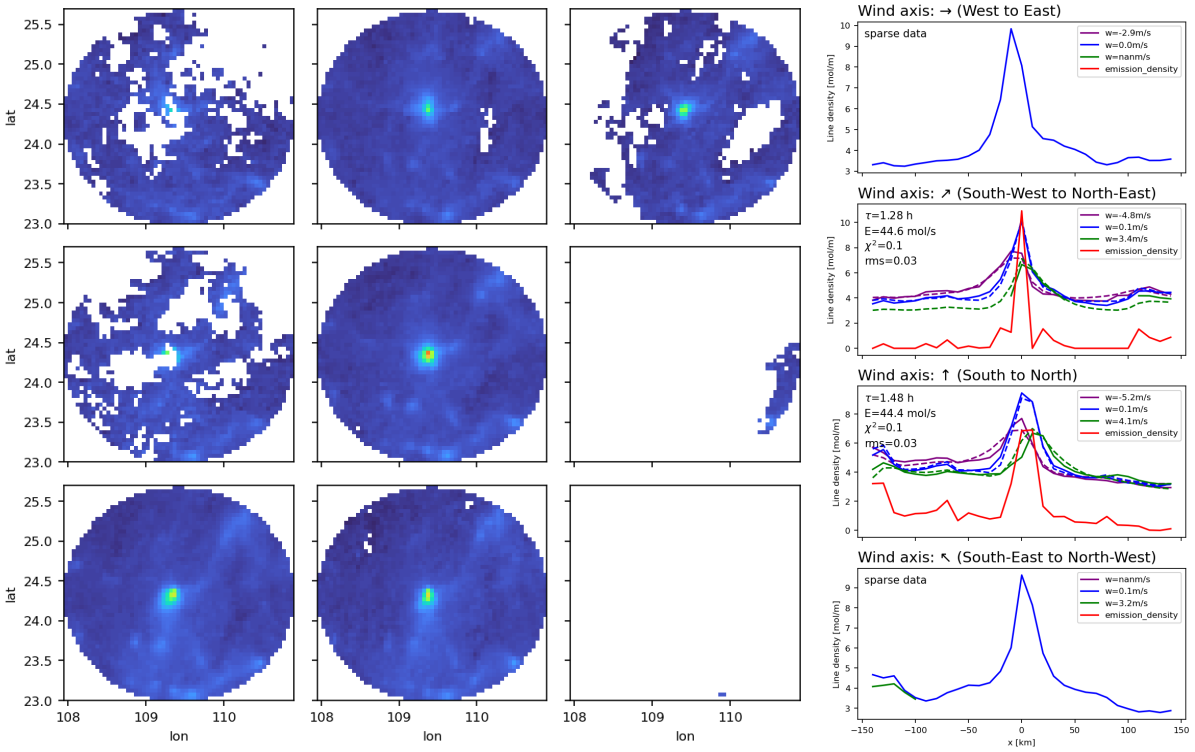
35.2 Spring



35.3 Summer

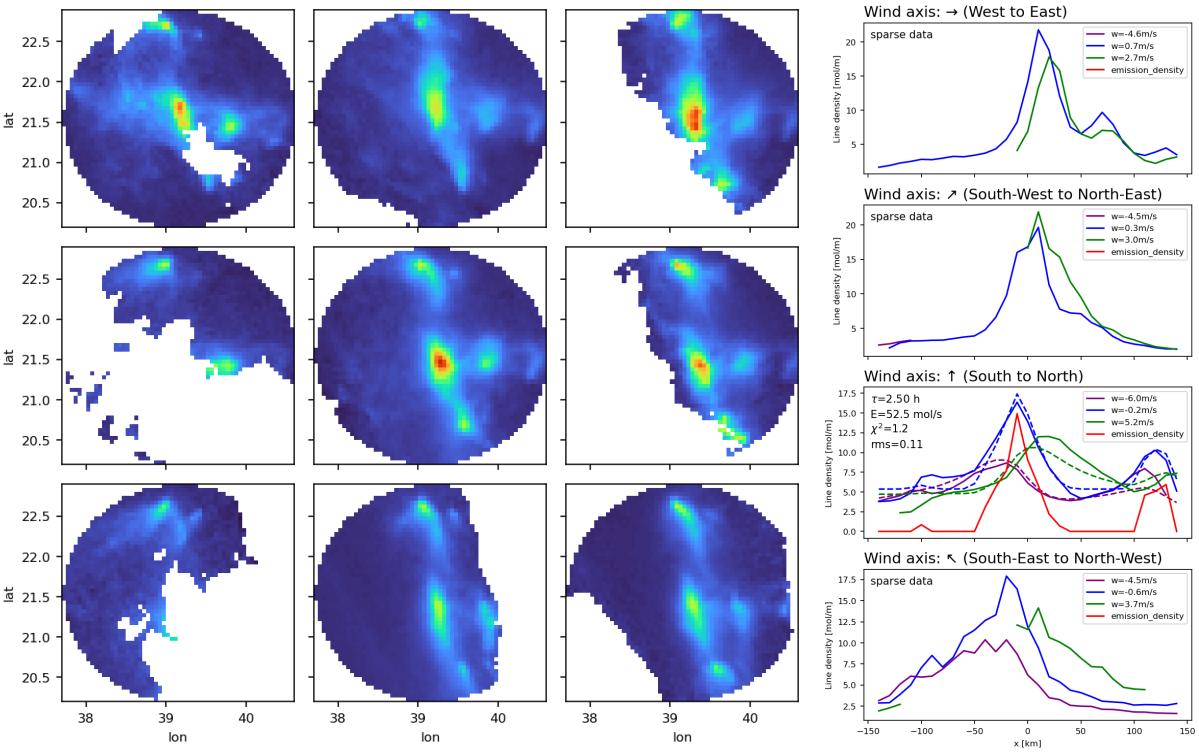


35.4 Autumn

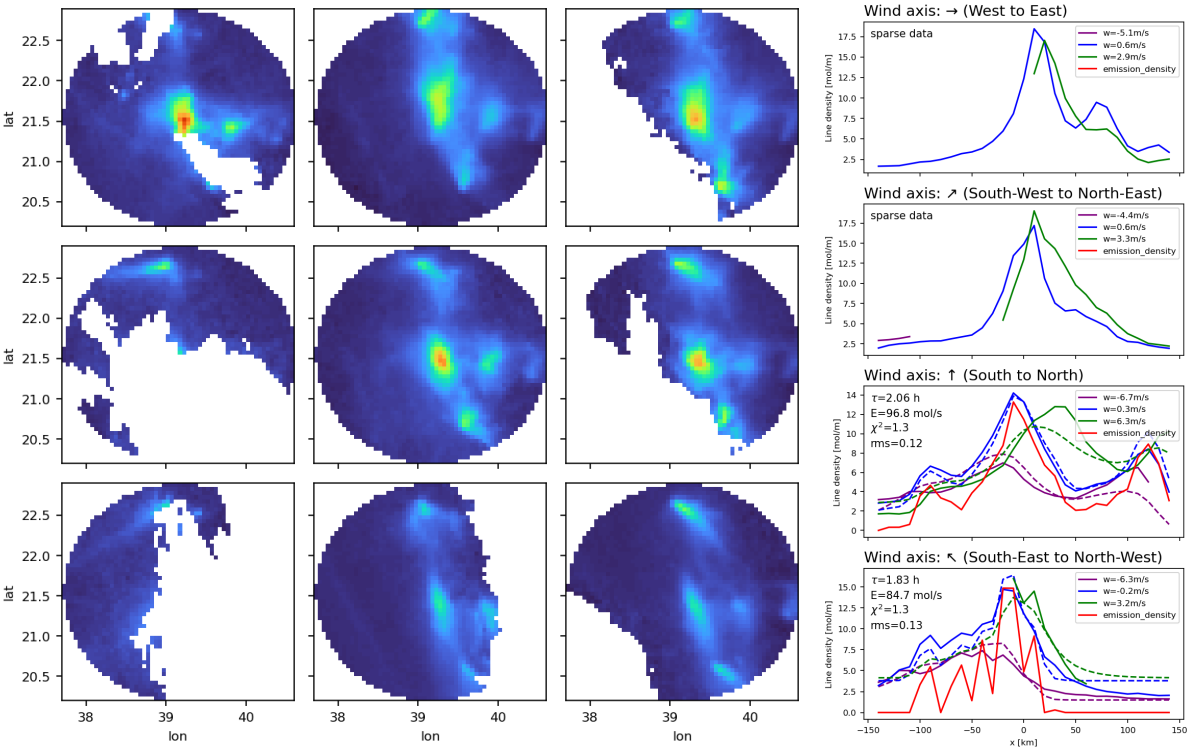


36 Jeddah

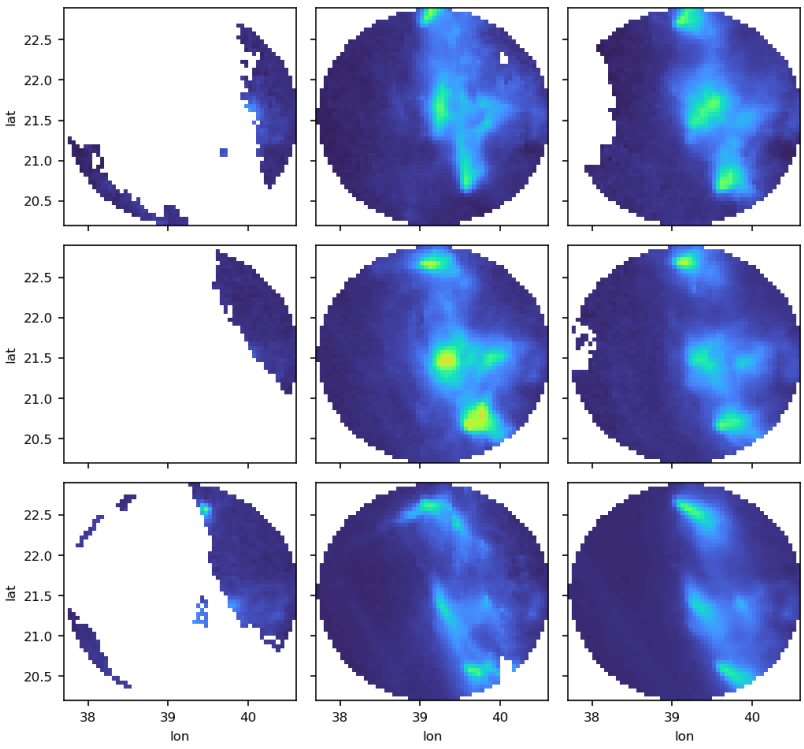
36.1 Winter

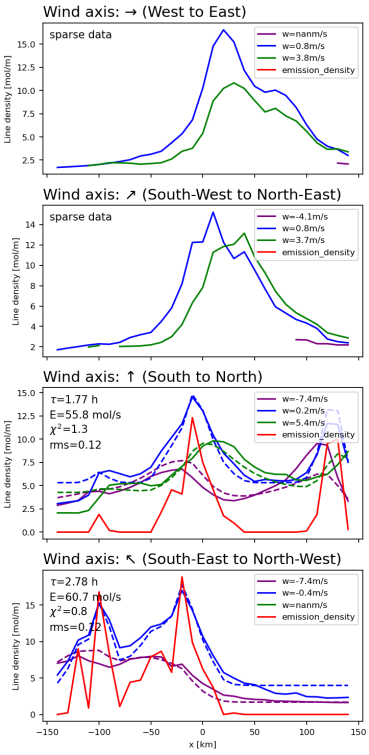


36.2 Spring

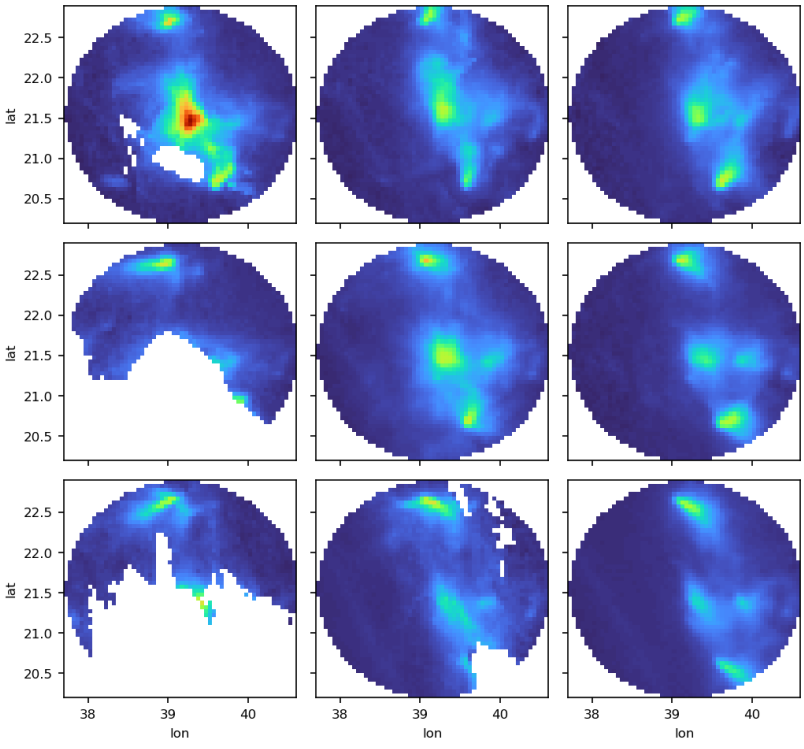


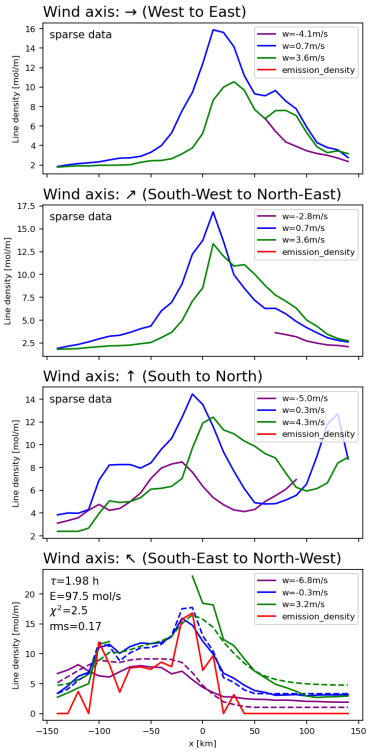
36.3 Summer





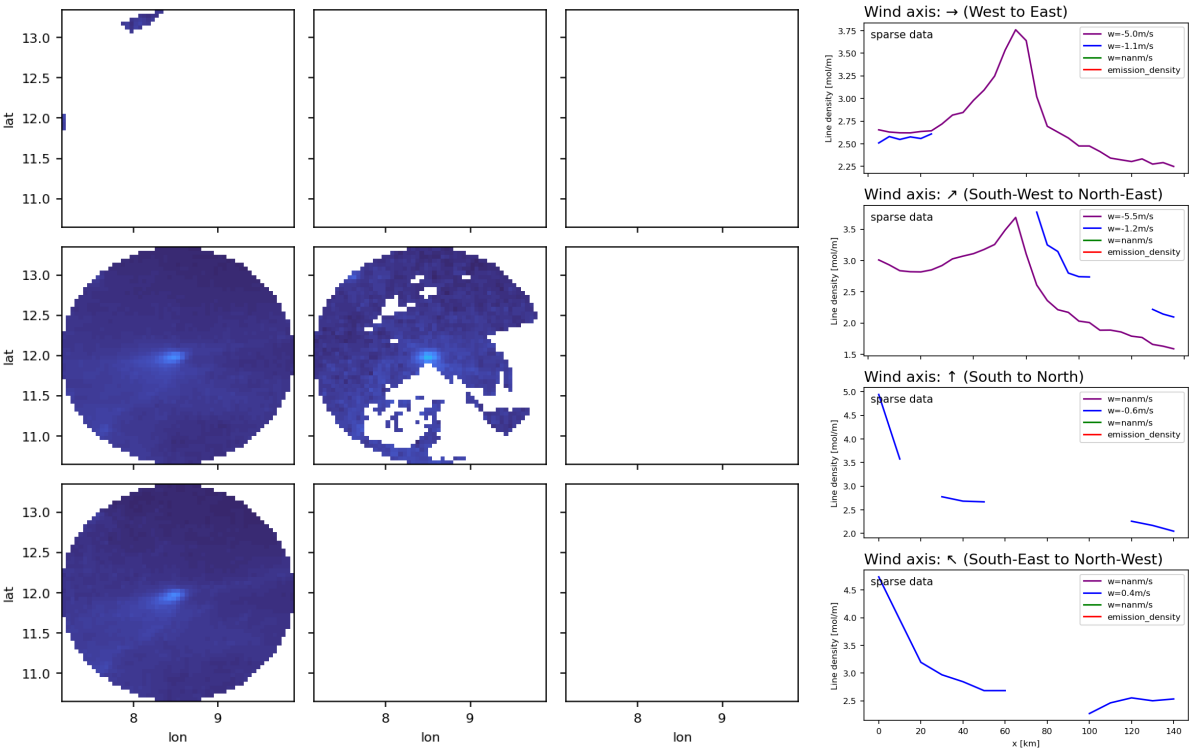
36.4 Autumn



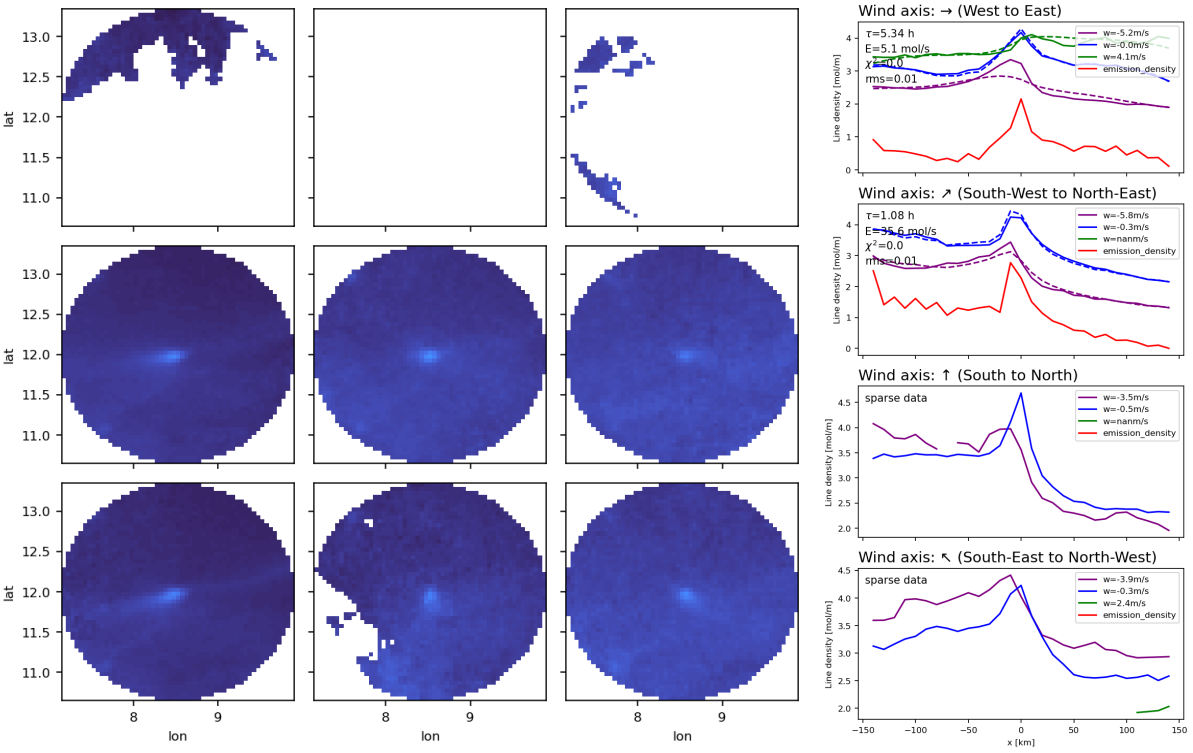


37 Kano

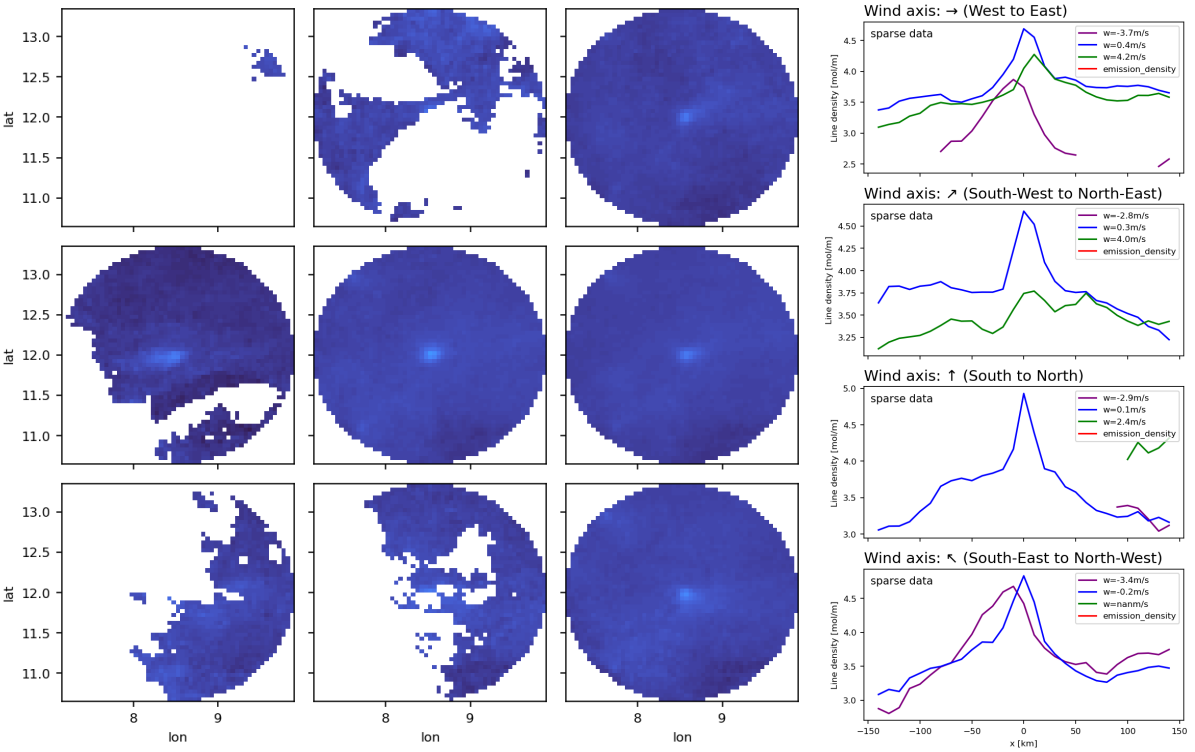
37.1 Winter



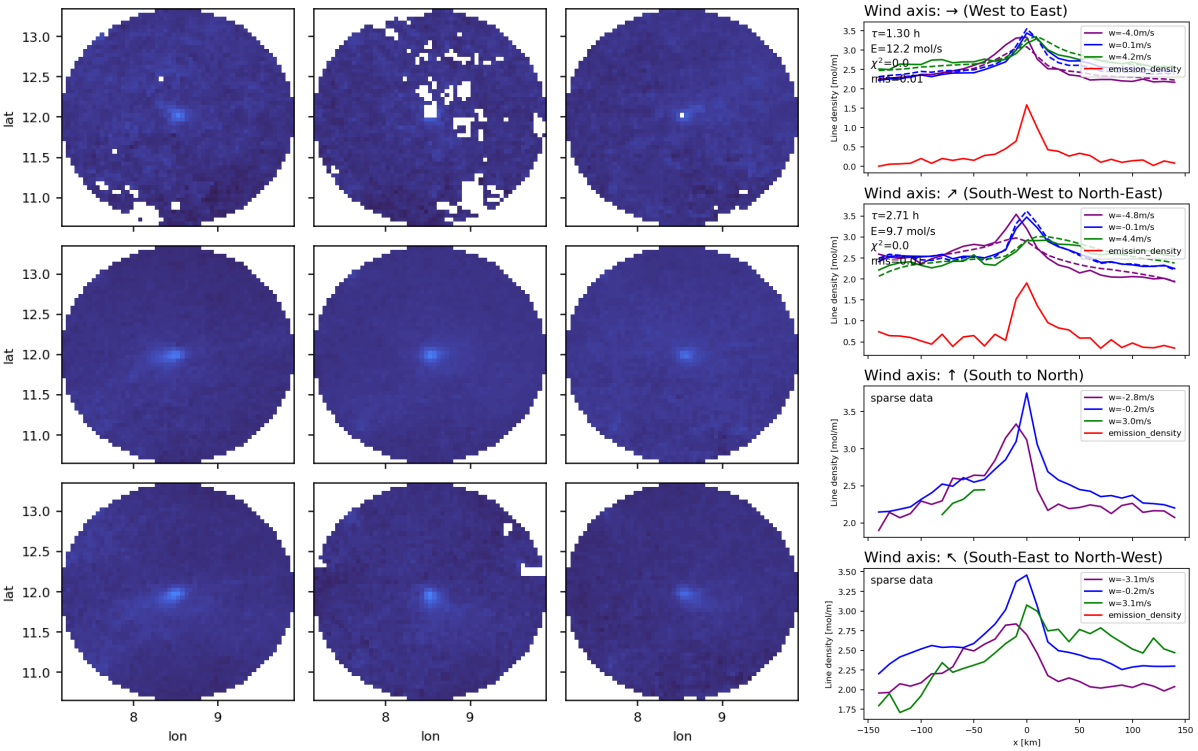
37.2 Spring



37.3 Summer

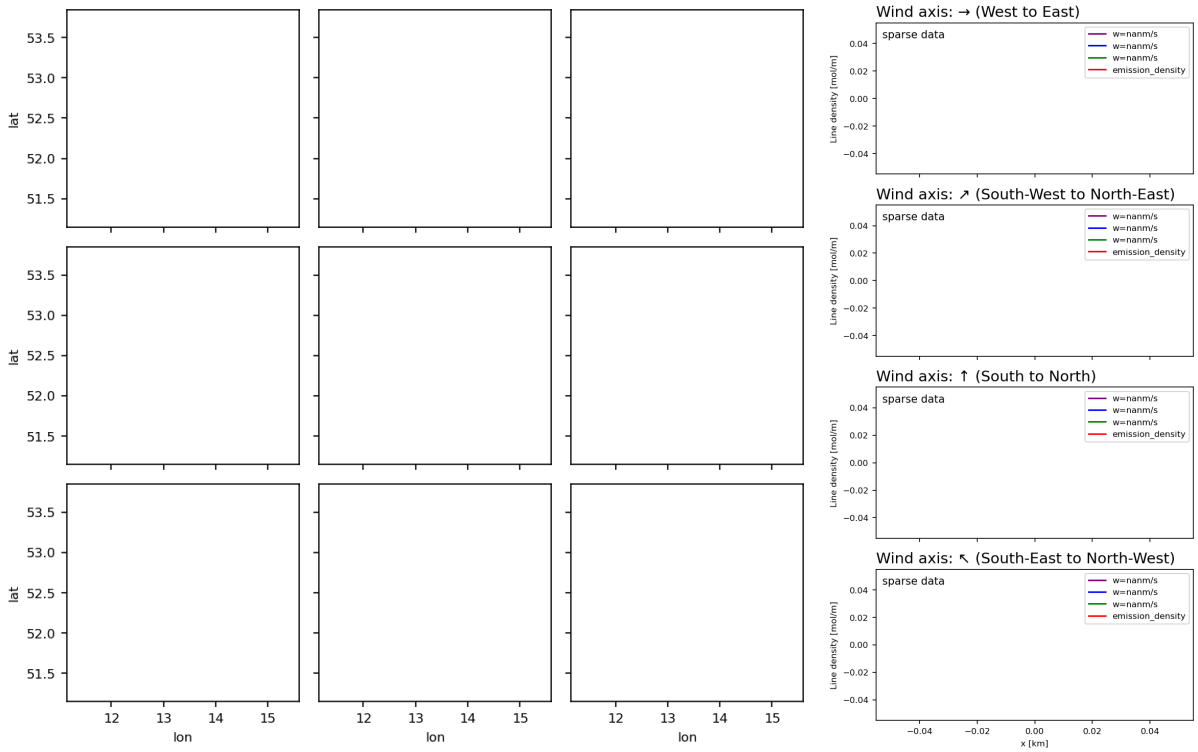


37.4 Autumn

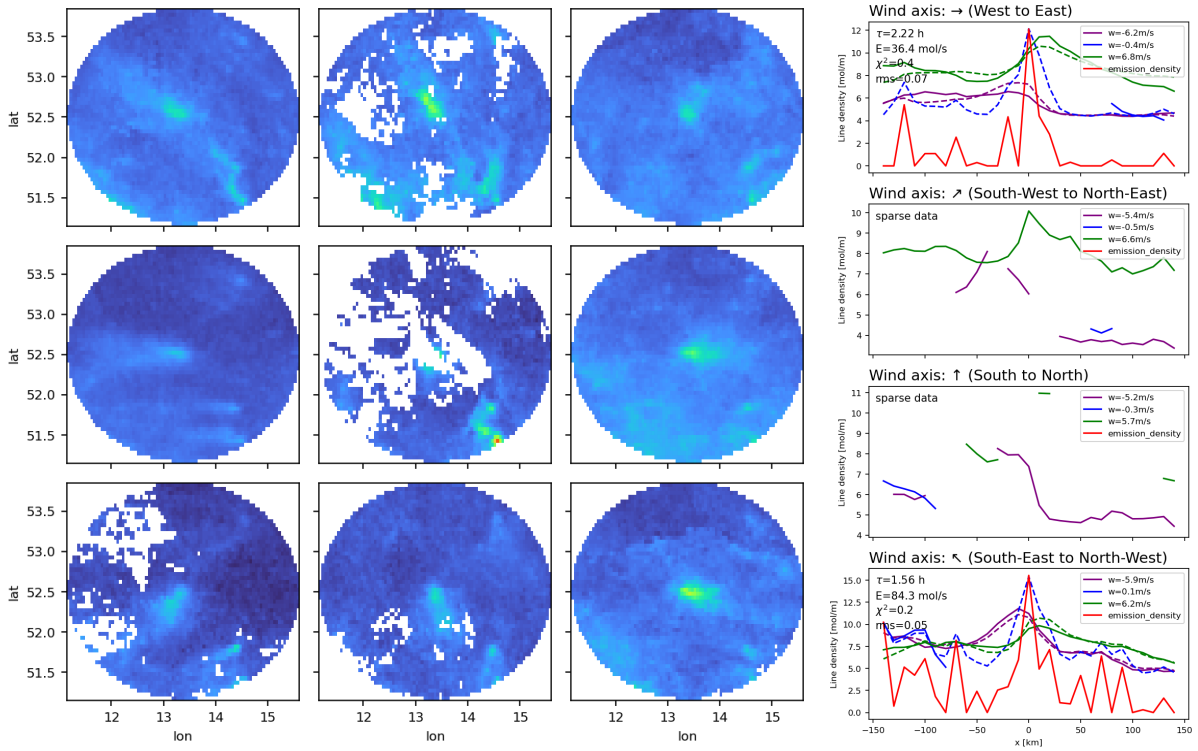


38 Berlin

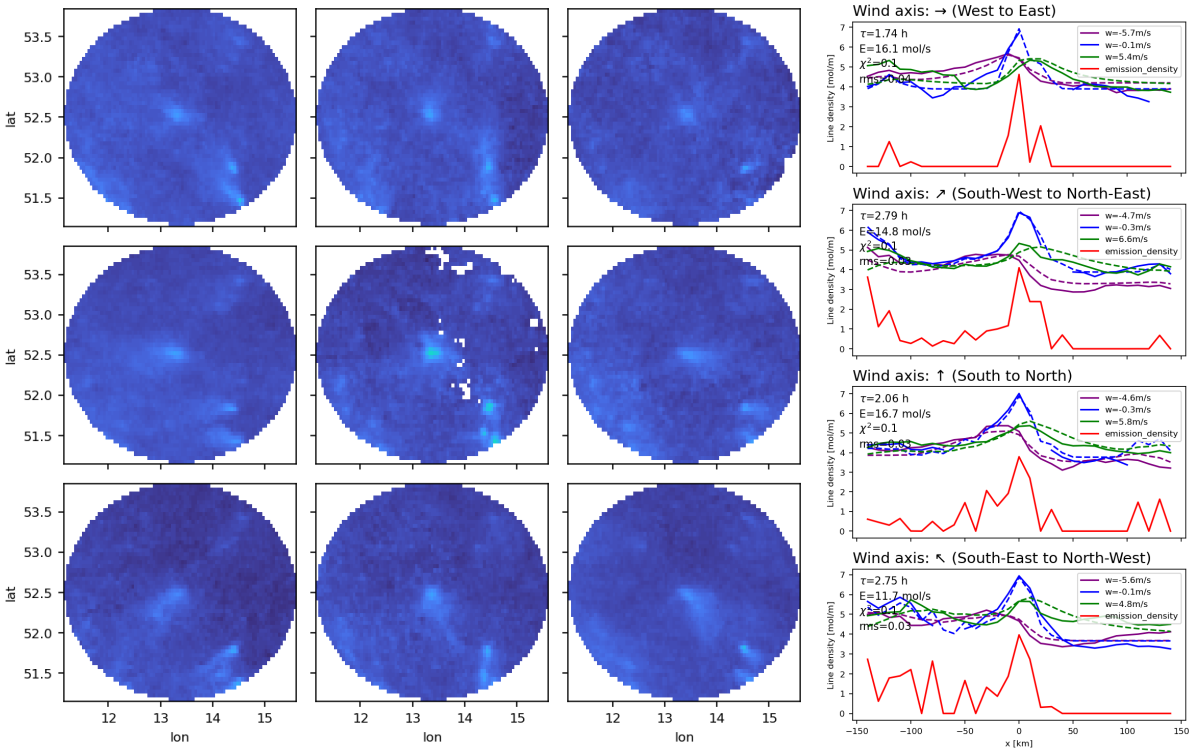
38.1 Winter



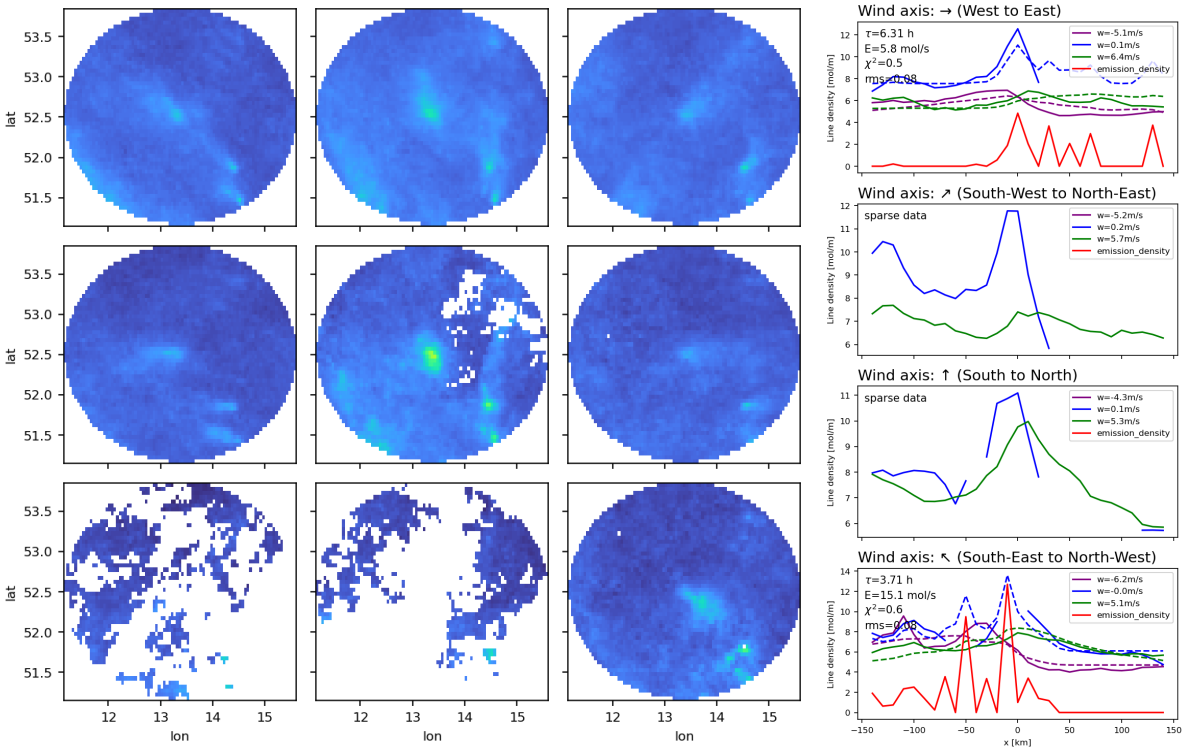
38.2 Spring



38.3 Summer

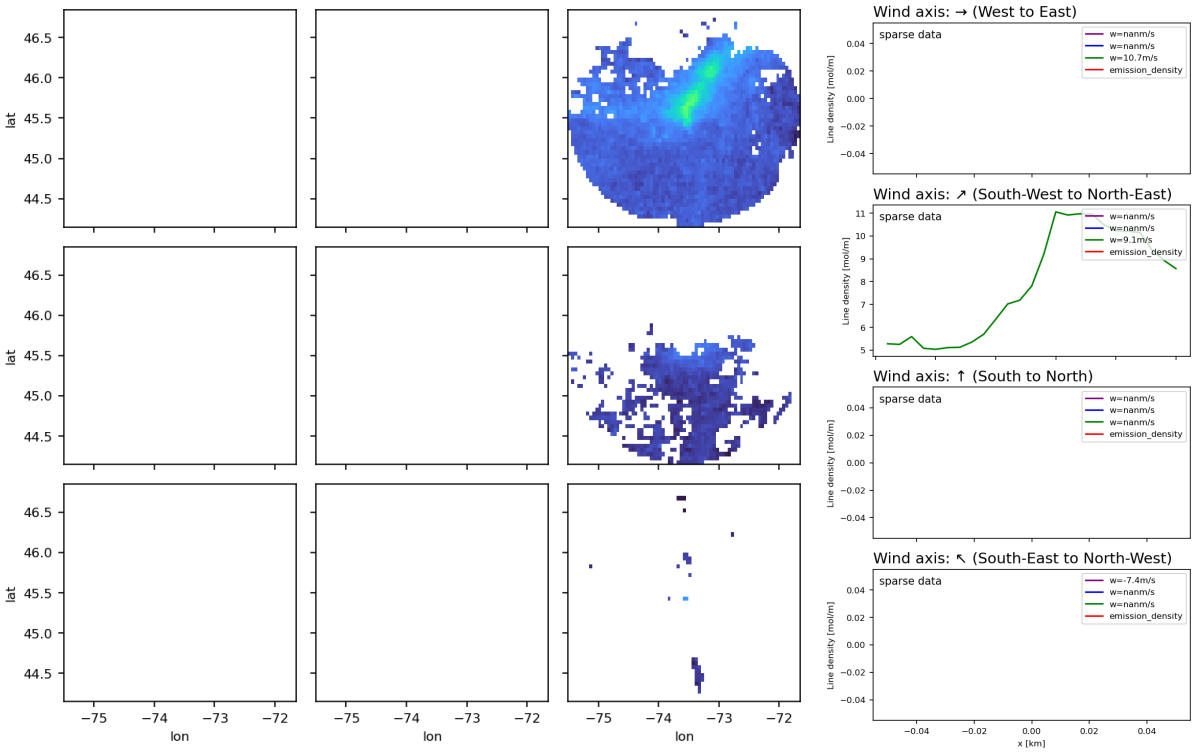


38.4 Autumn

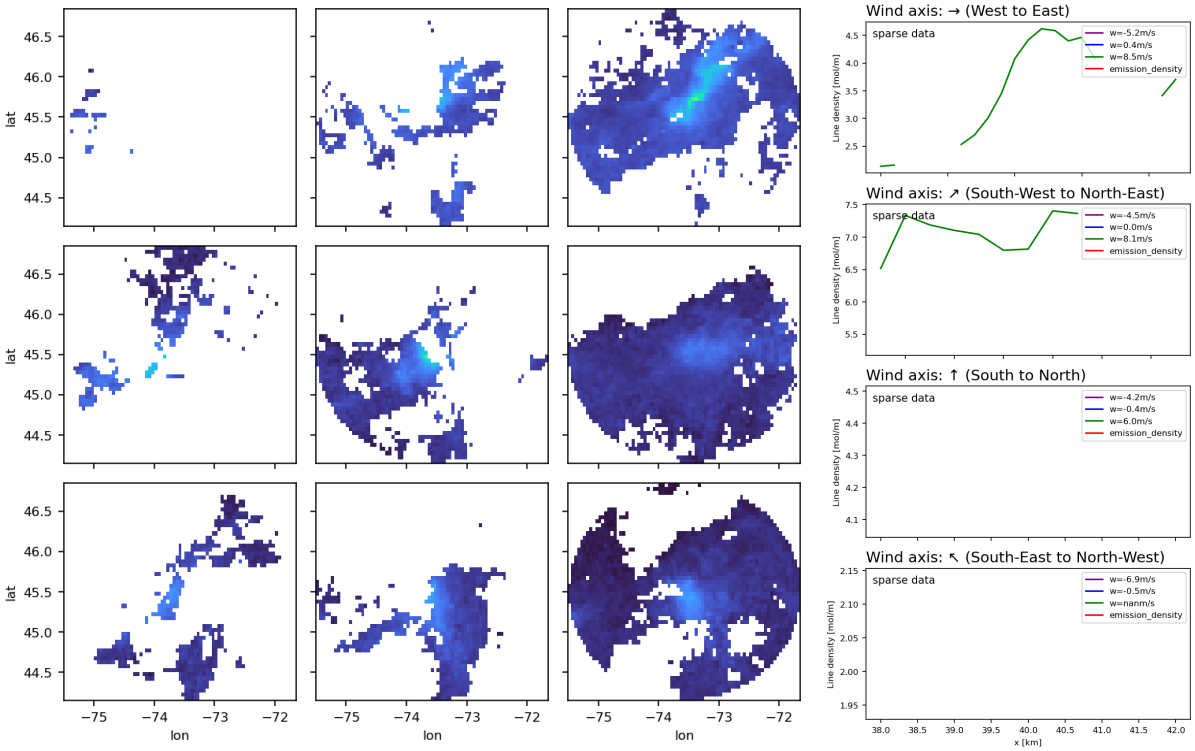


39 Montréal

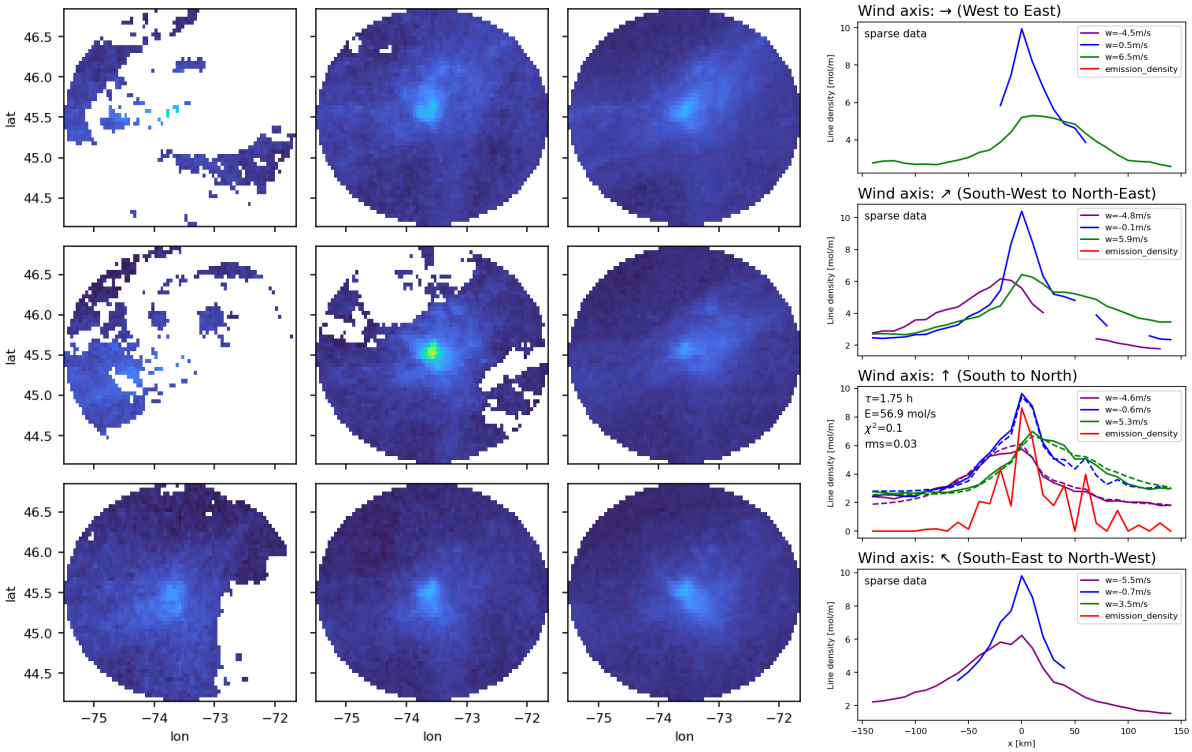
39.1 Winter



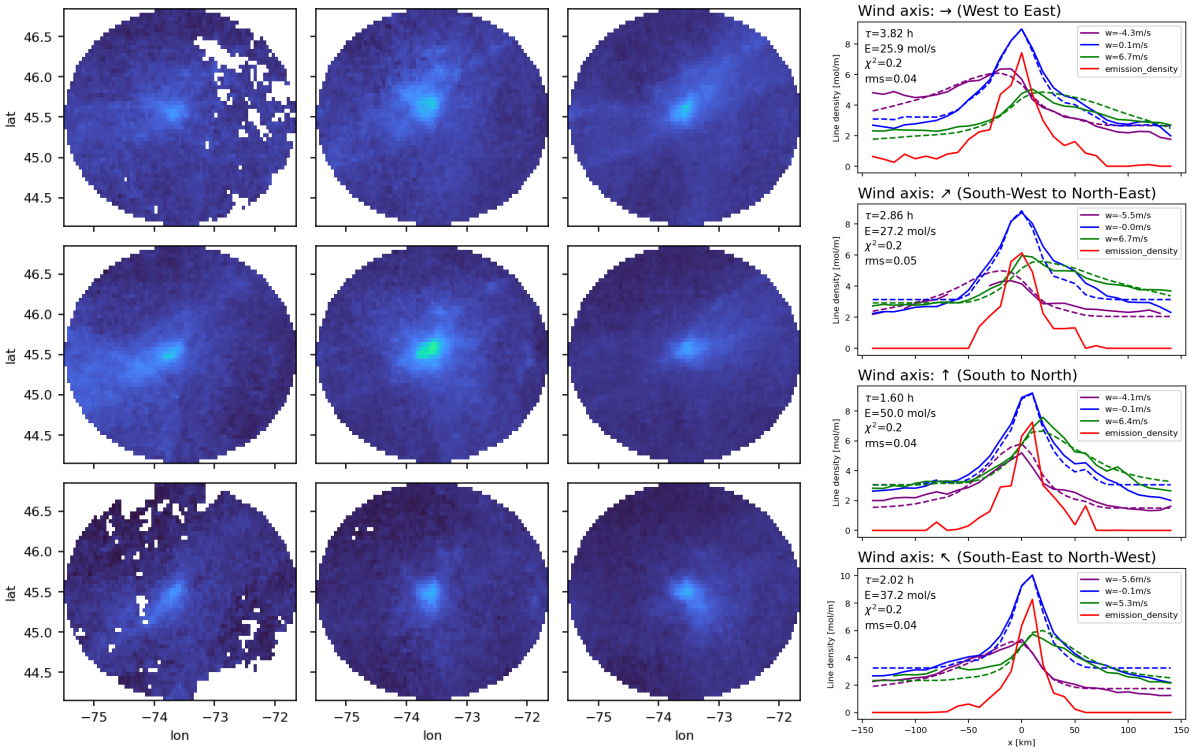
39.2 Spring



39.3 Summer

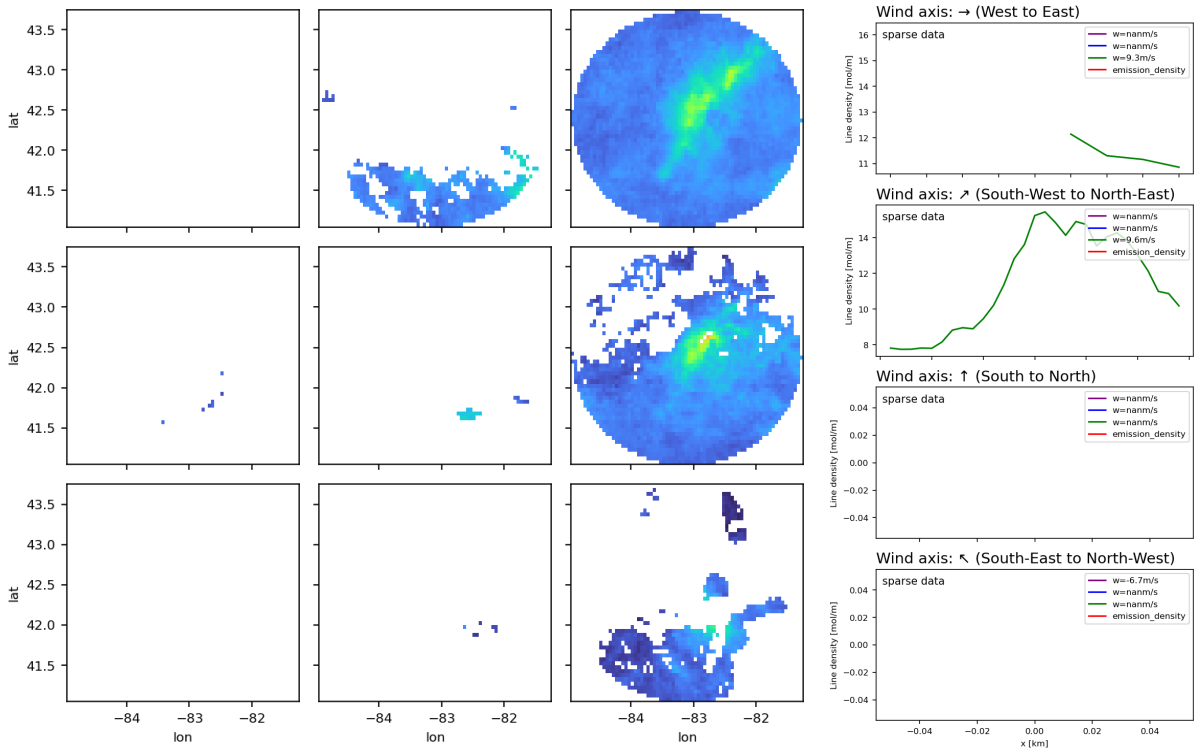


39.4 Autumn

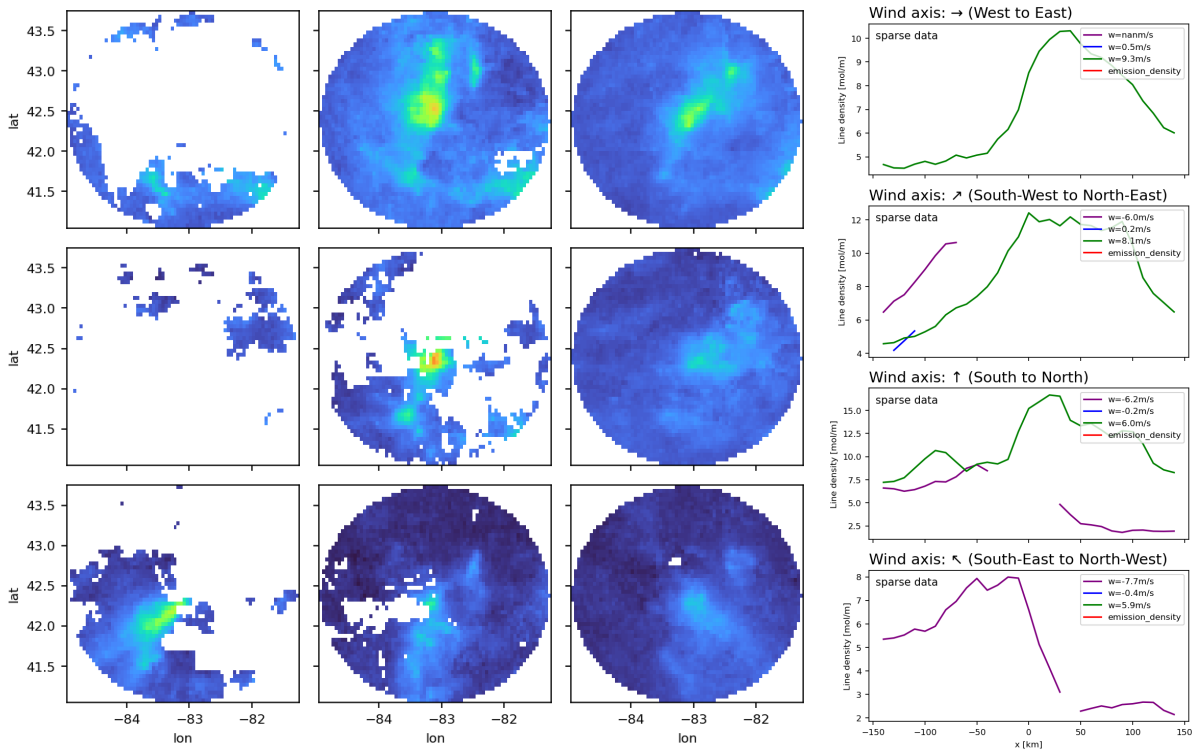


40 Detroit

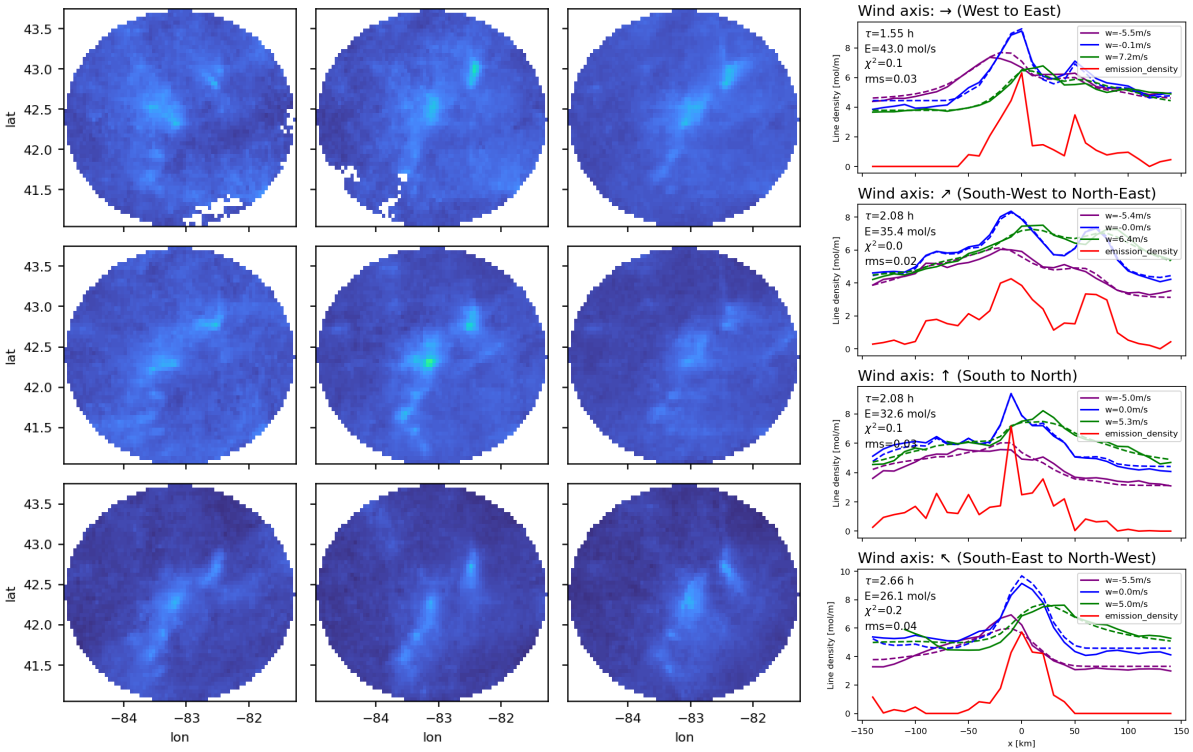
40.1 Winter



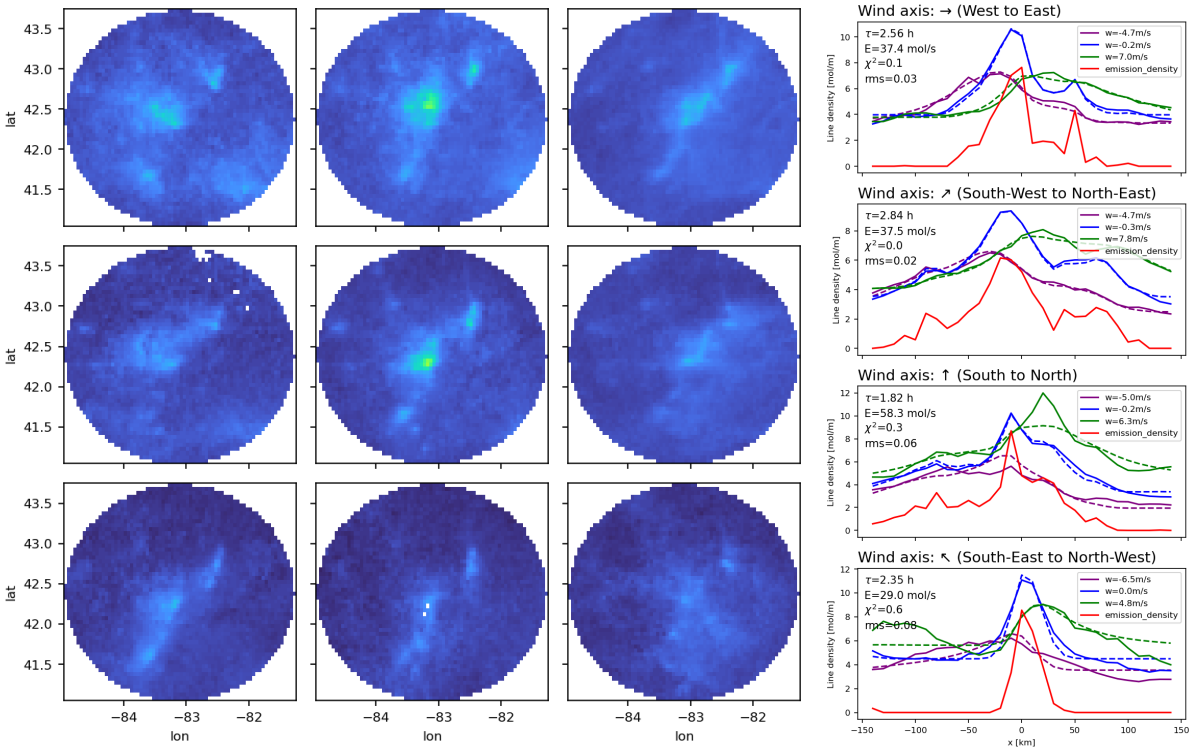
40.2 Spring



40.3 Summer

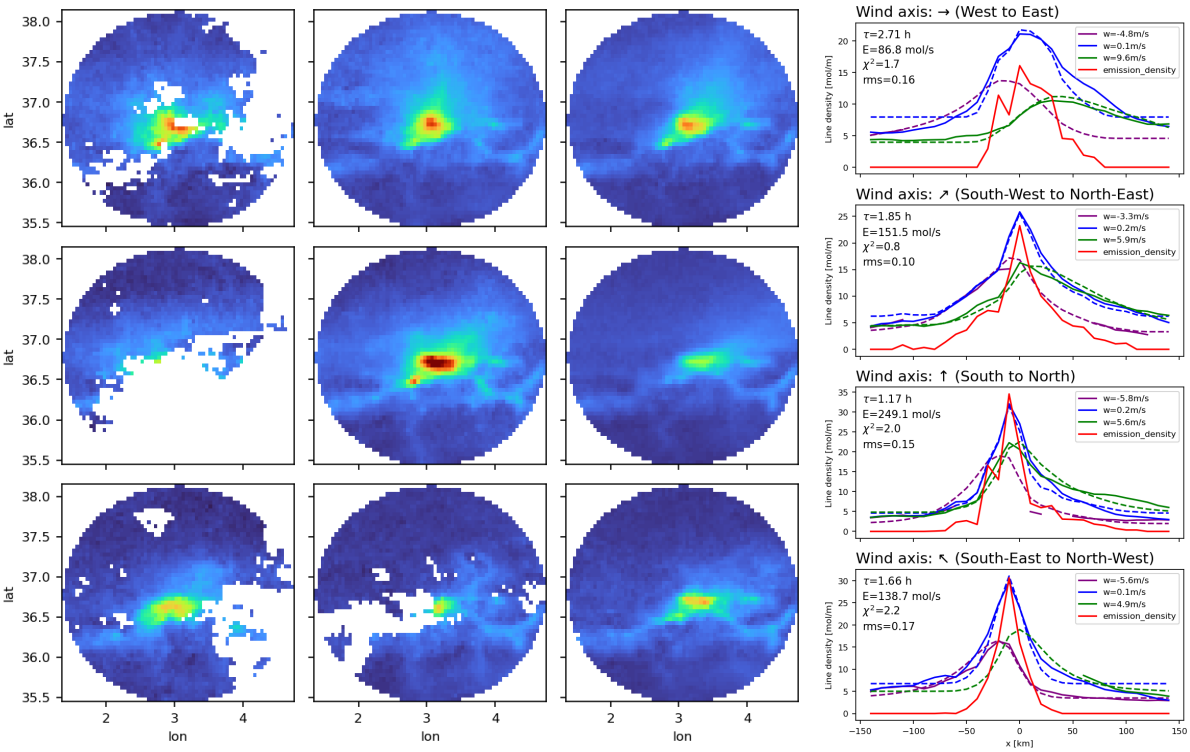


40.4 Autumn

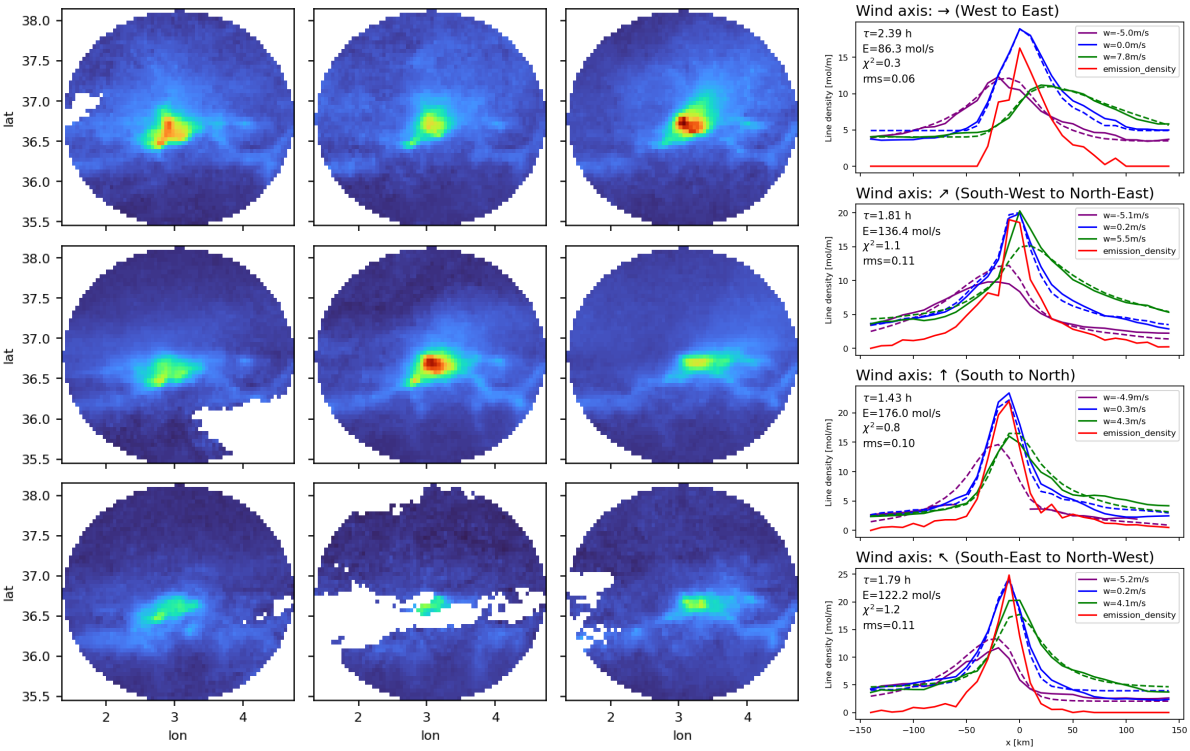


41 Algiers

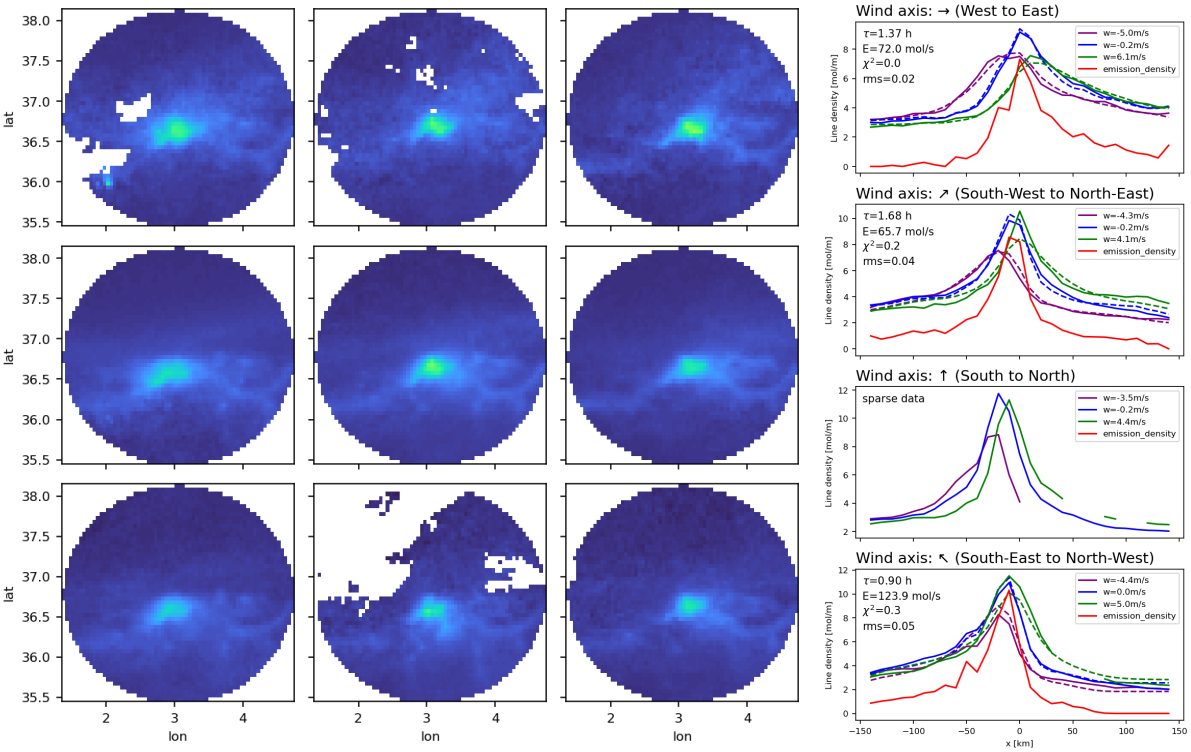
41.1 Winter



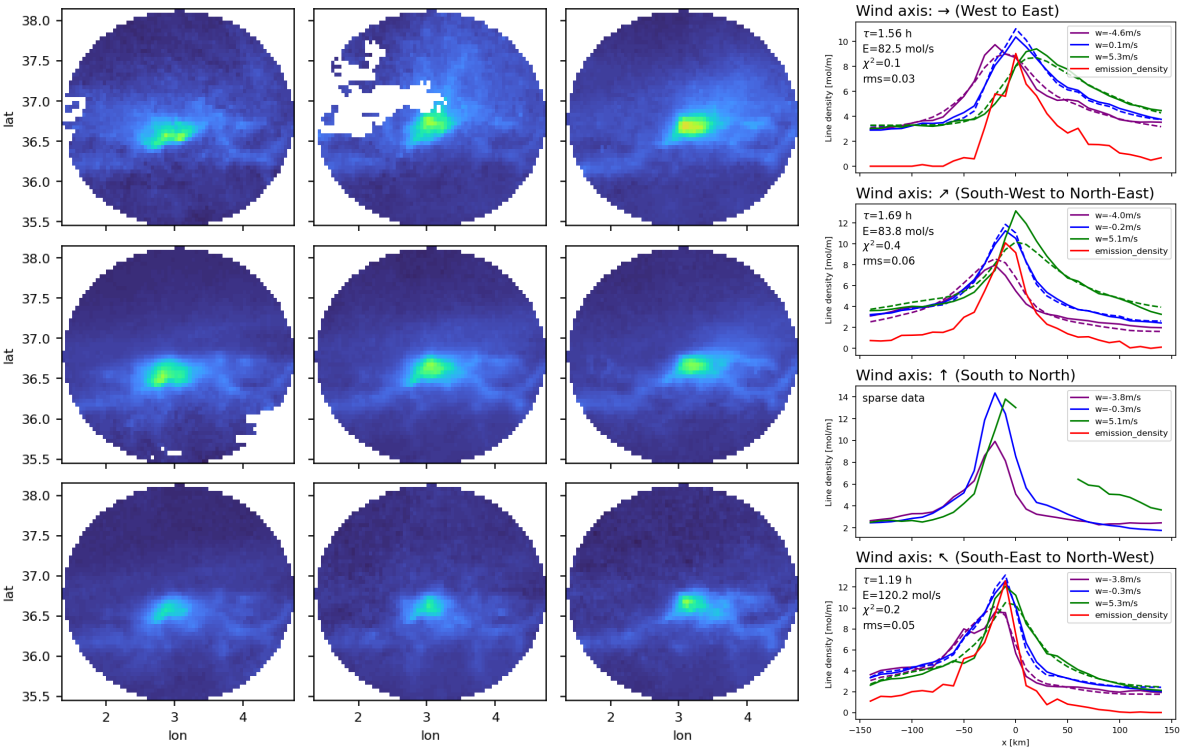
41.2 Spring



41.3 Summer

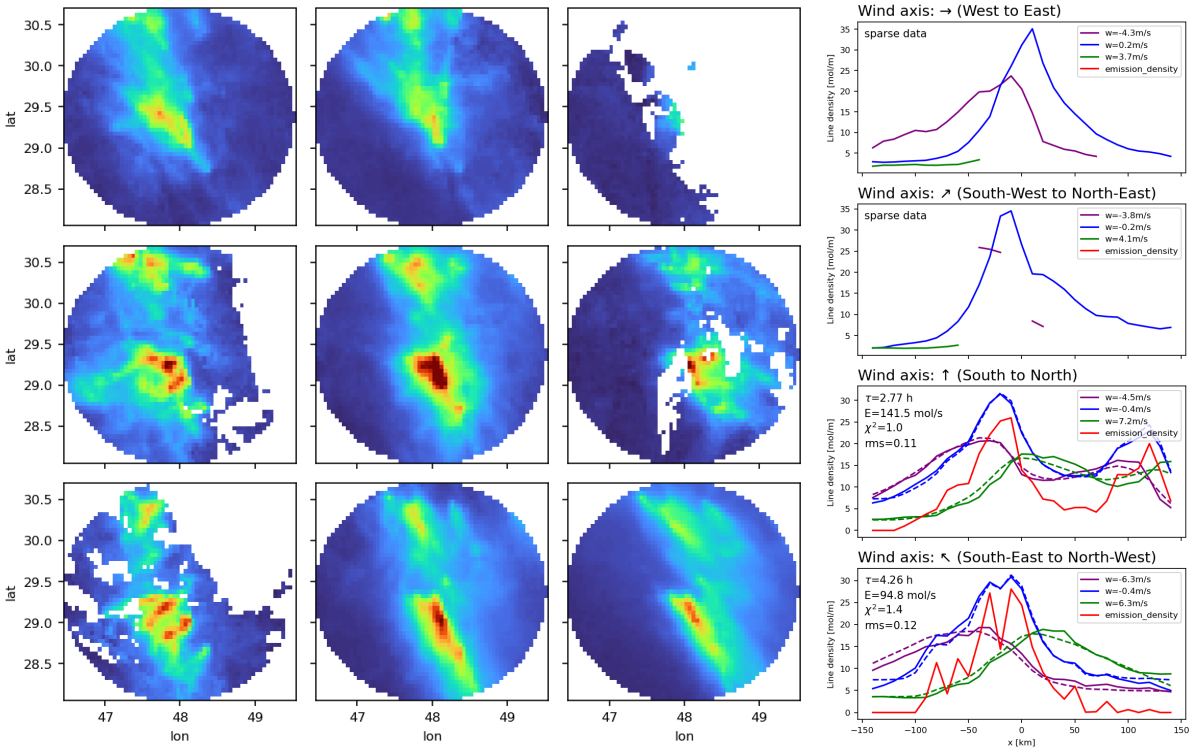


41.4 Autumn

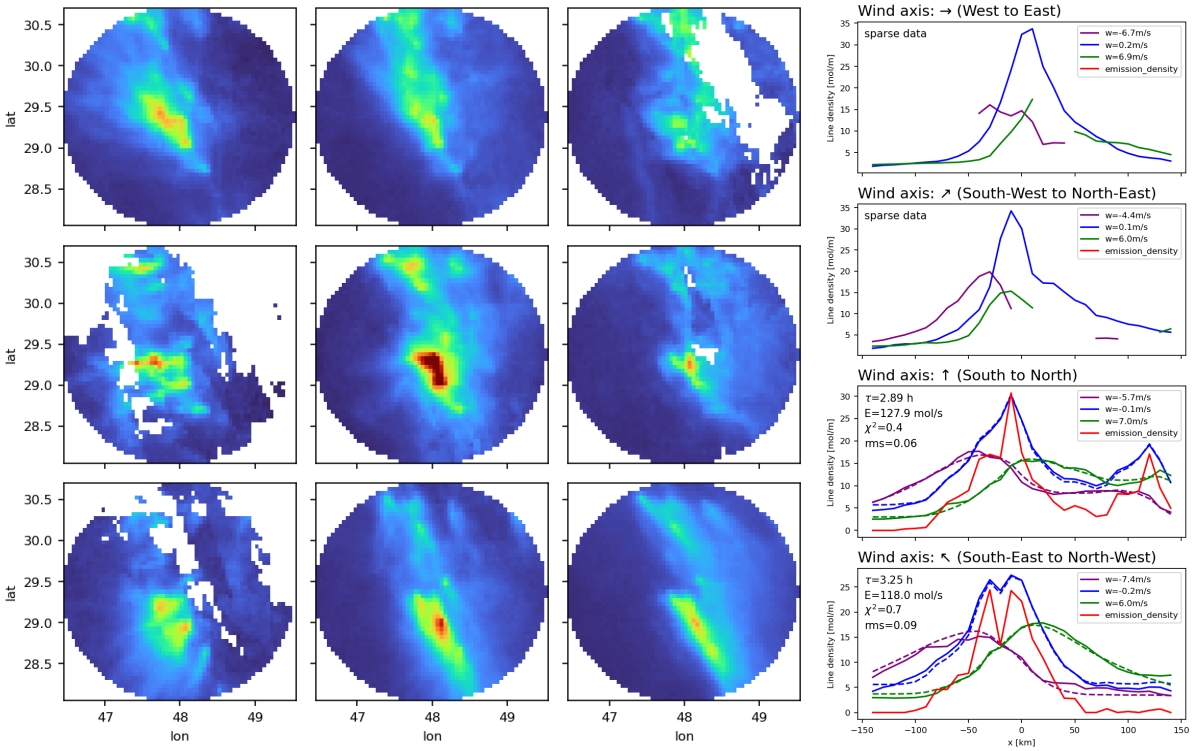


42 Kuwait City

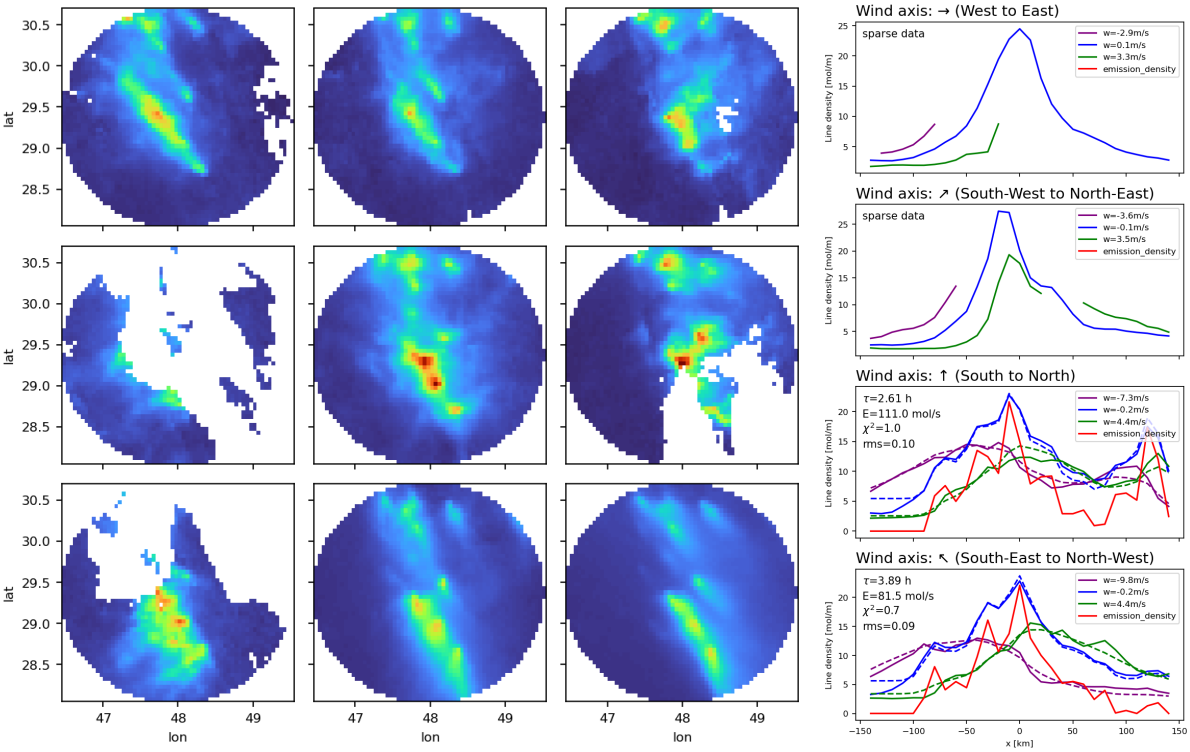
42.1 Winter



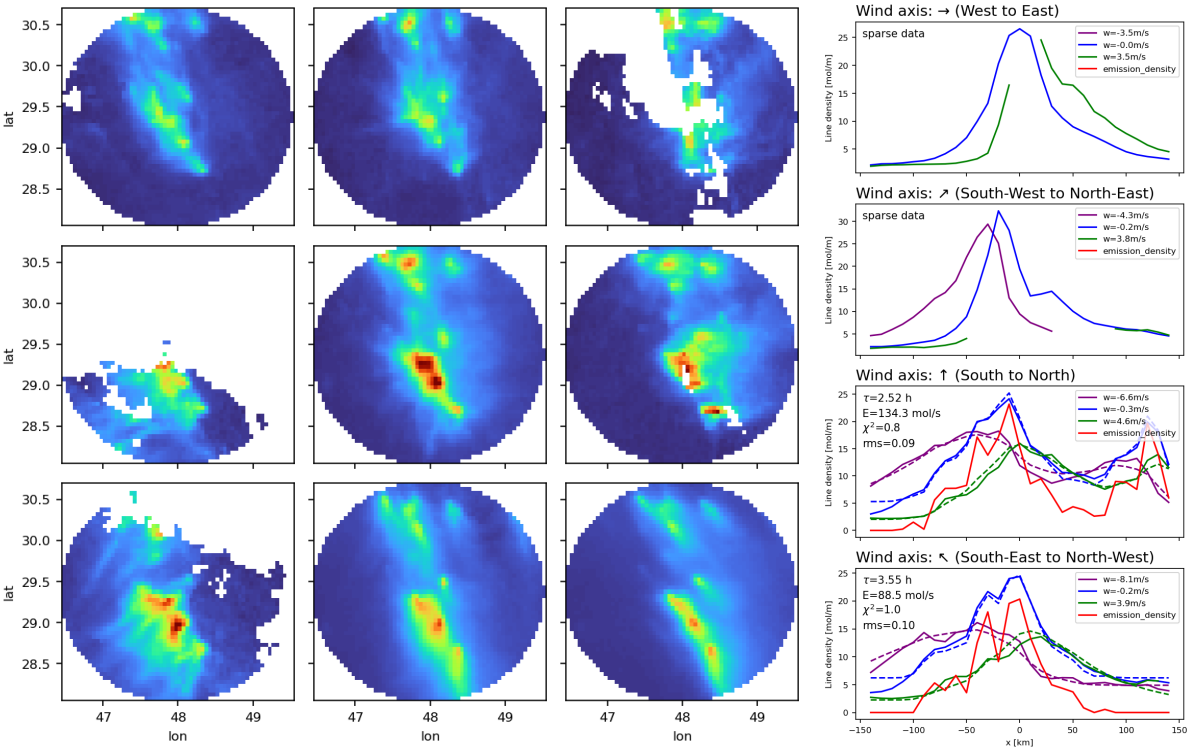
42.2 Spring



42.3 Summer

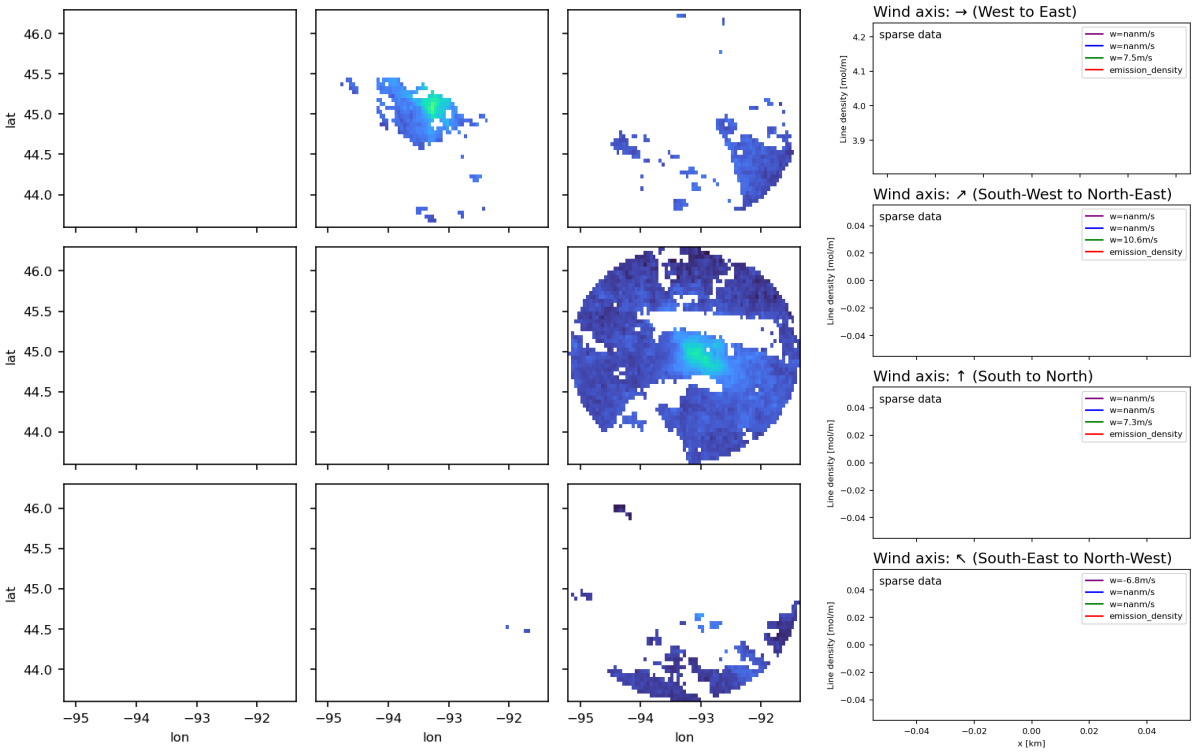


42.4 Autumn

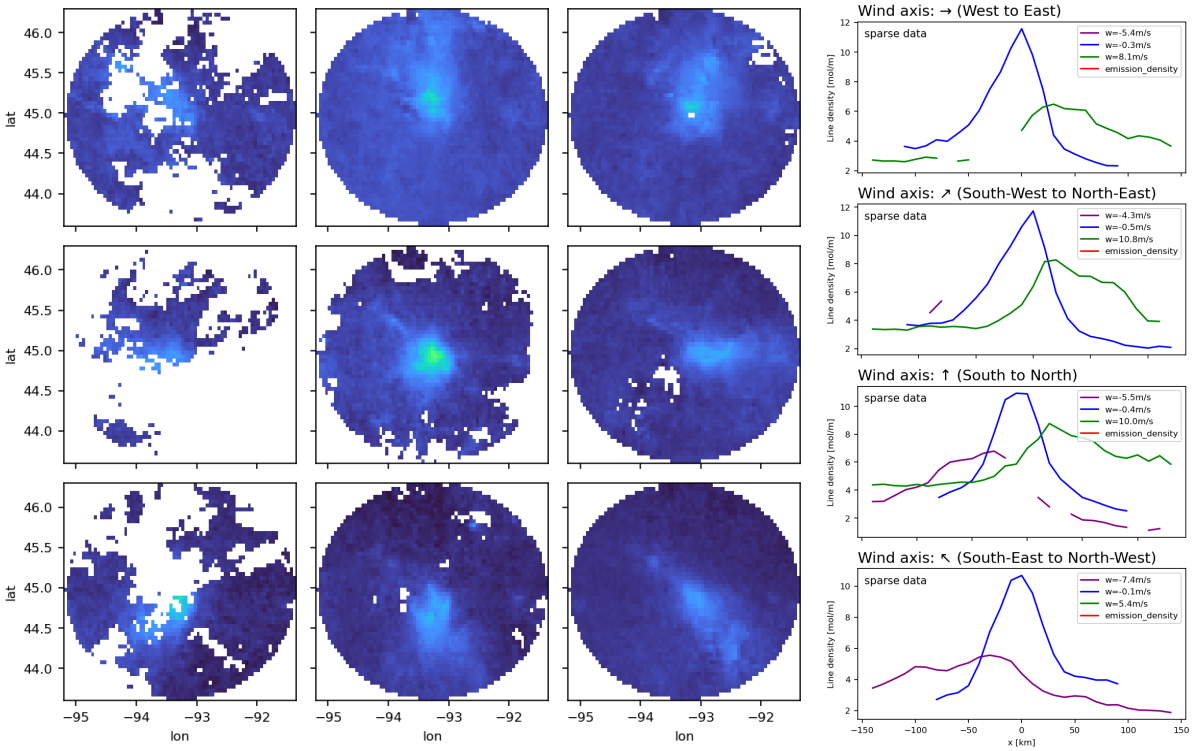


43 Minneapolis

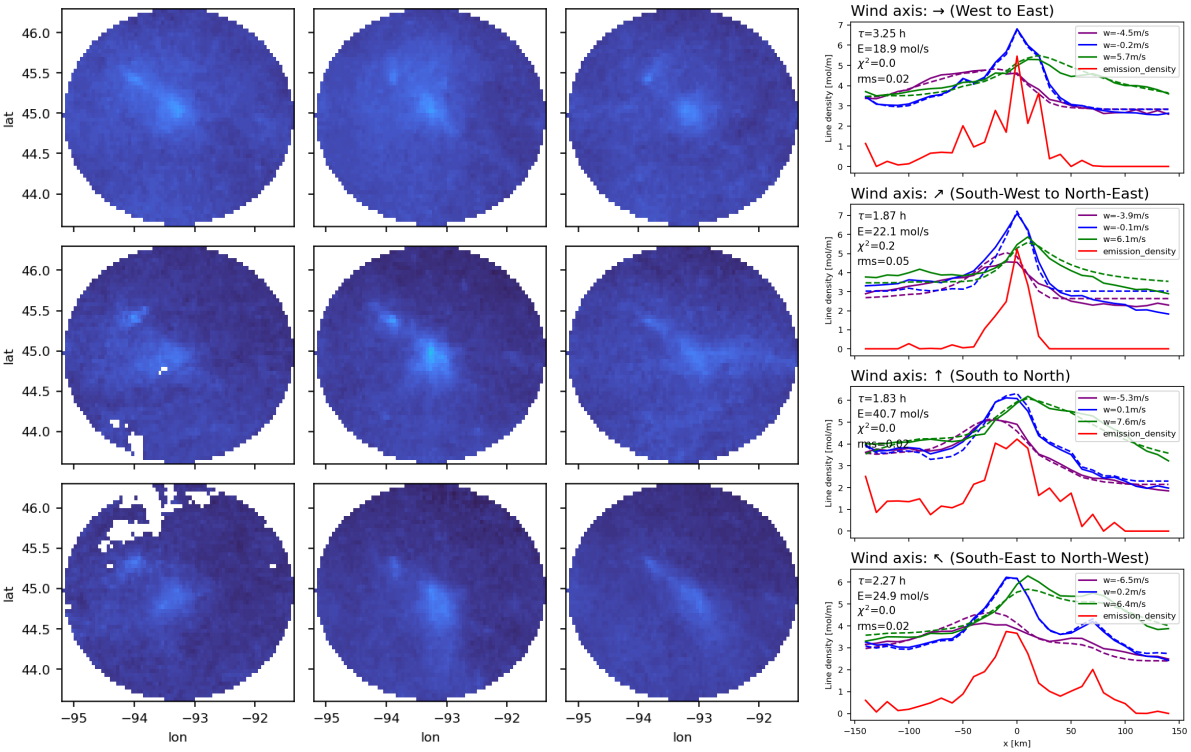
43.1 Winter



43.2 Spring



43.3 Summer



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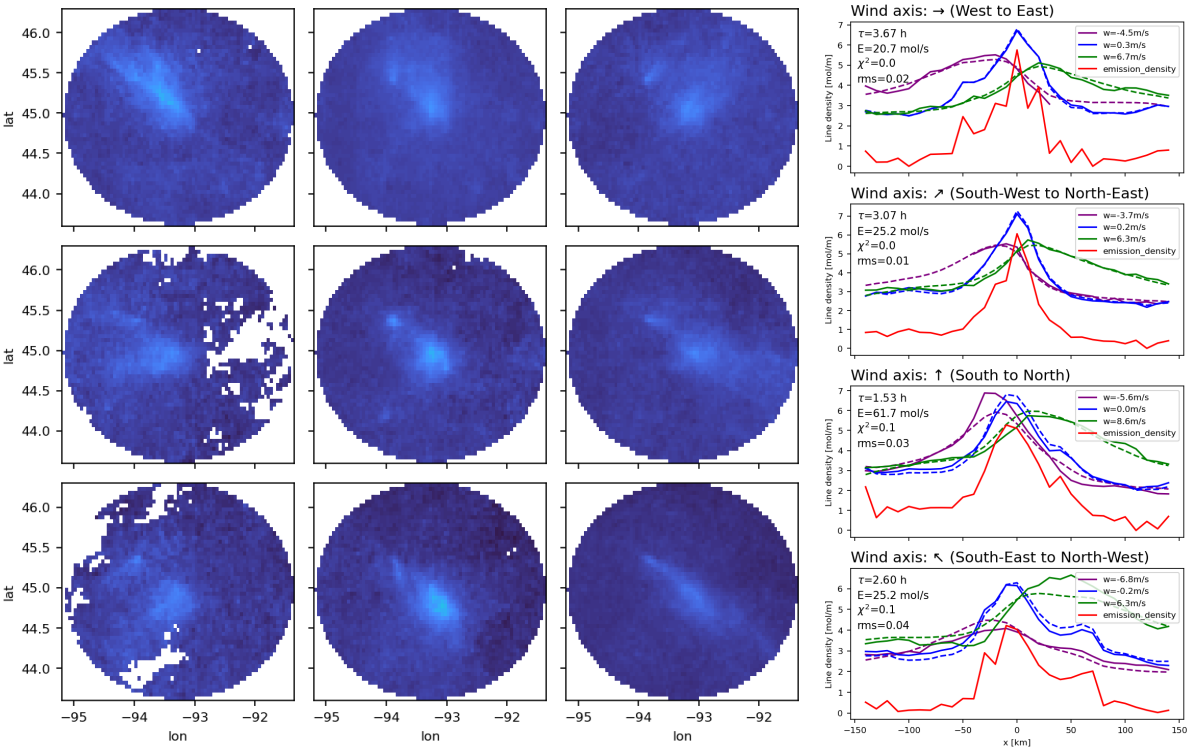
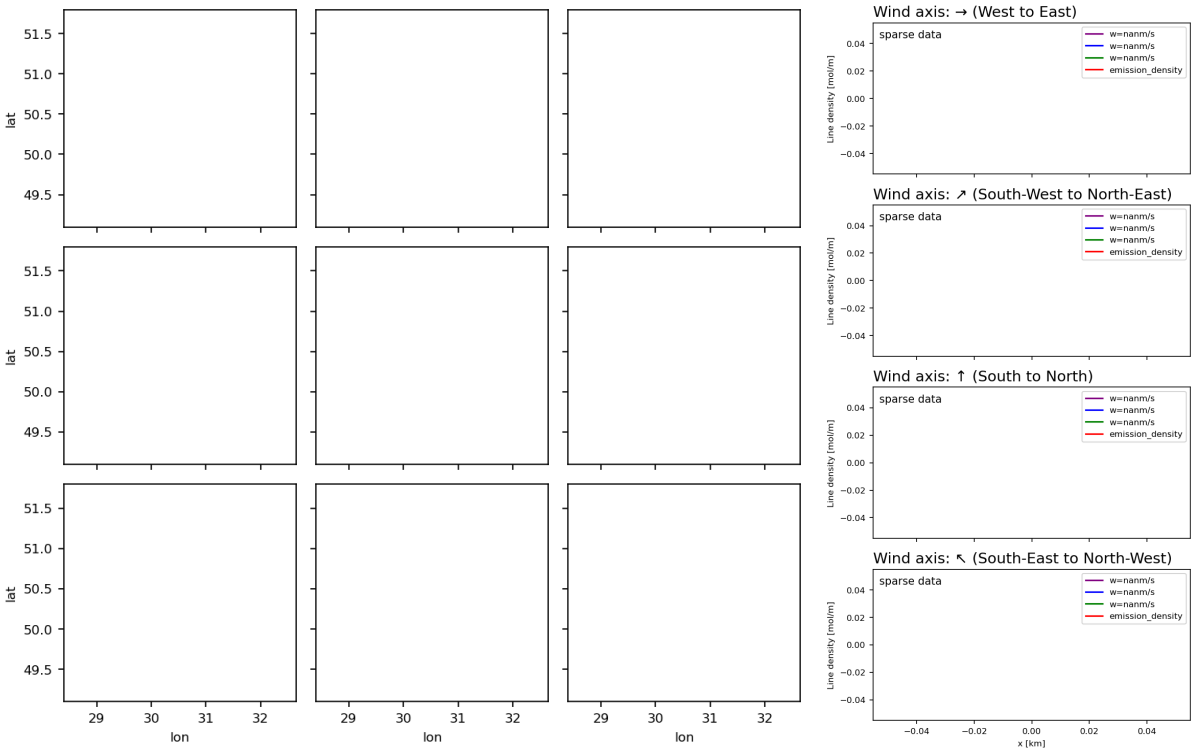
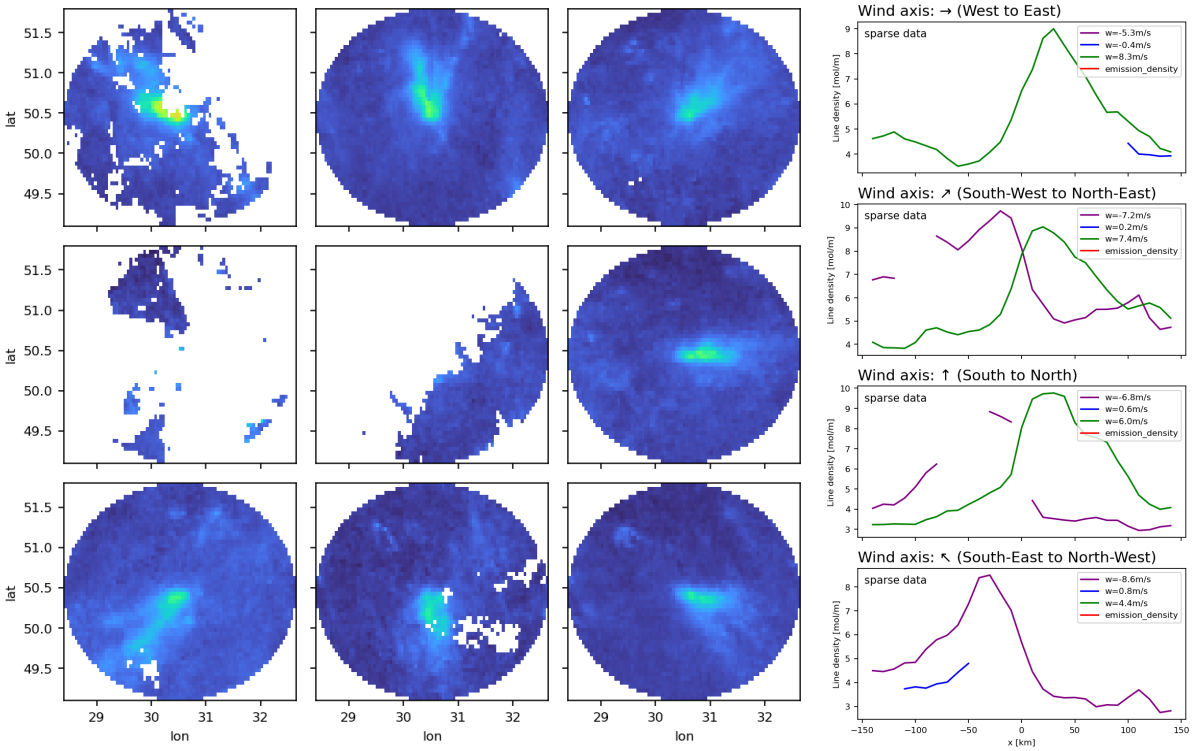


44 Kyiv

44.1 Winter



44.2 Spring



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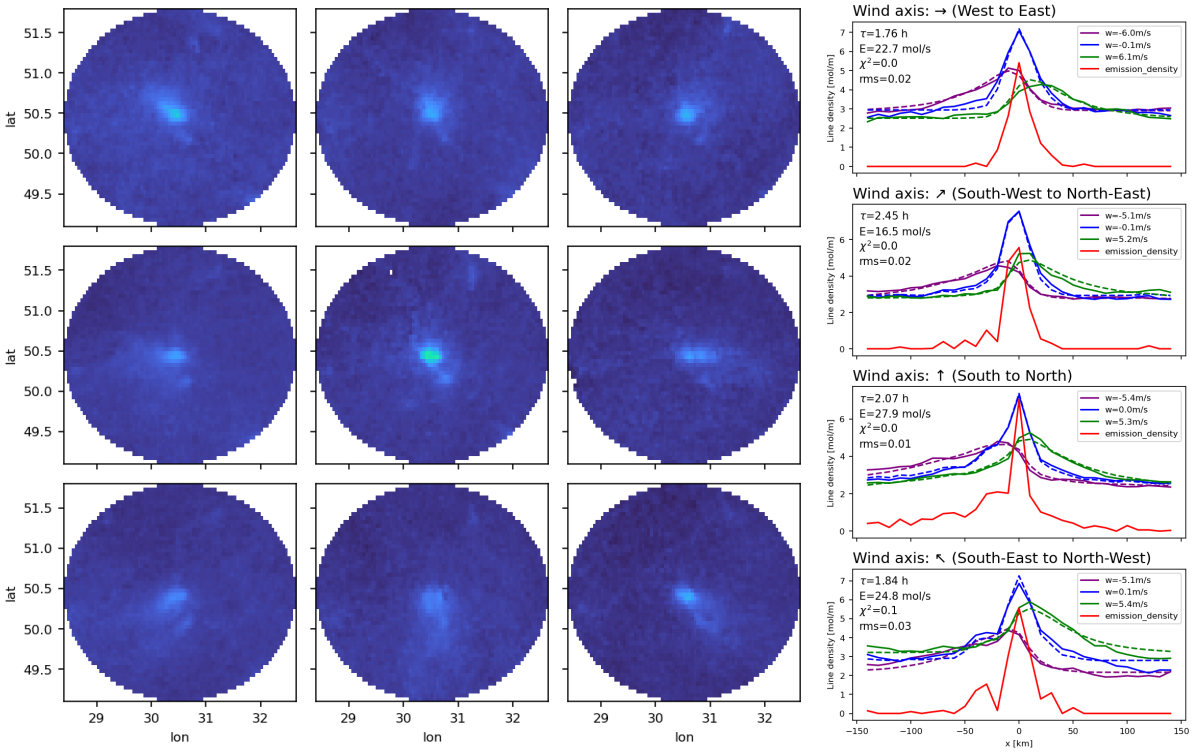
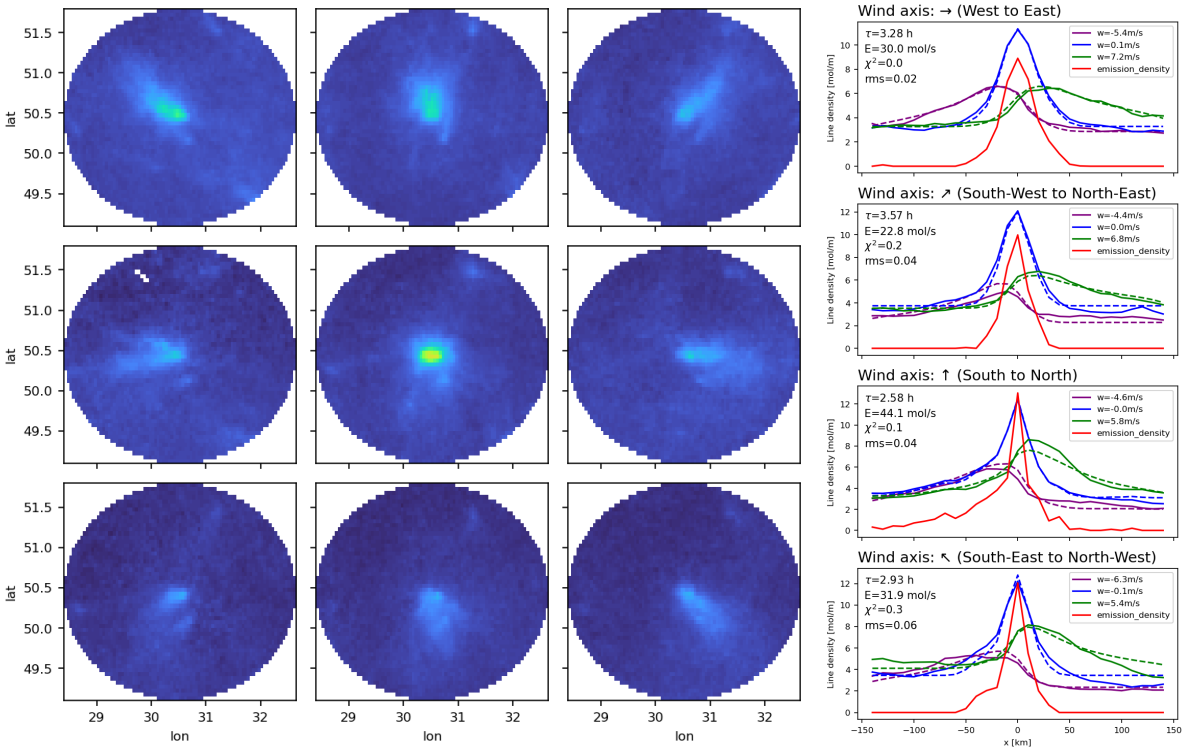
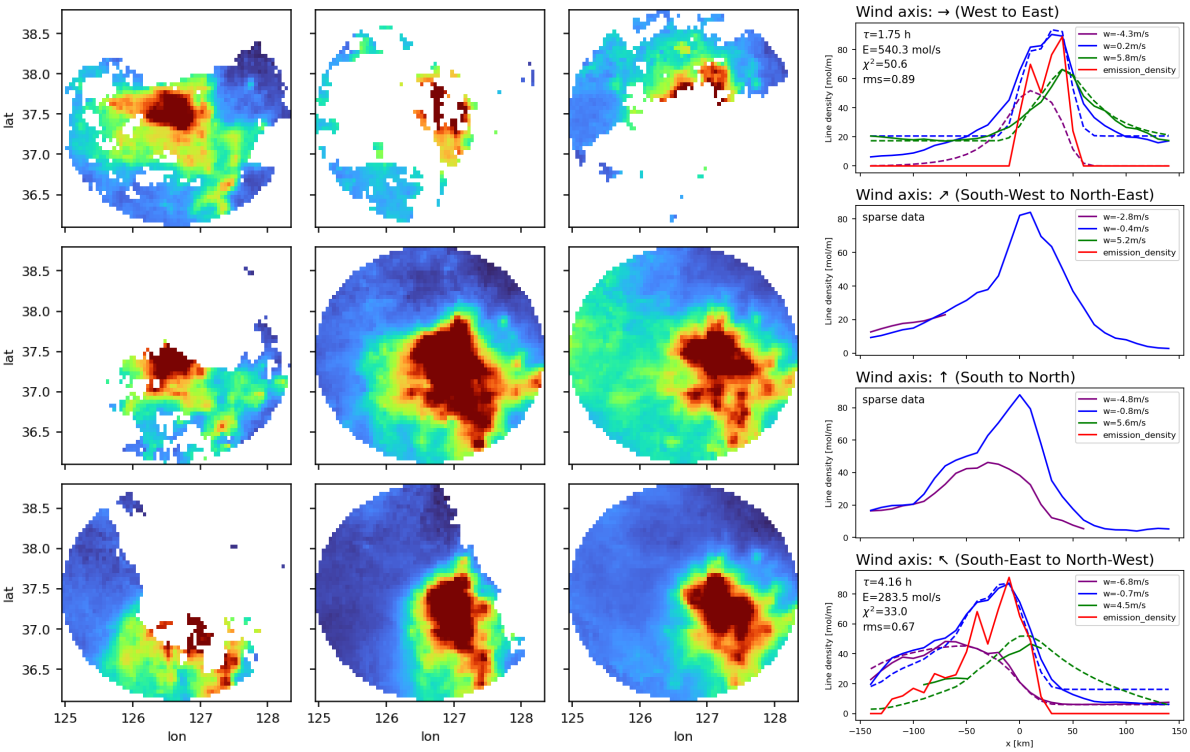


44.4 Autumn

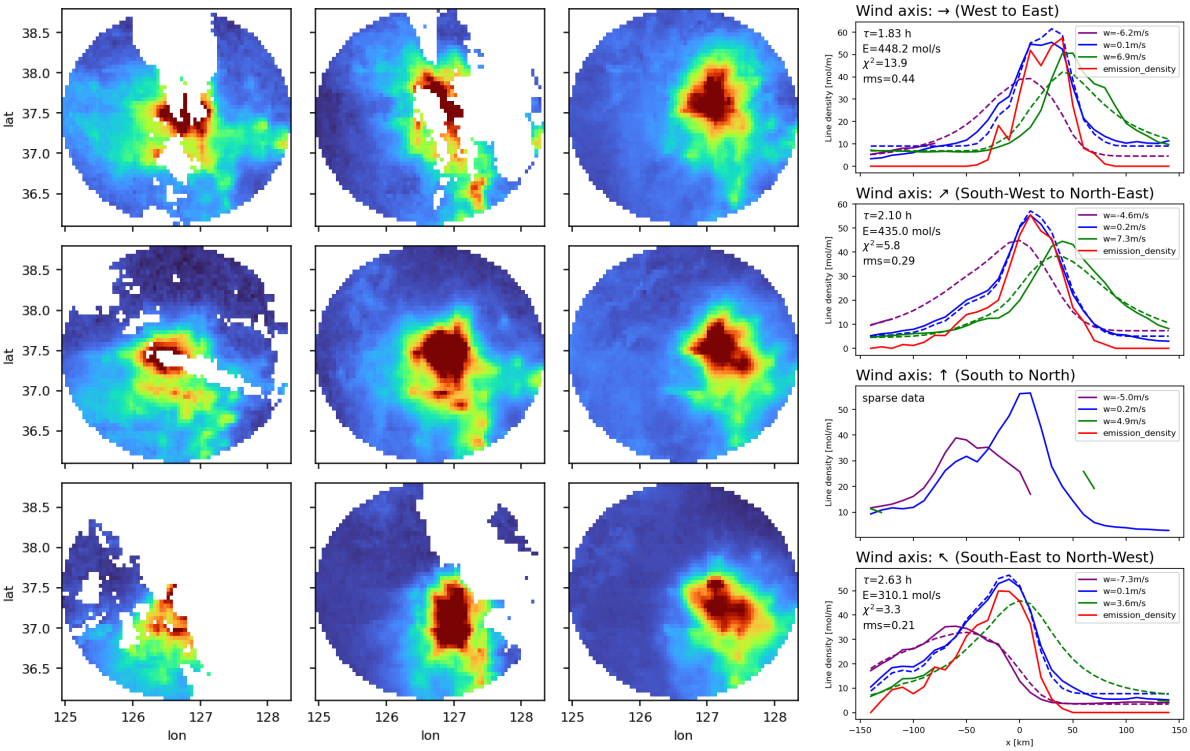


45 Incheon

45.1 Winter



45.2 Spring



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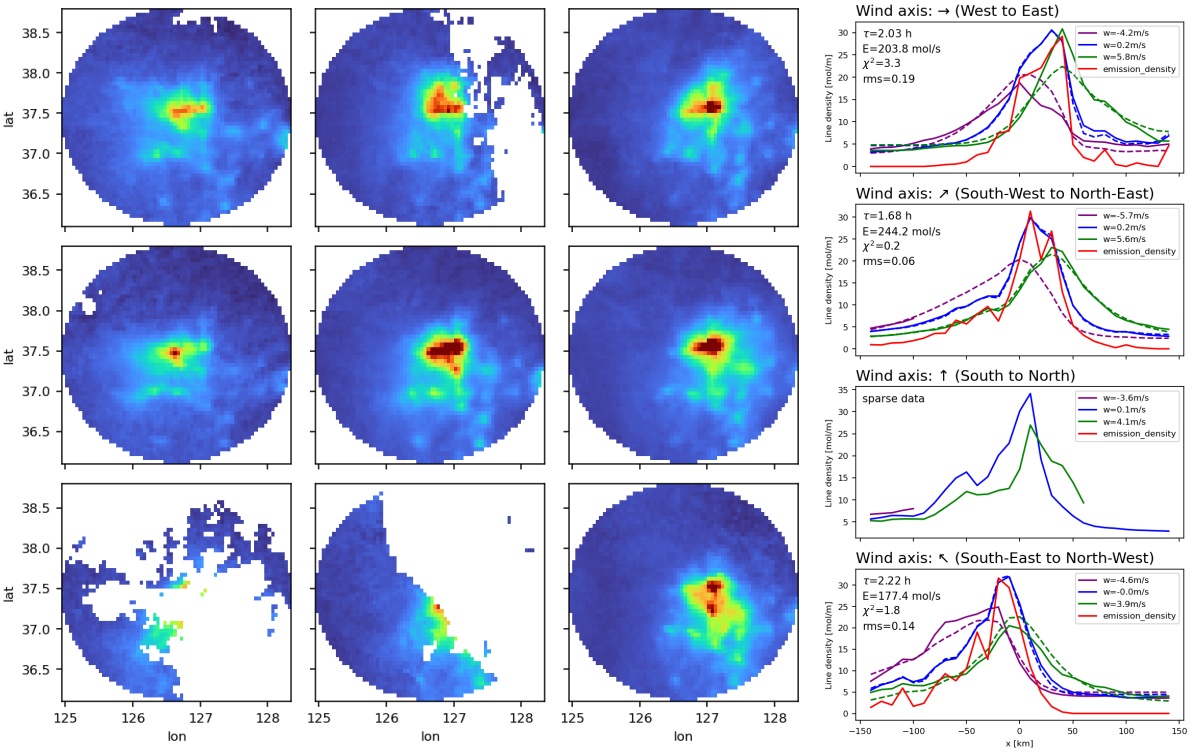
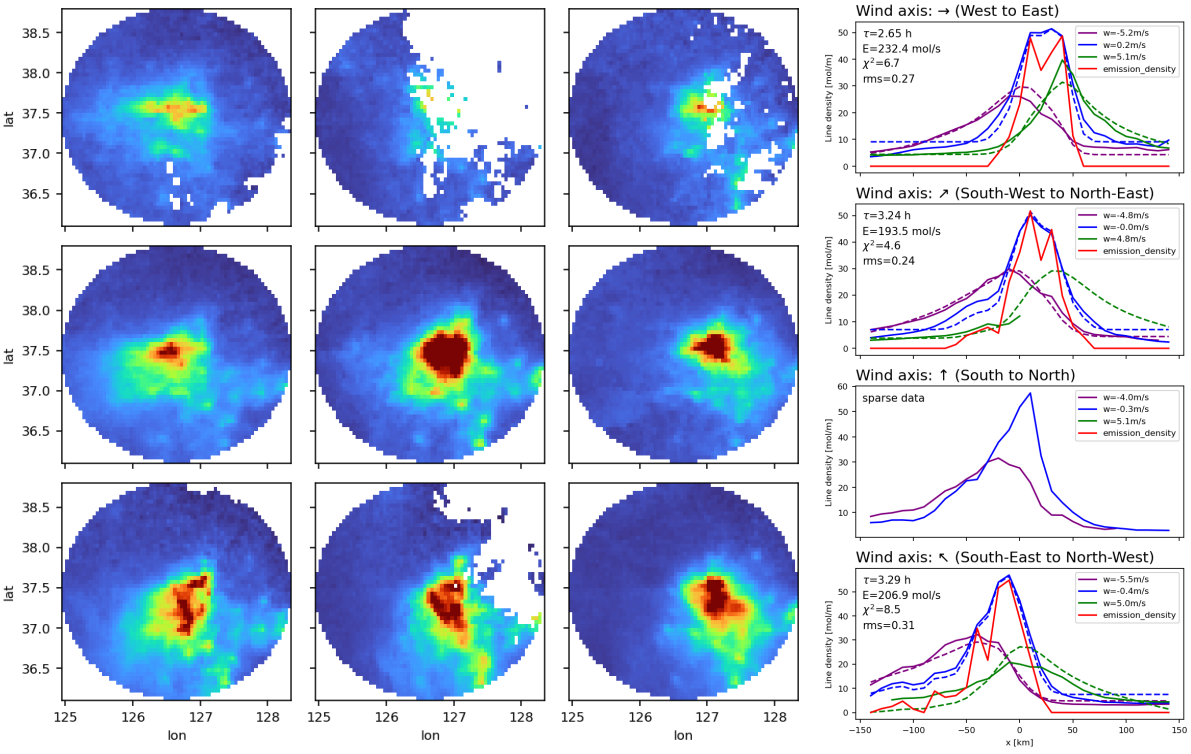
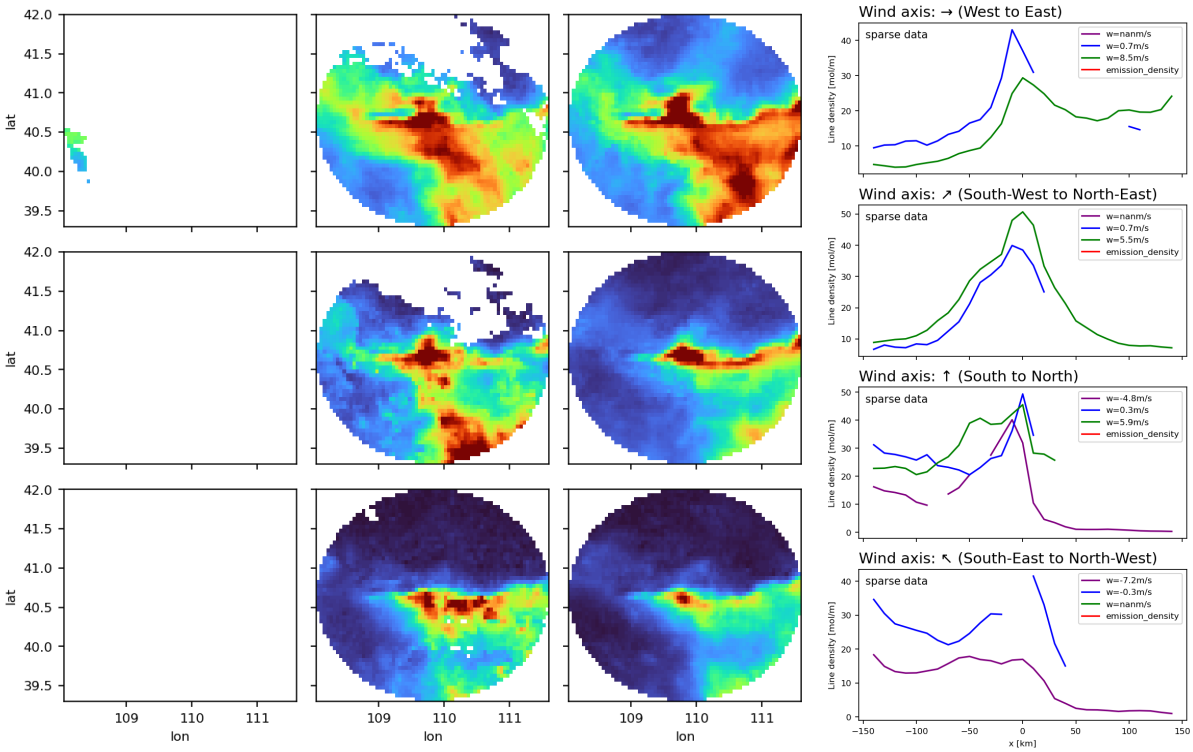


45.4 Autumn

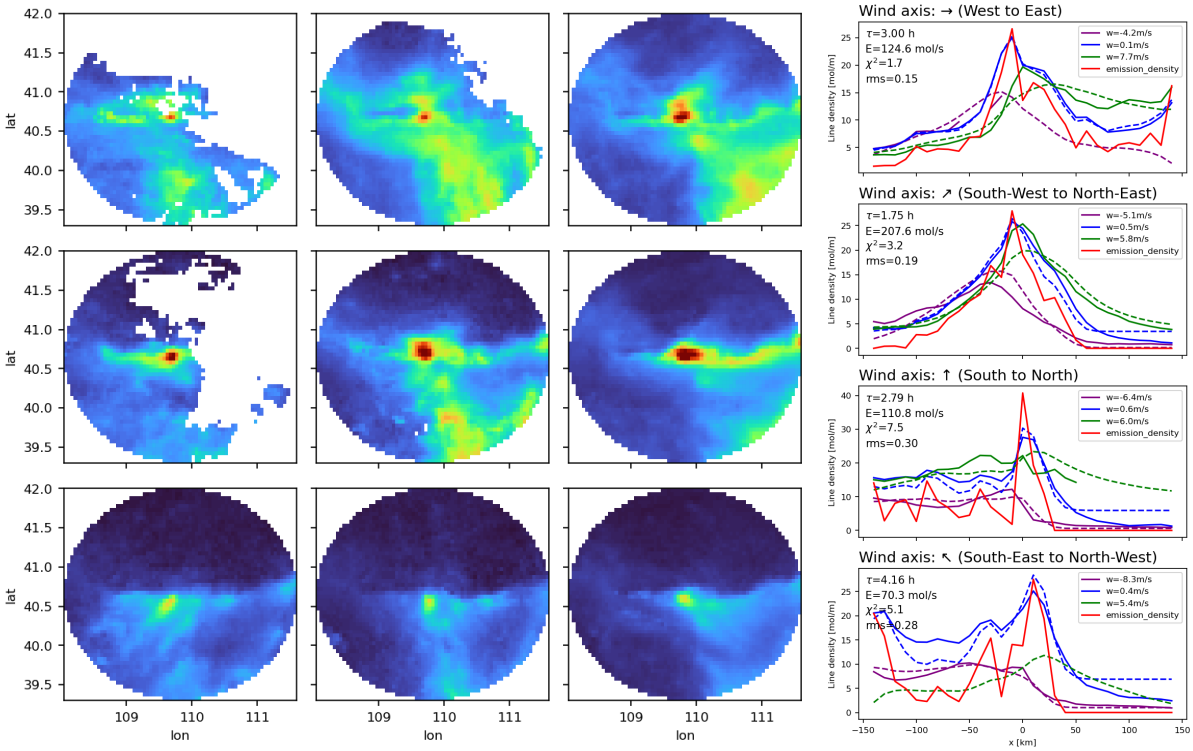


46 Baotou

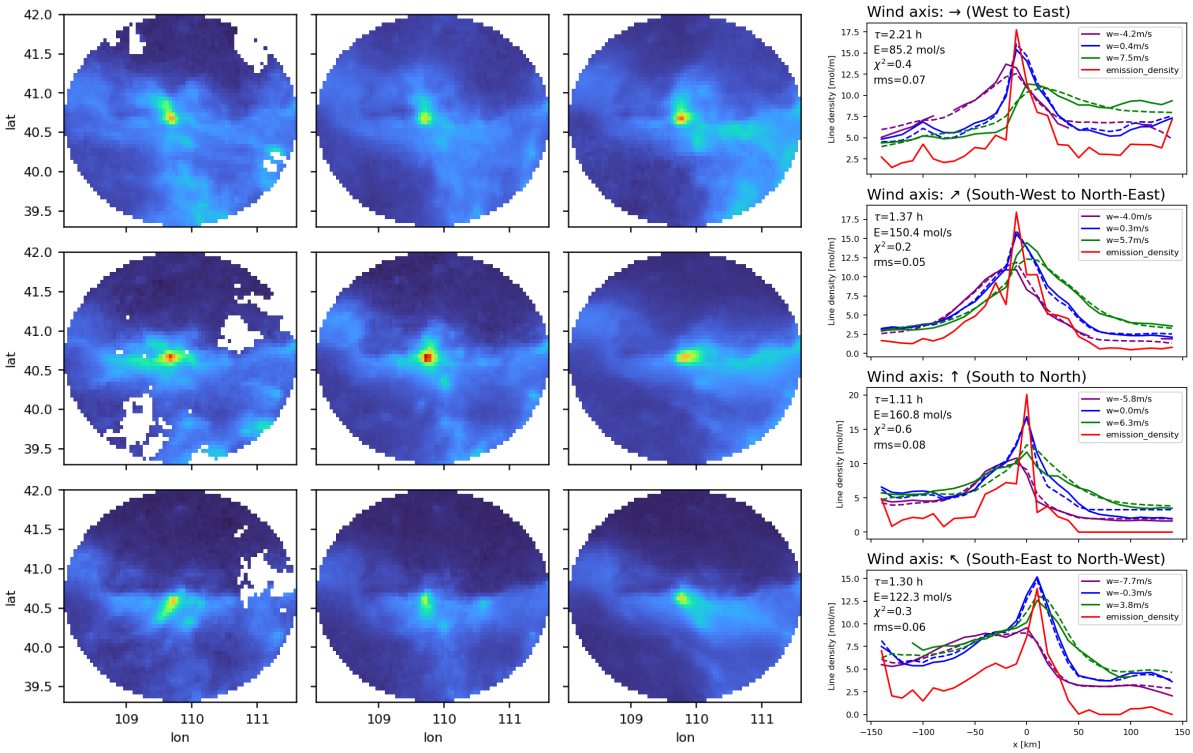
46.1 Winter



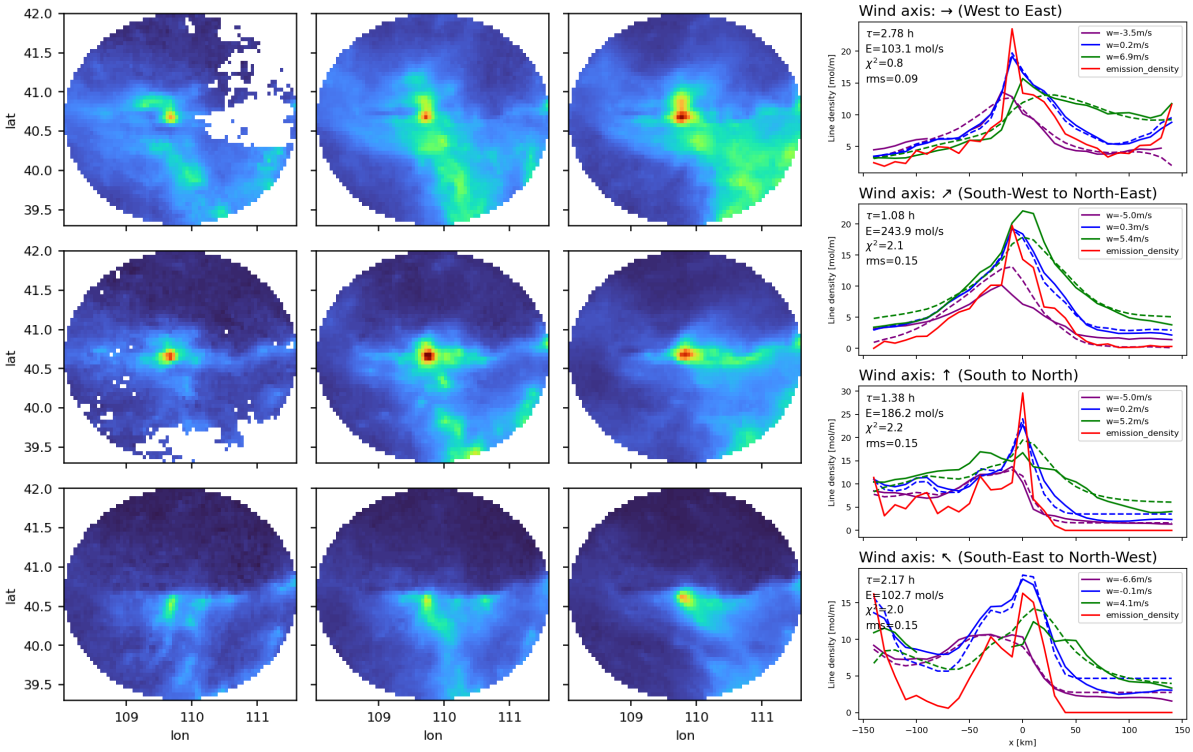
46.2 Spring



46.3 Summer

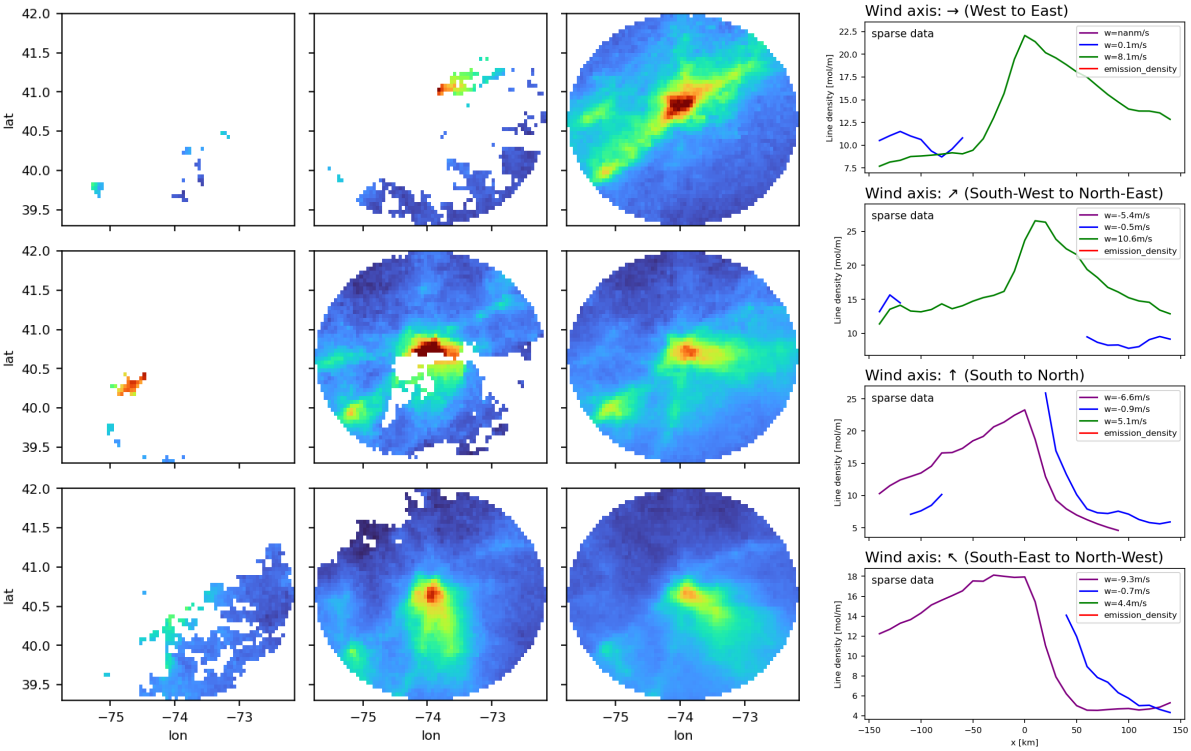


46.4 Autumn

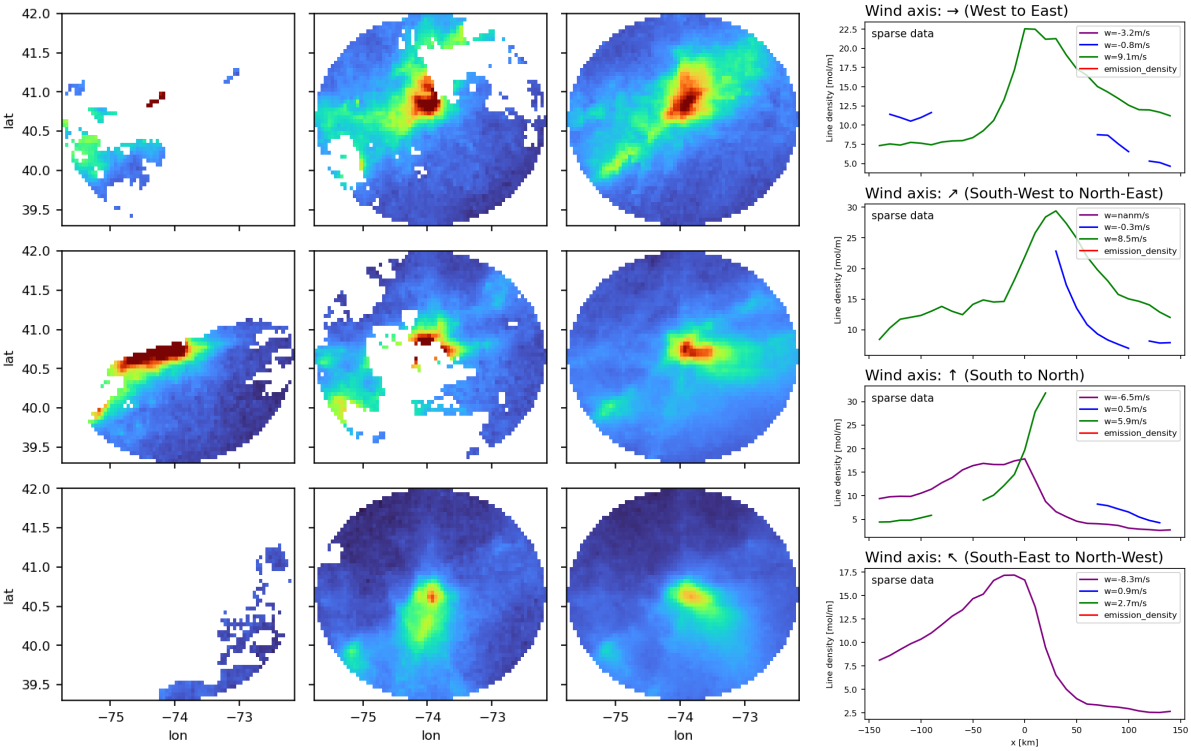


47 Brooklyn

47.1 Winter



47.2 Spring



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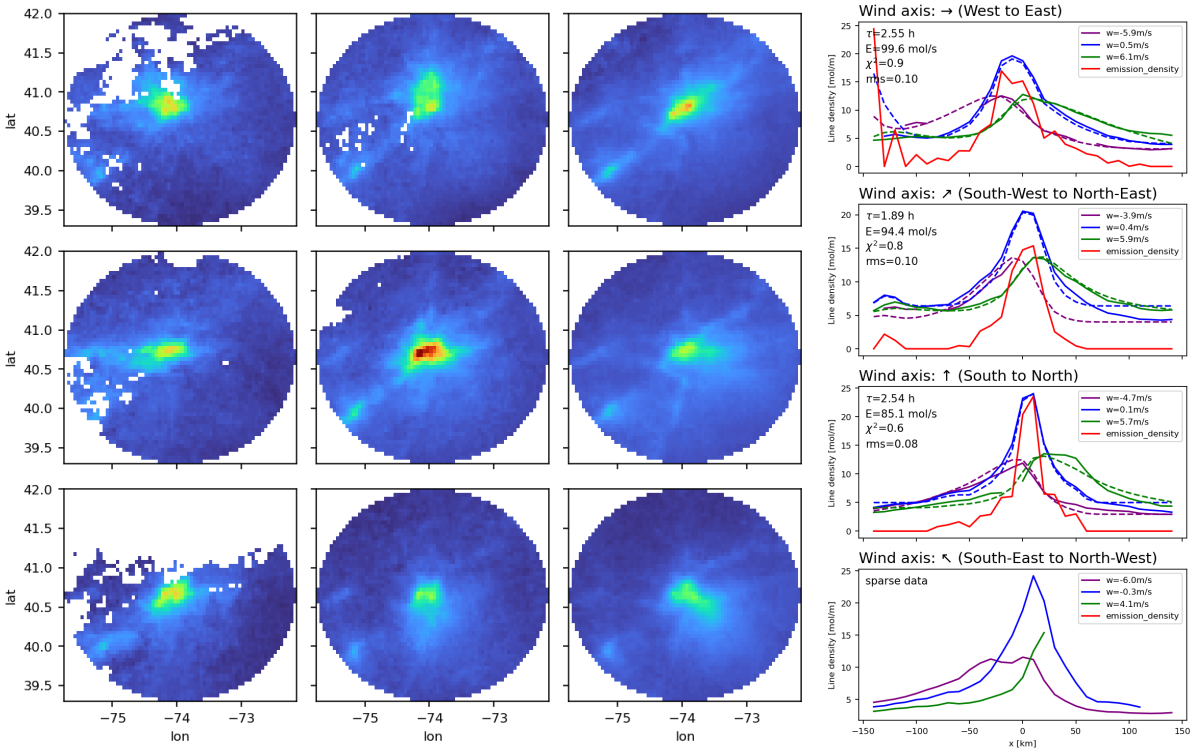

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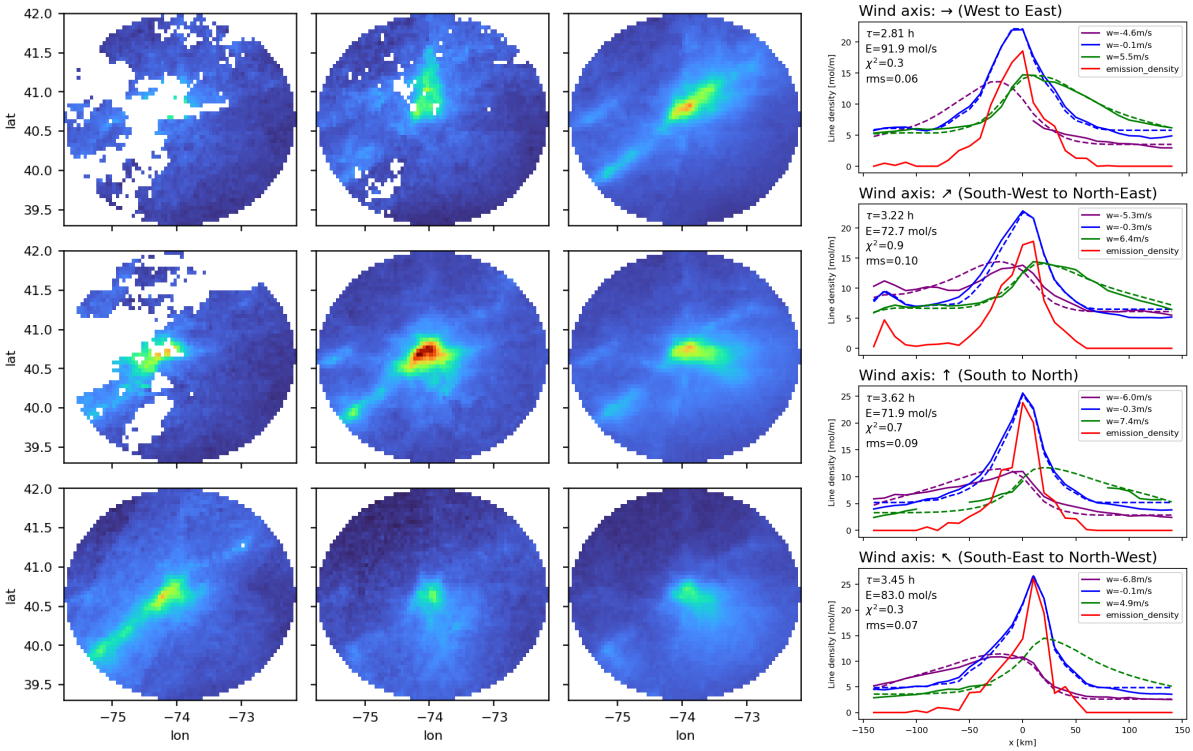
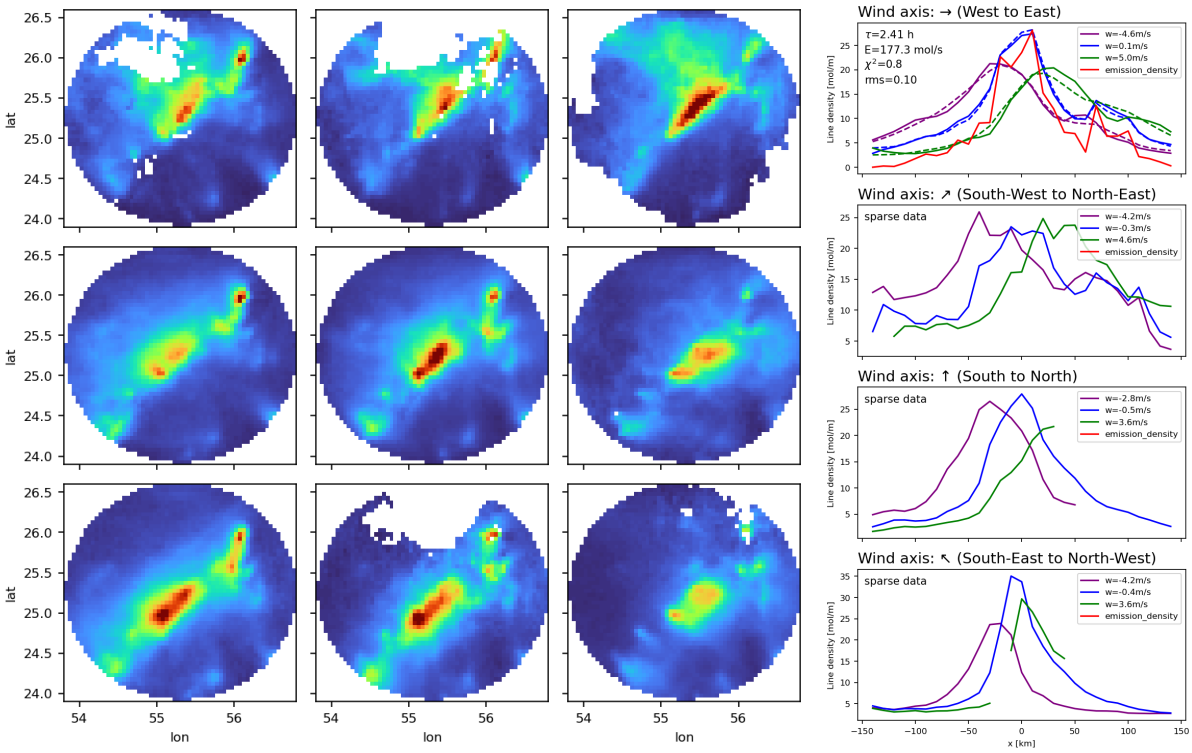
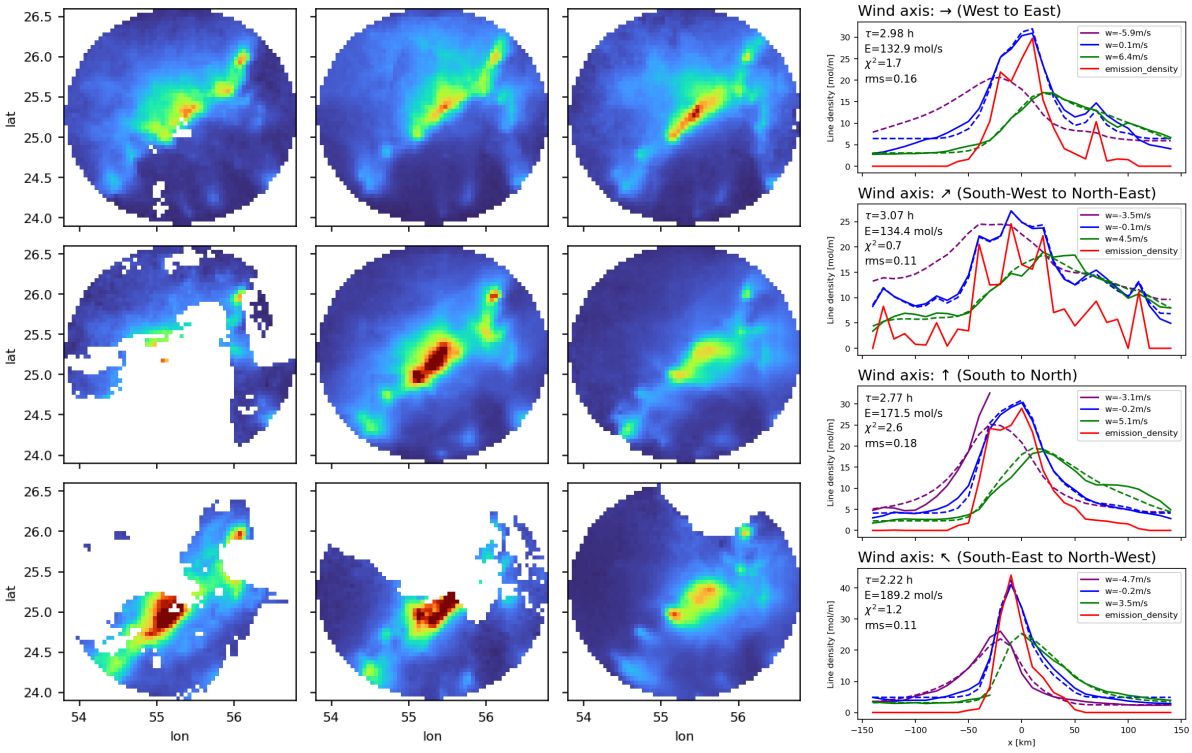


48 Dubai

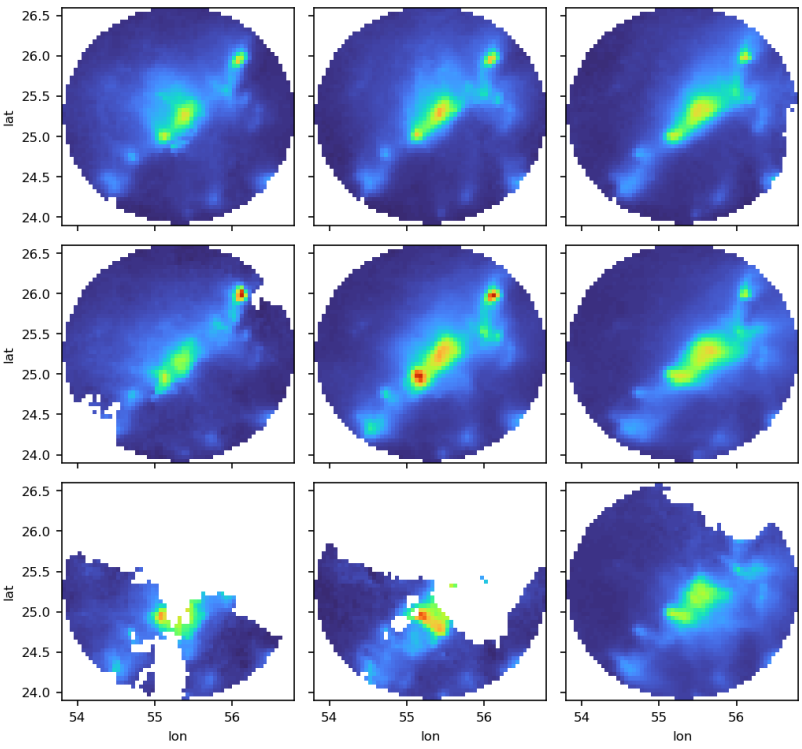
48.1 Winter

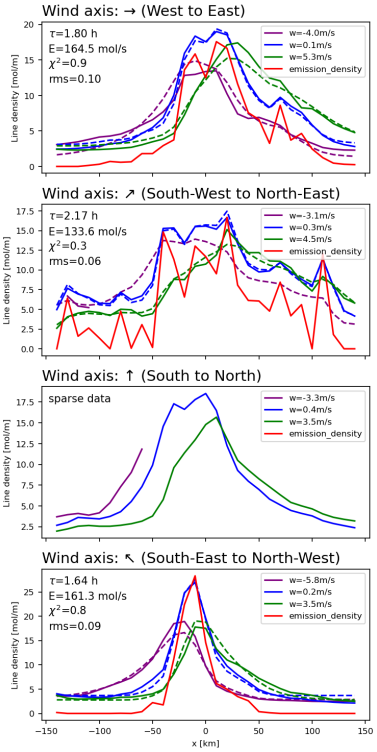


48.2 Spring

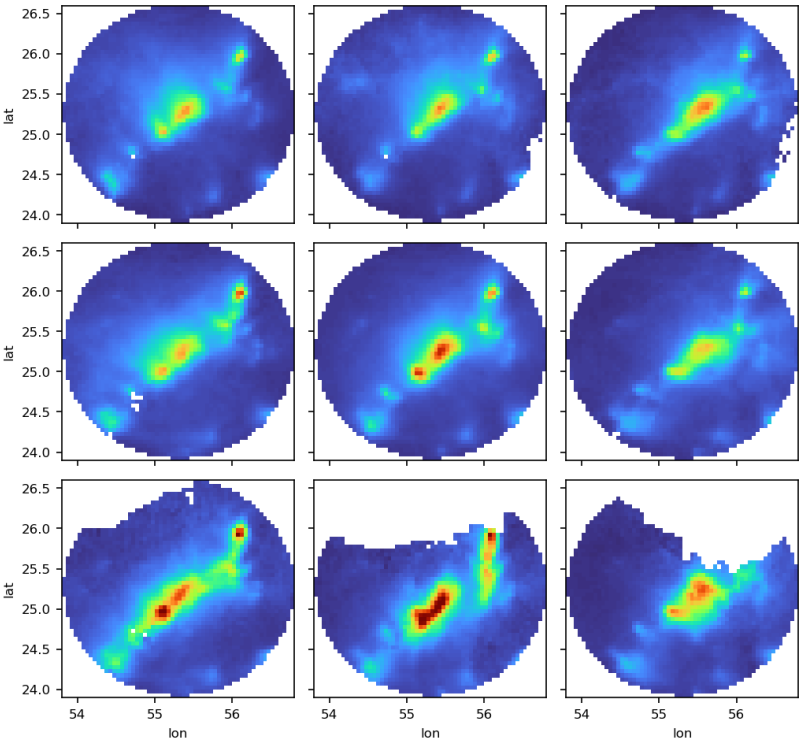


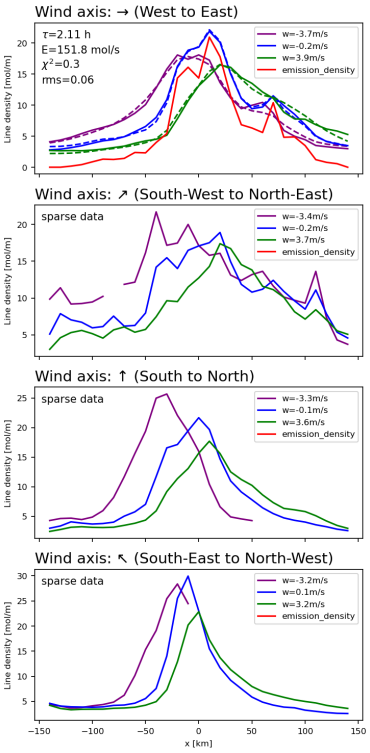
48.3 Summer





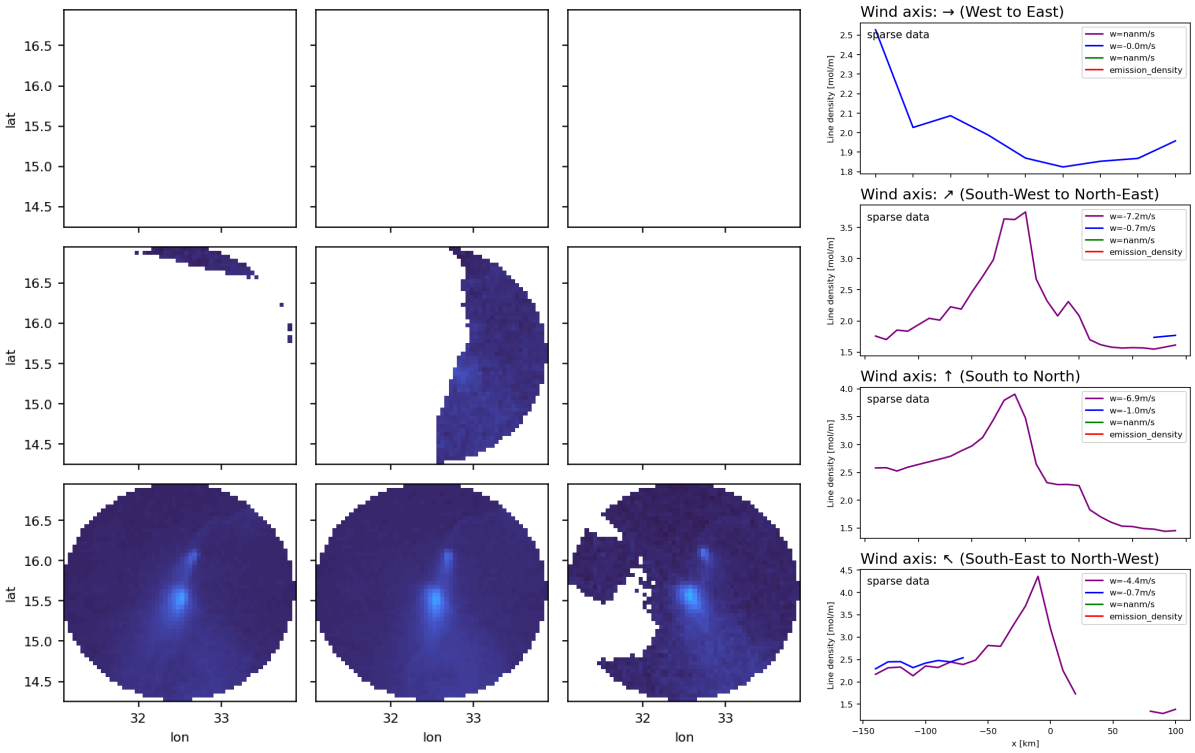
48.4 Autumn



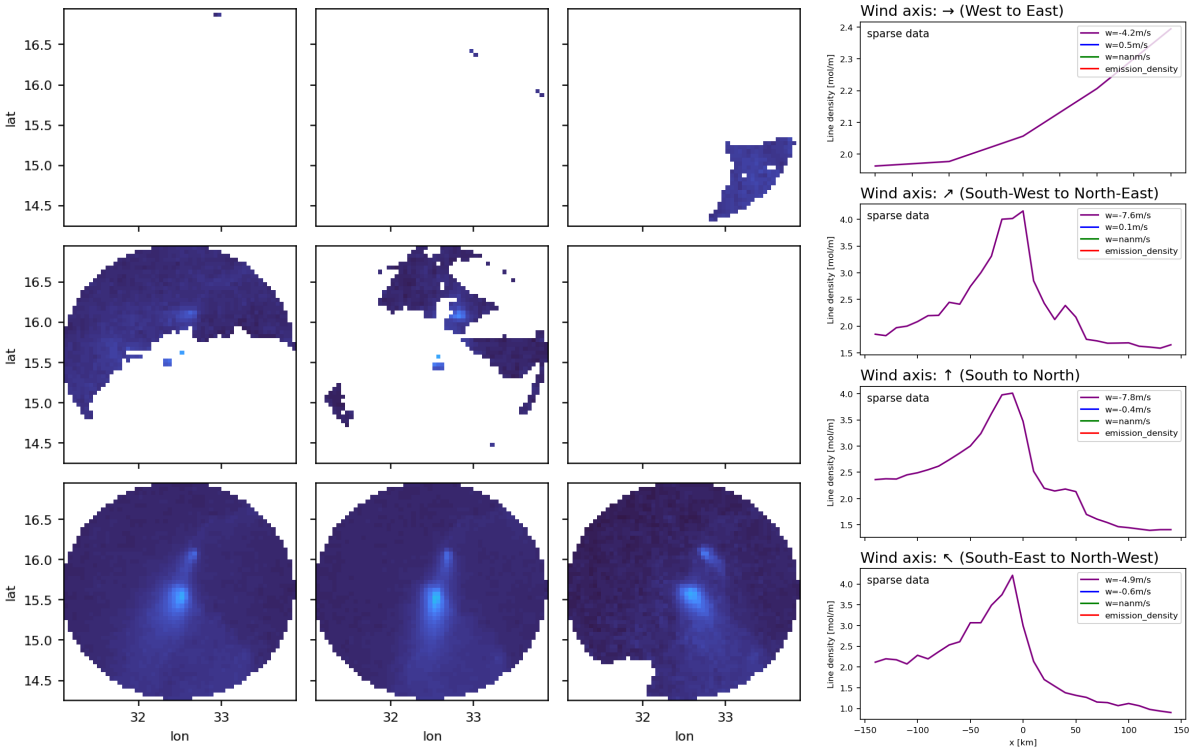


49 Omdurman

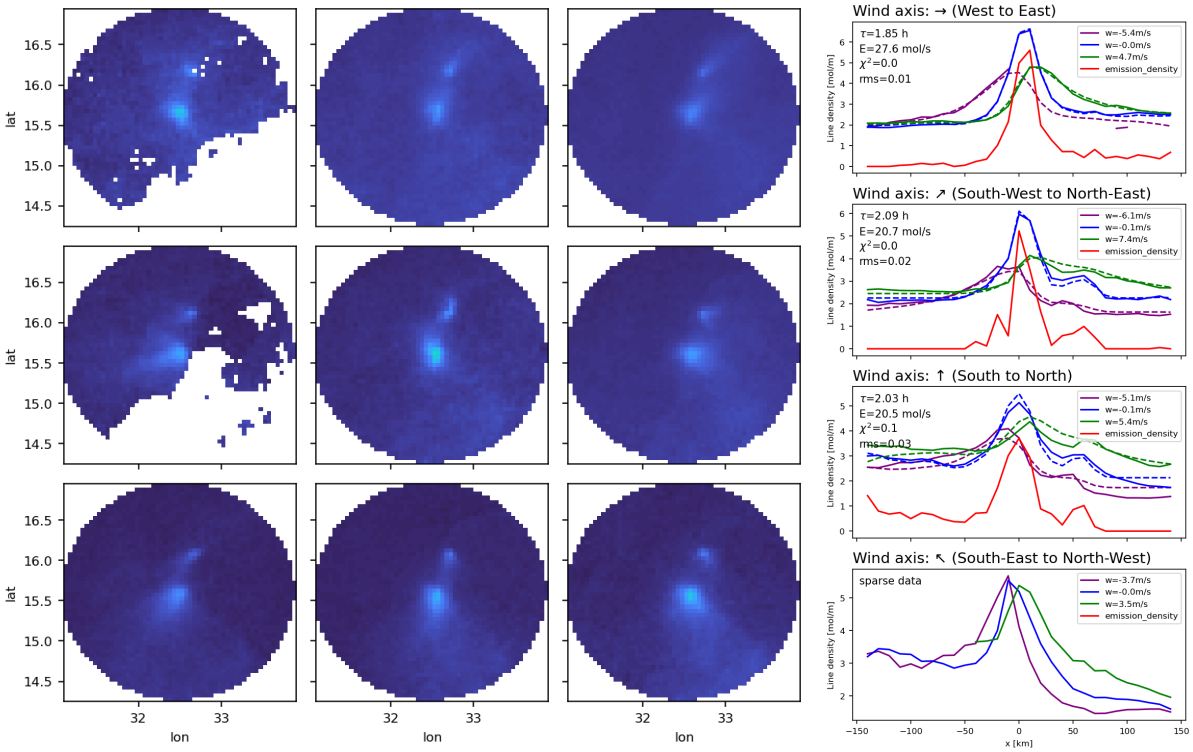
49.1 Winter



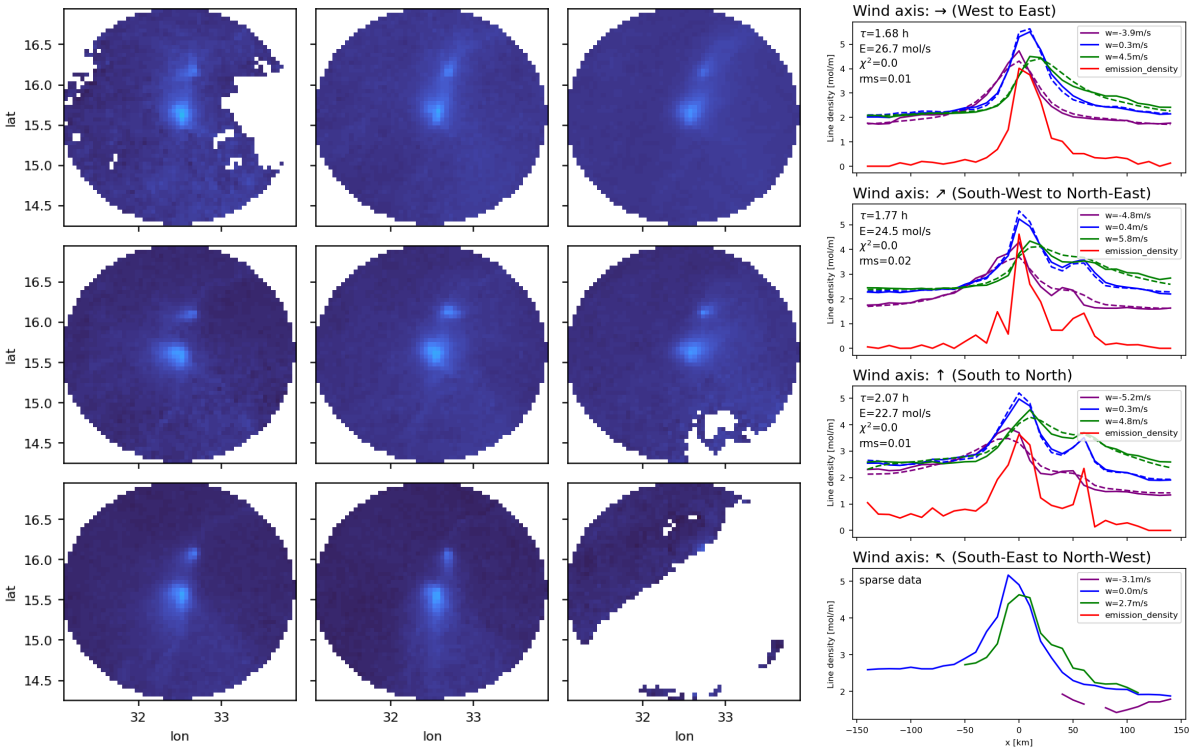
49.2 Spring



49.3 Summer

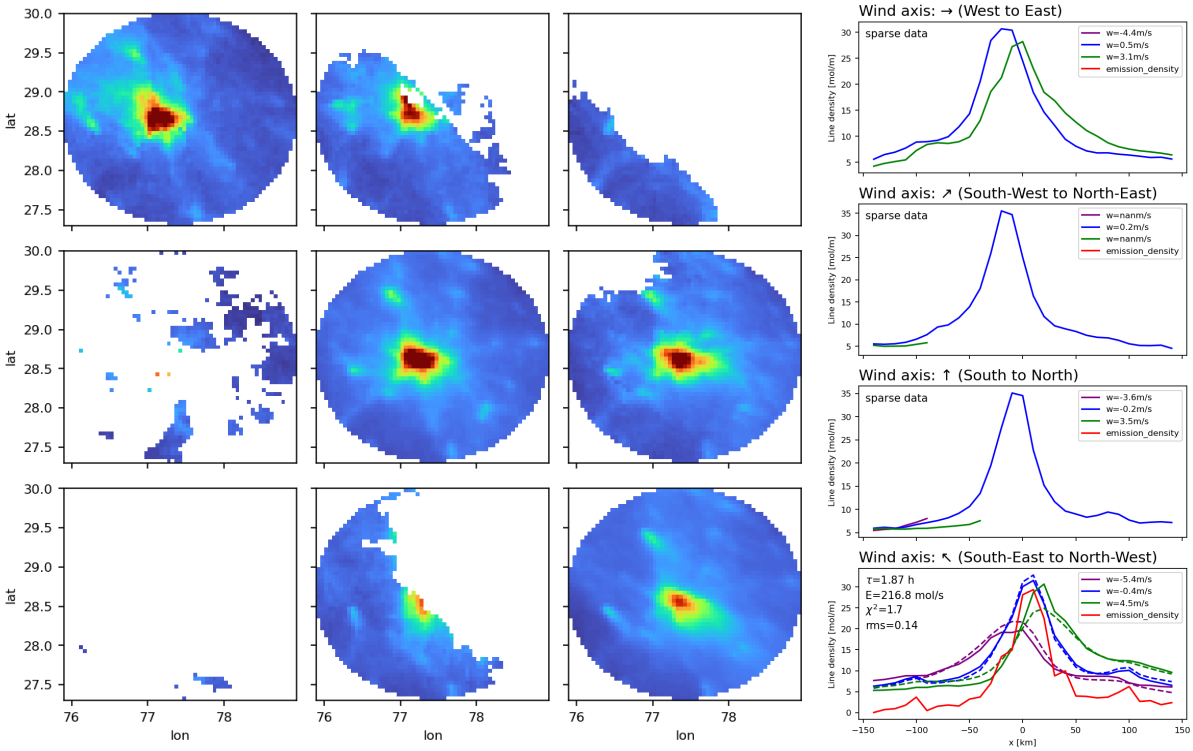


49.4 Autumn

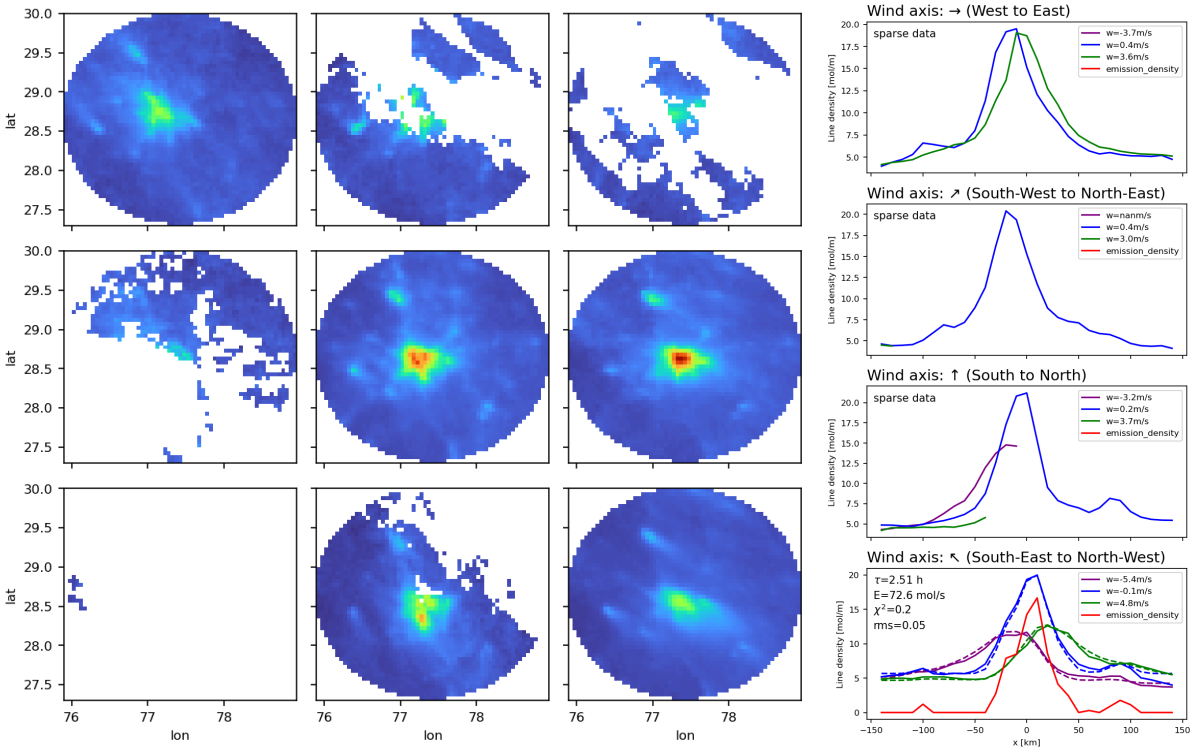


50 Ghāziābād

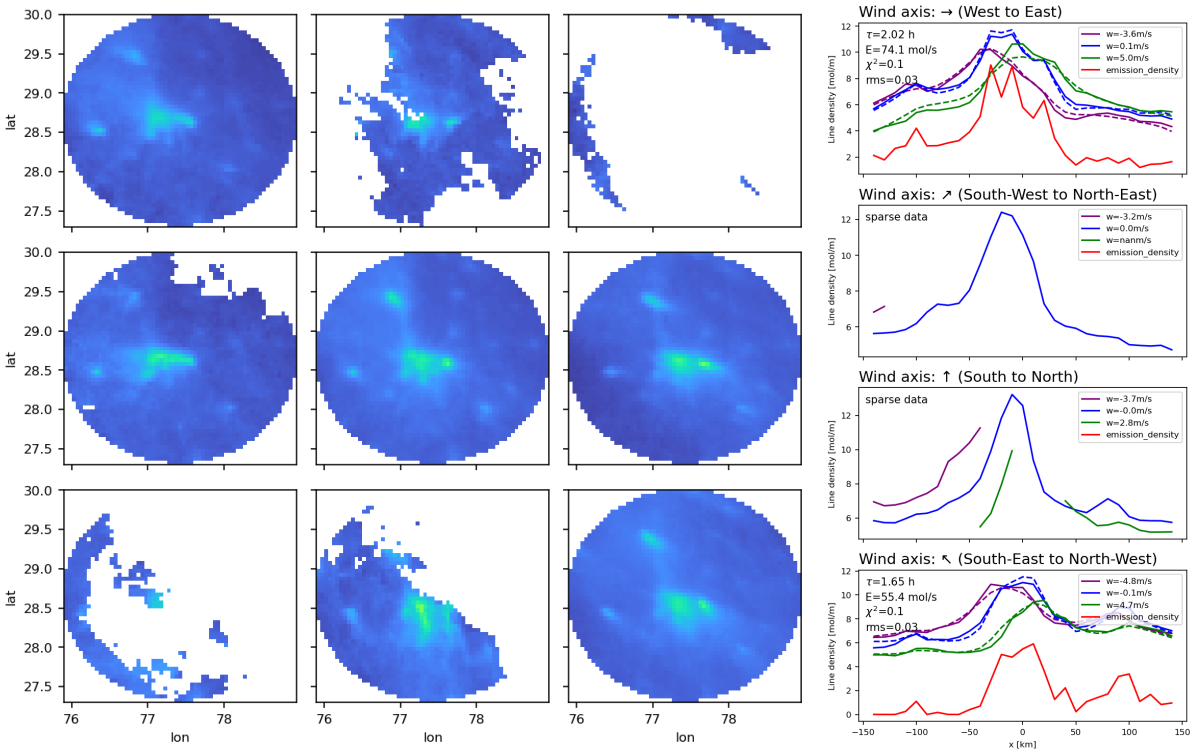
50.1 Winter



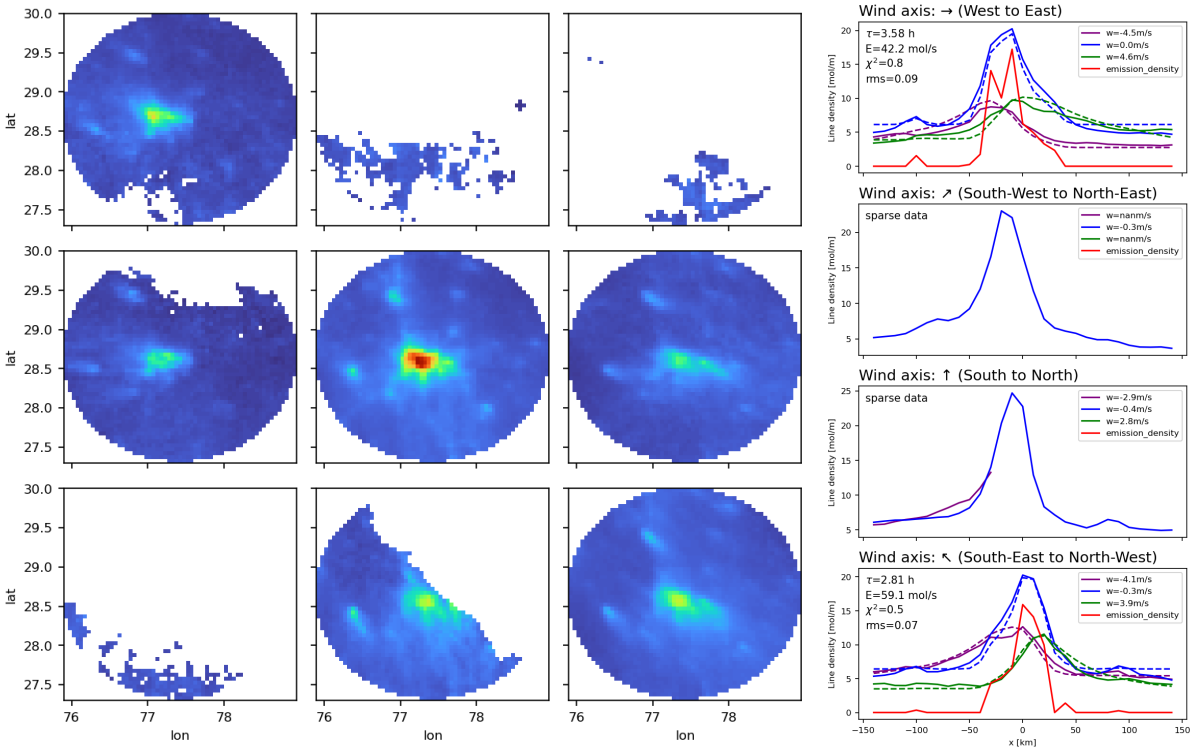
50.2 Spring



50.3 Summer

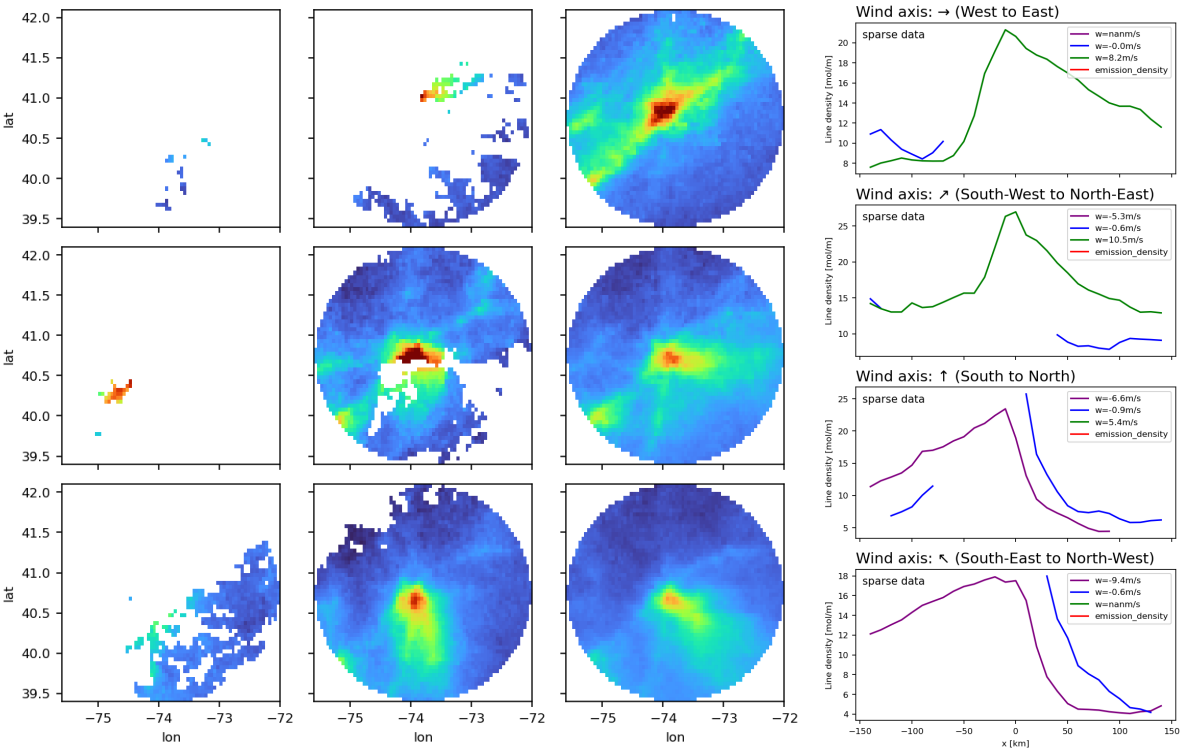


50.4 Autumn

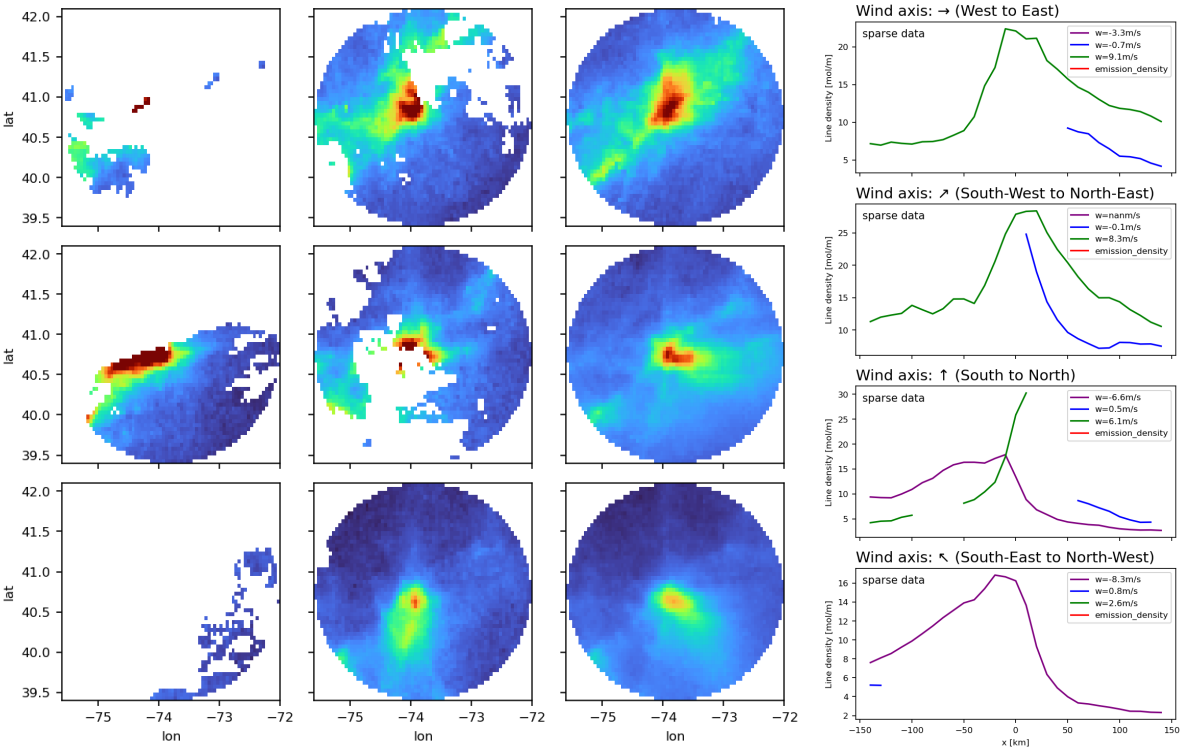


51 Queens

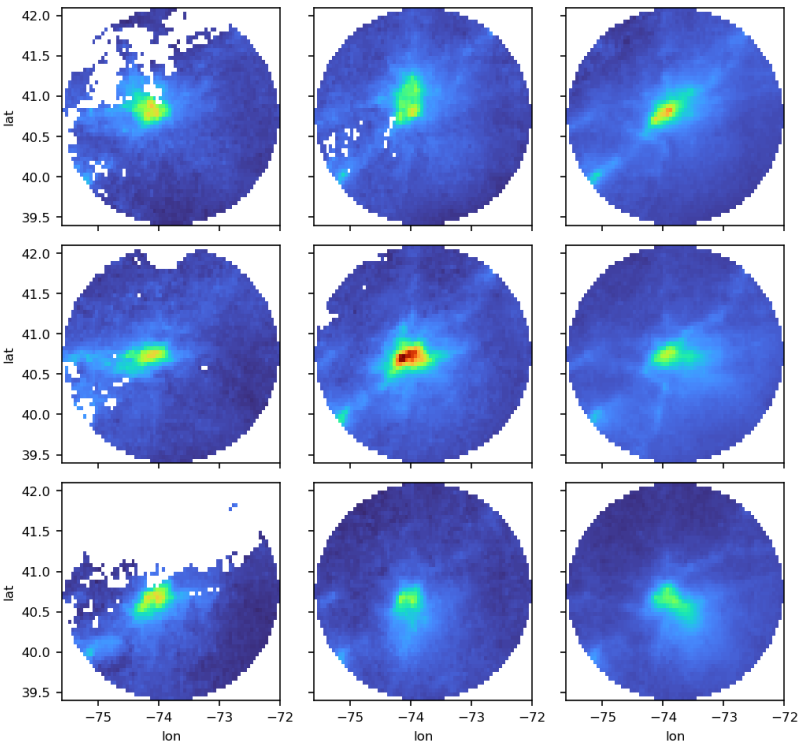
51.1 Winter

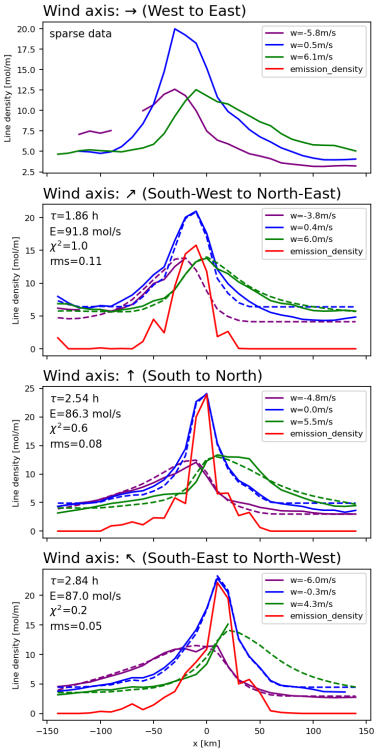


51.2 Spring

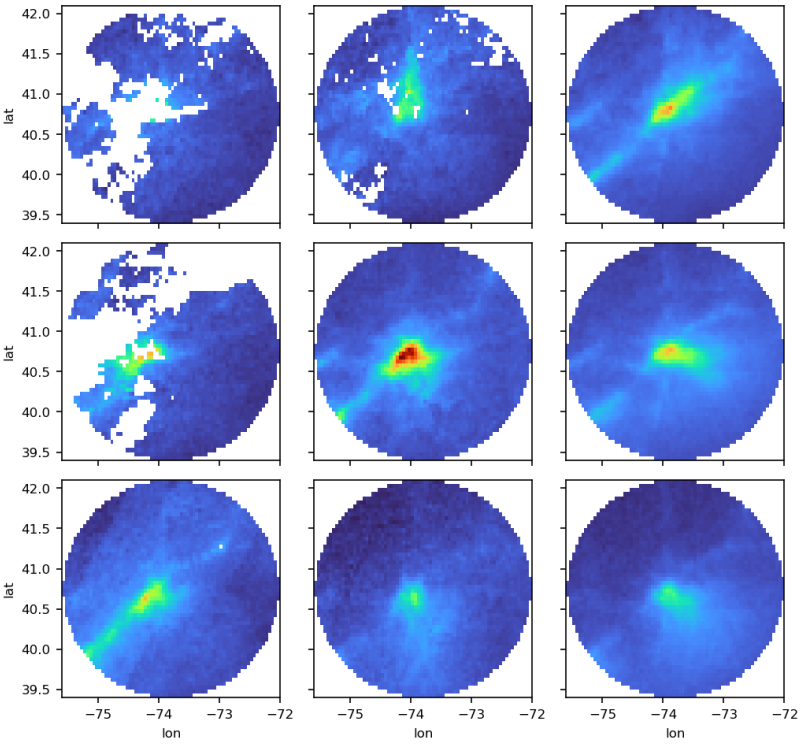


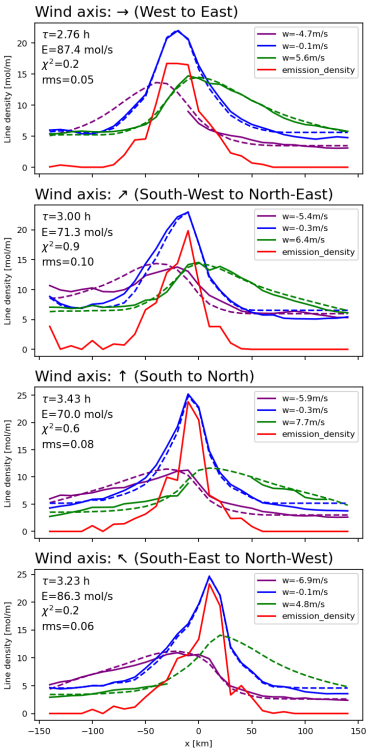
51.3 Summer





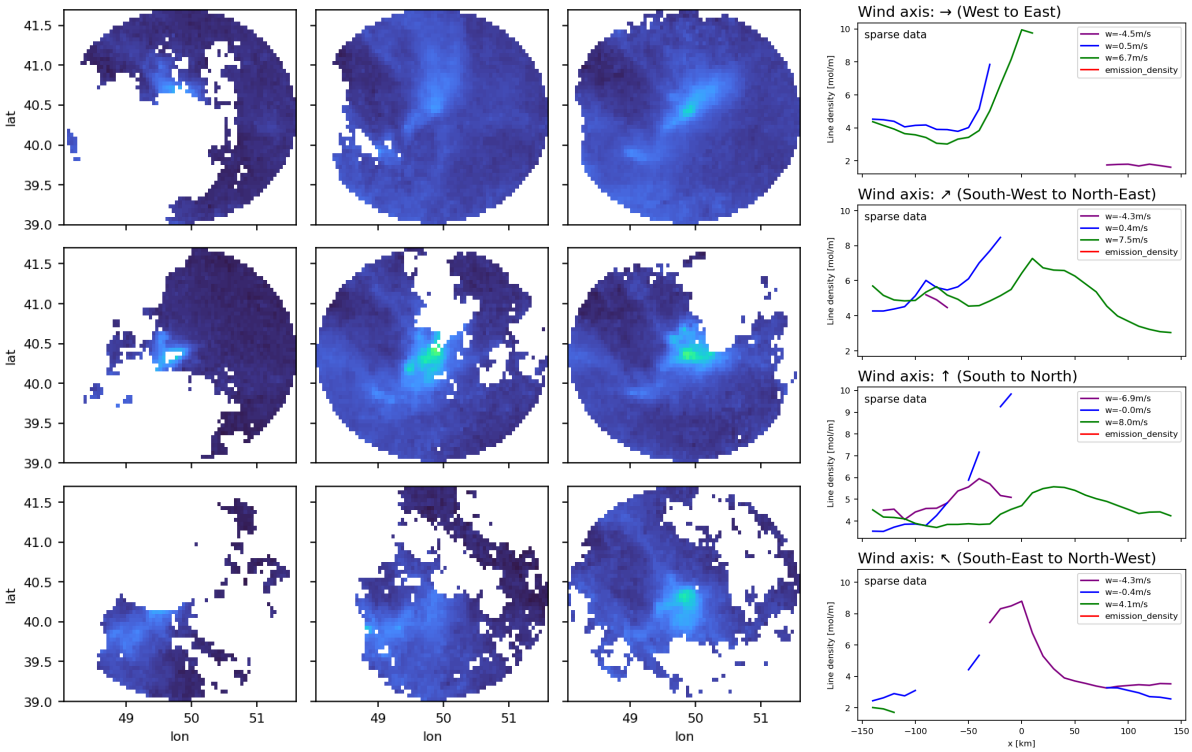
51.4 Autumn



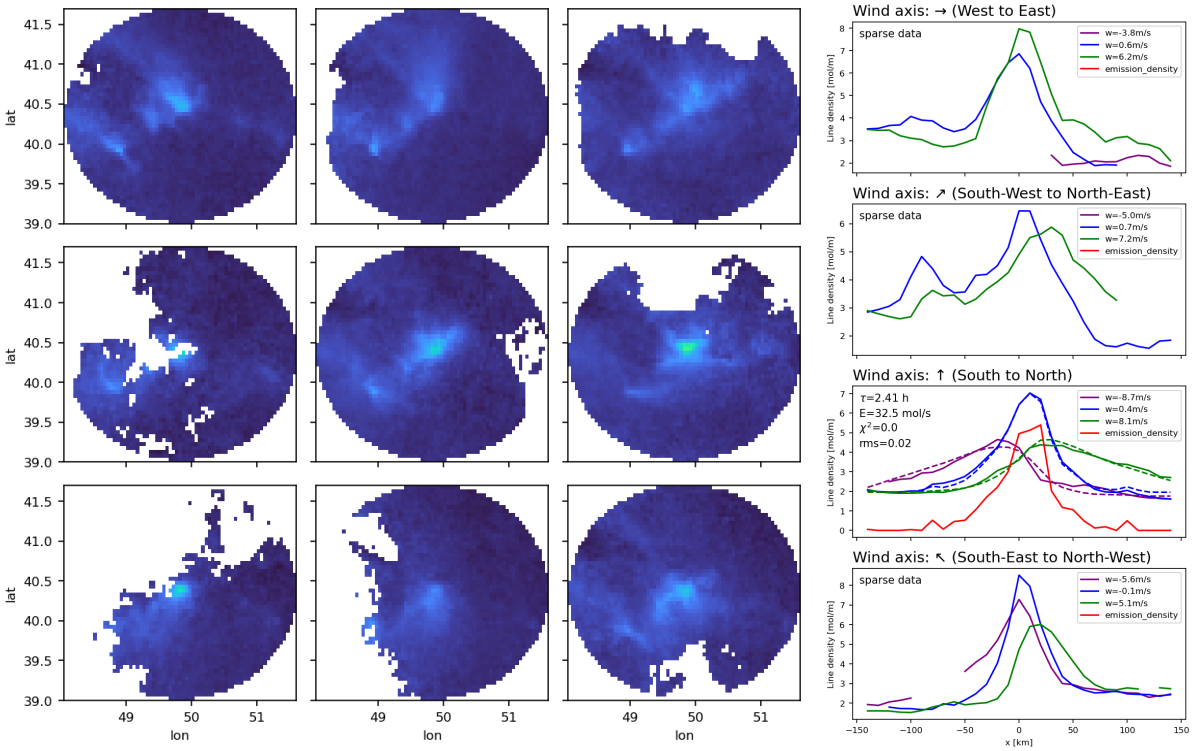


52 Baku

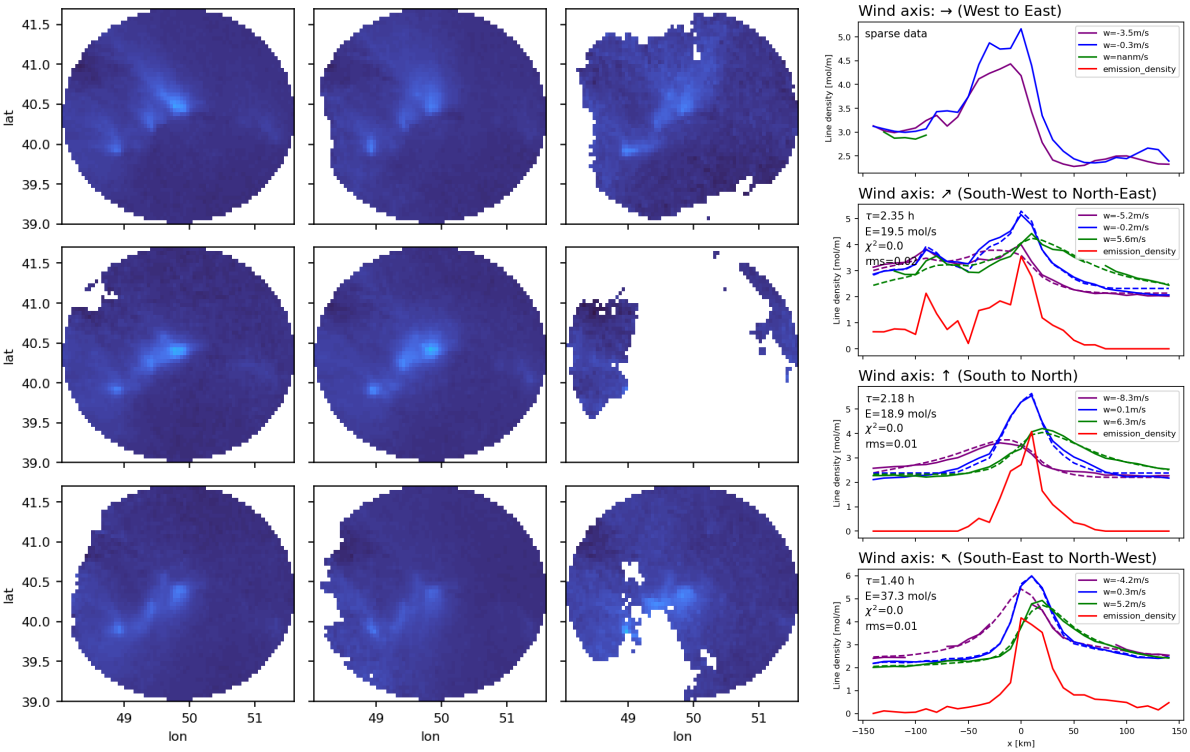
52.1 Winter



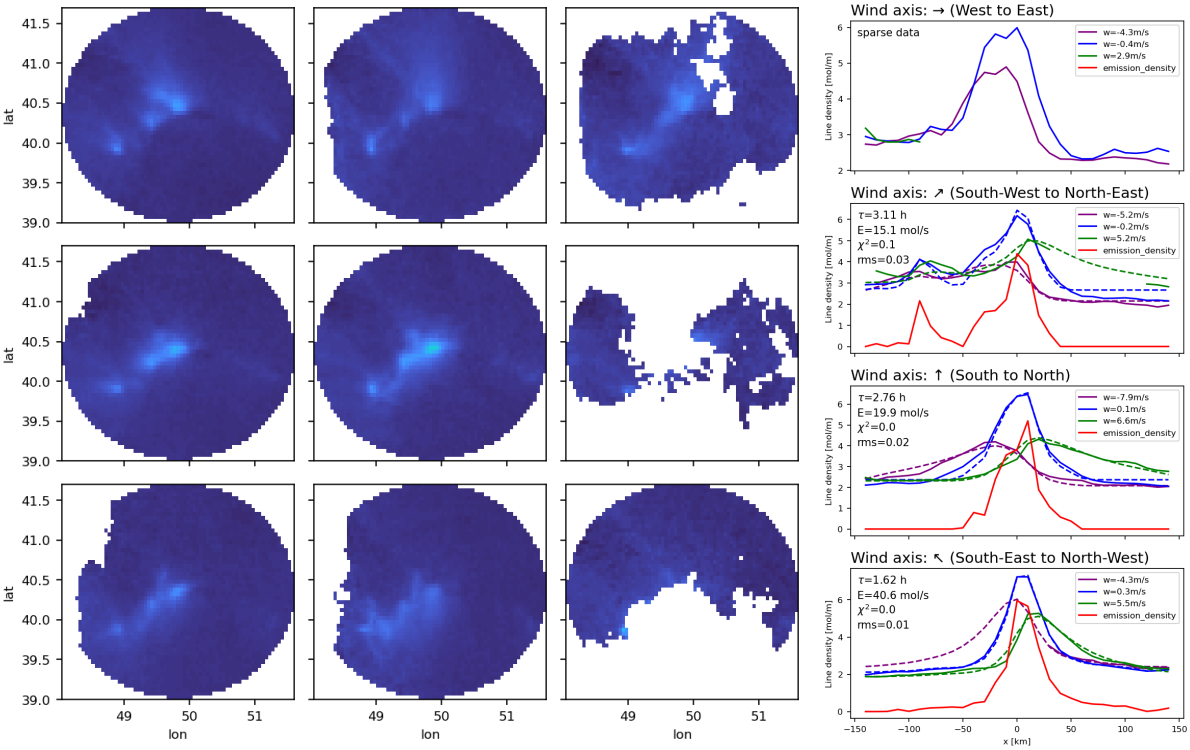
52.2 Spring



52.3 Summer

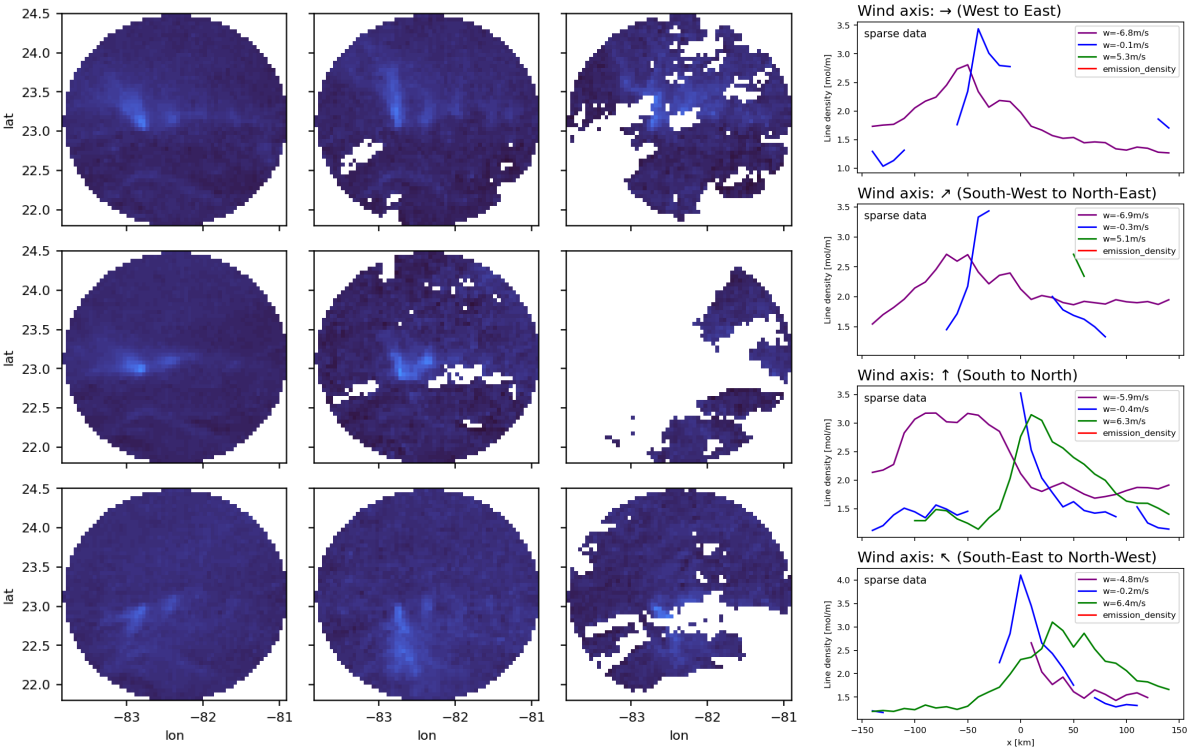


52.4 Autumn

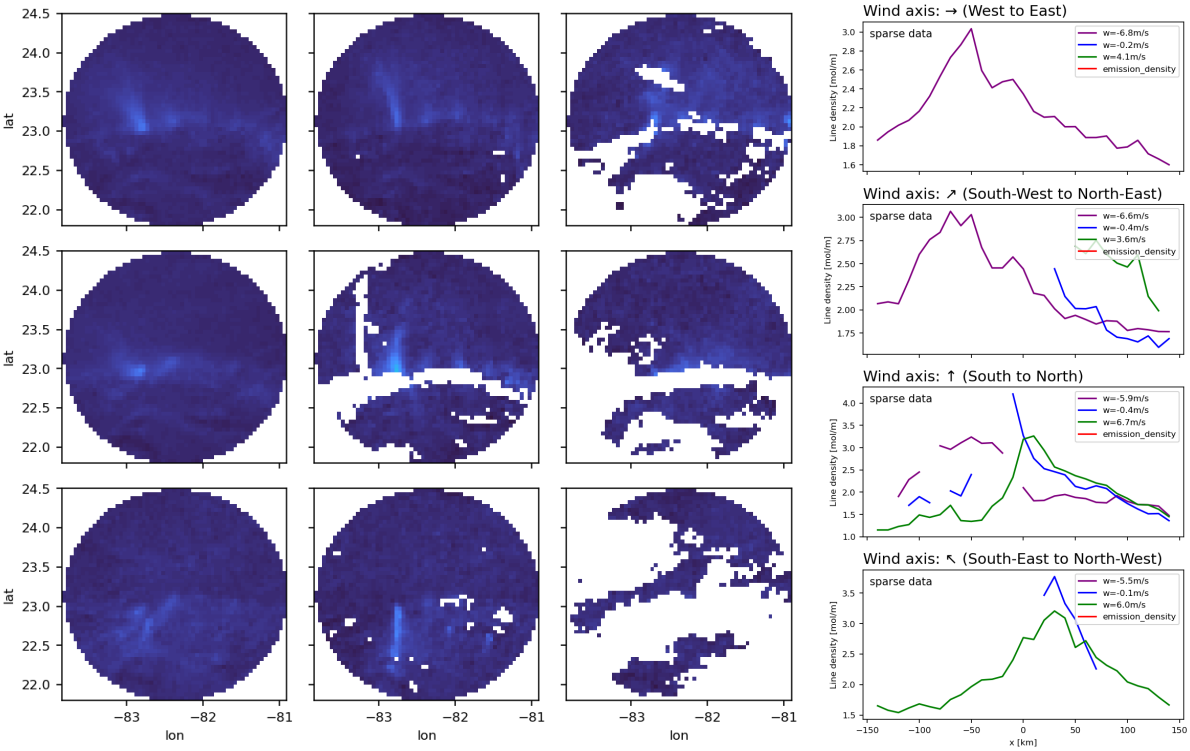


53 Havana

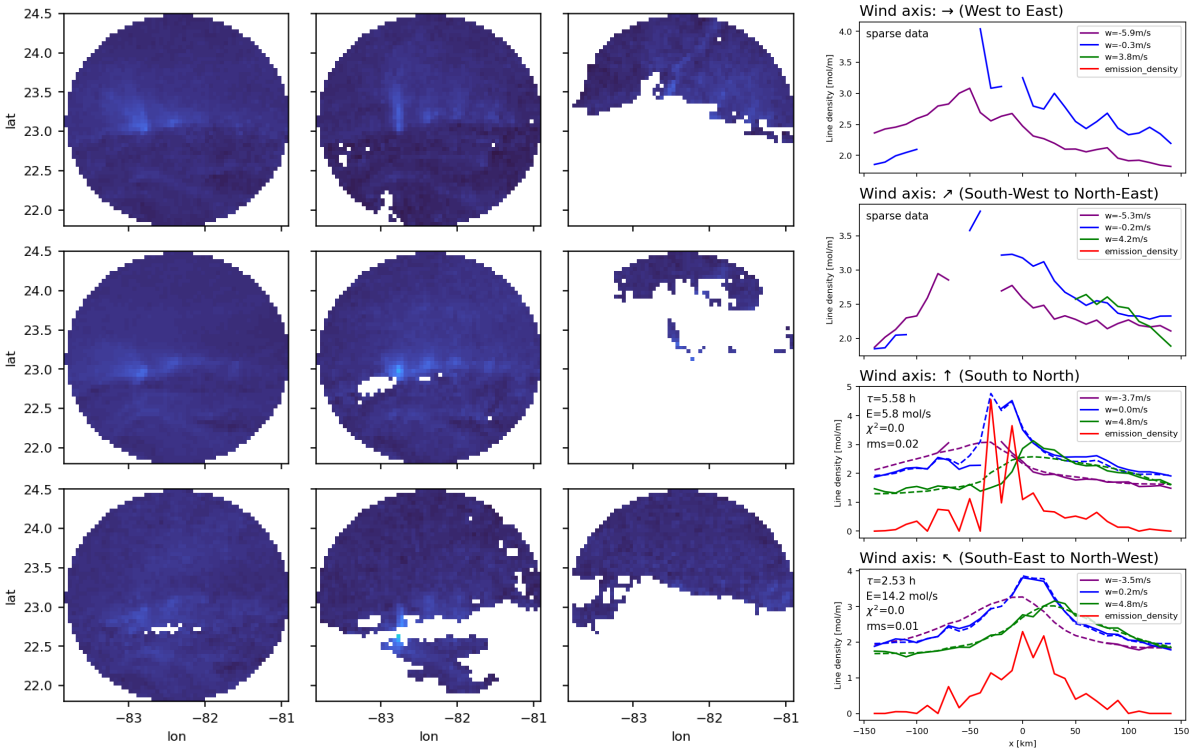
53.1 Winter



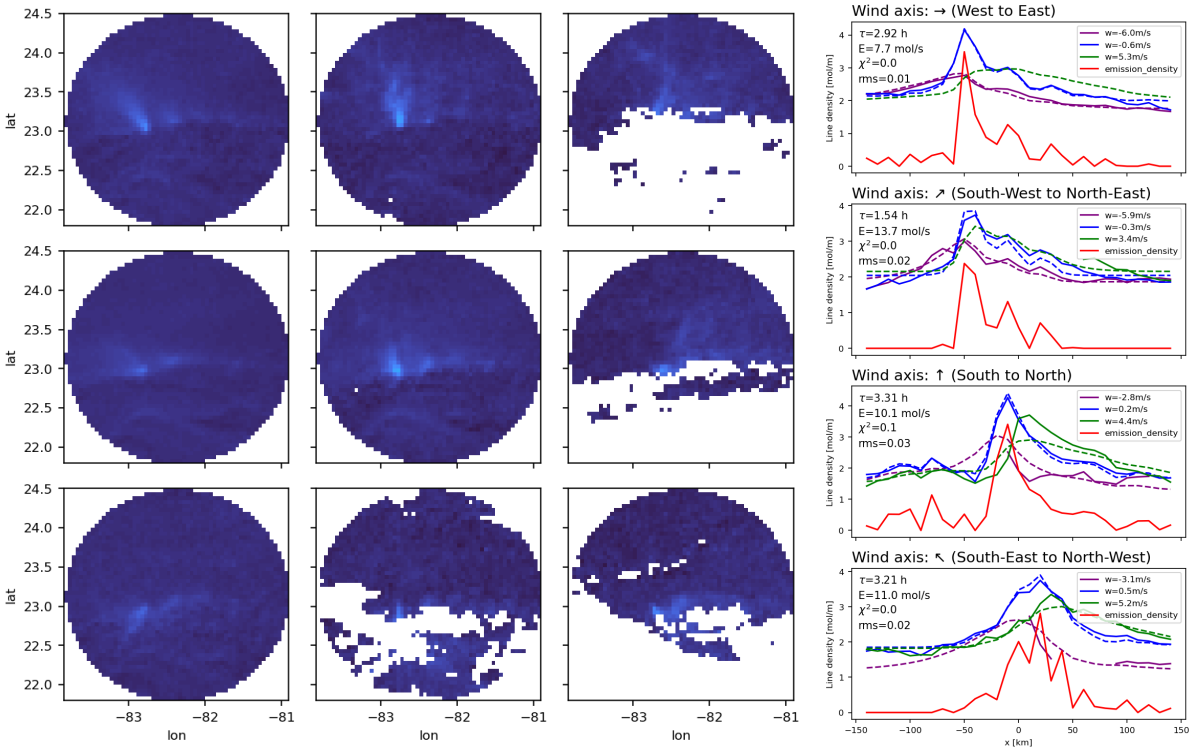
53.2 Spring



53.3 Summer

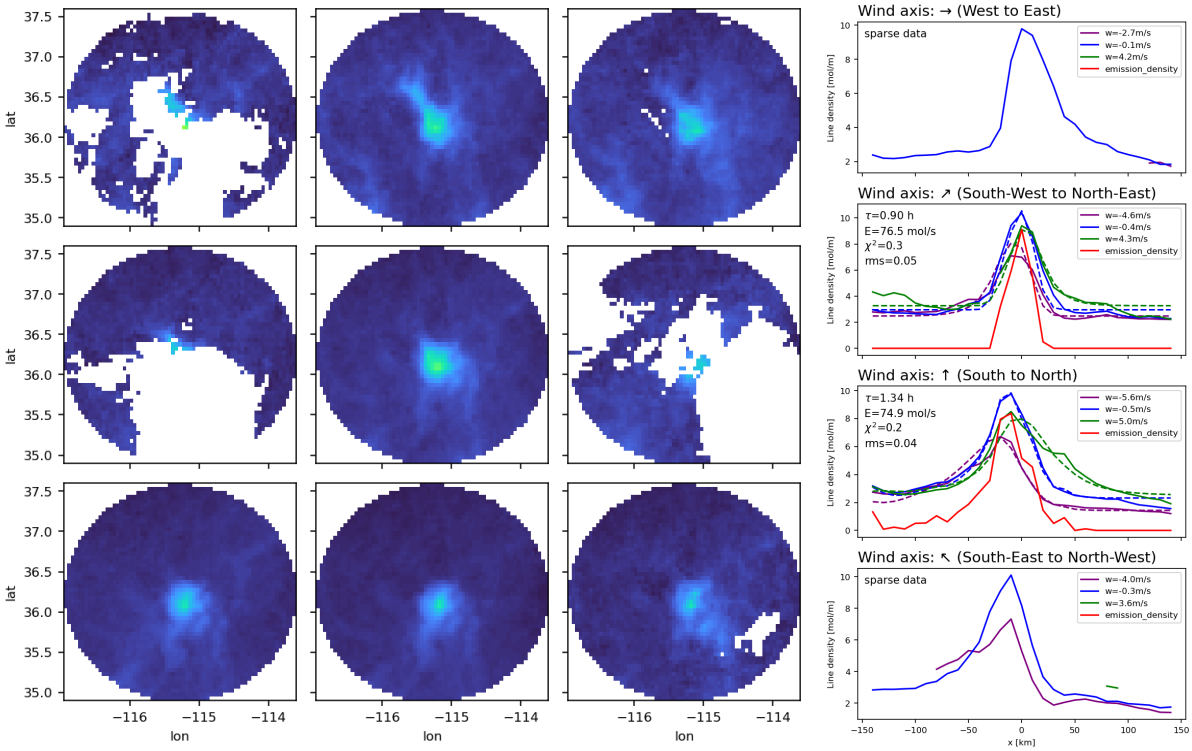


53.4 Autumn

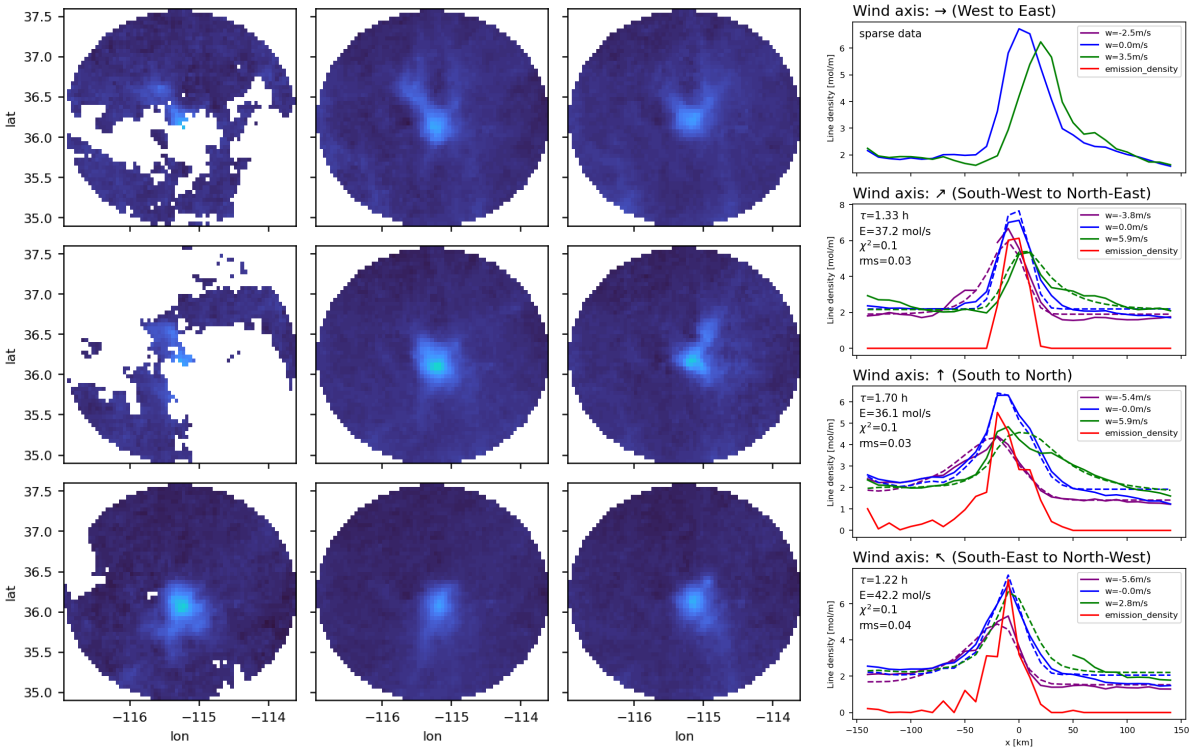


54 Las Vegas

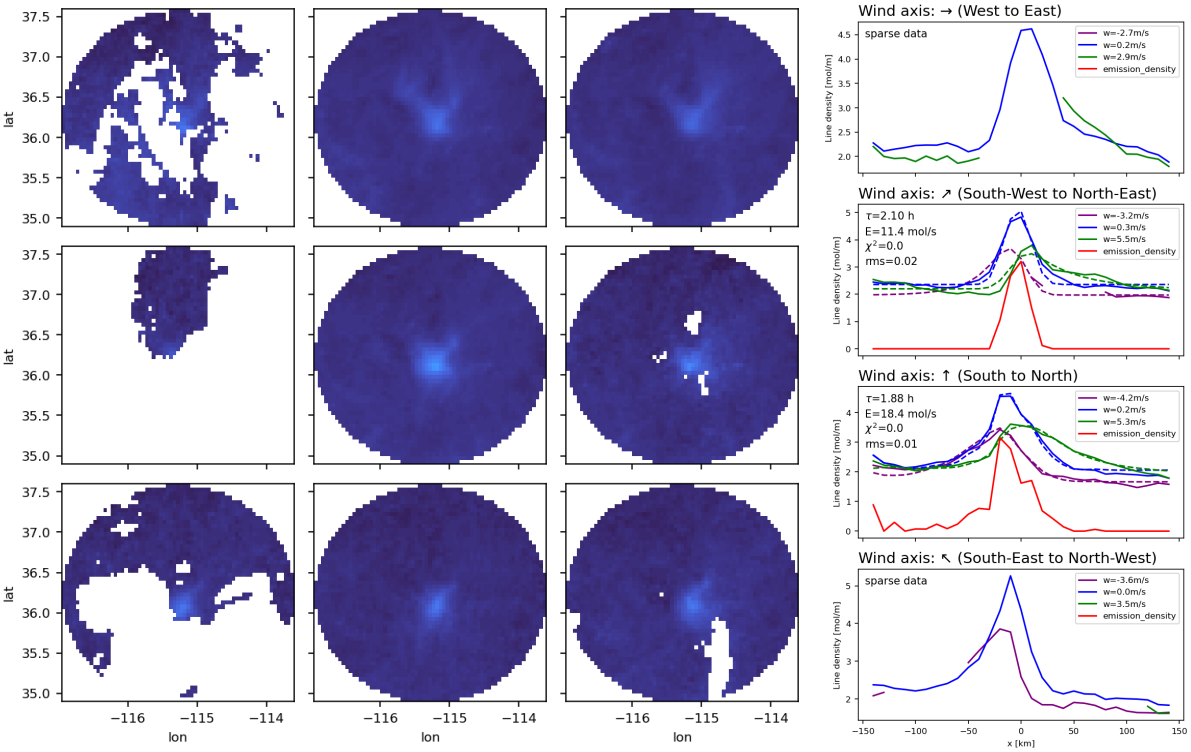
54.1 Winter



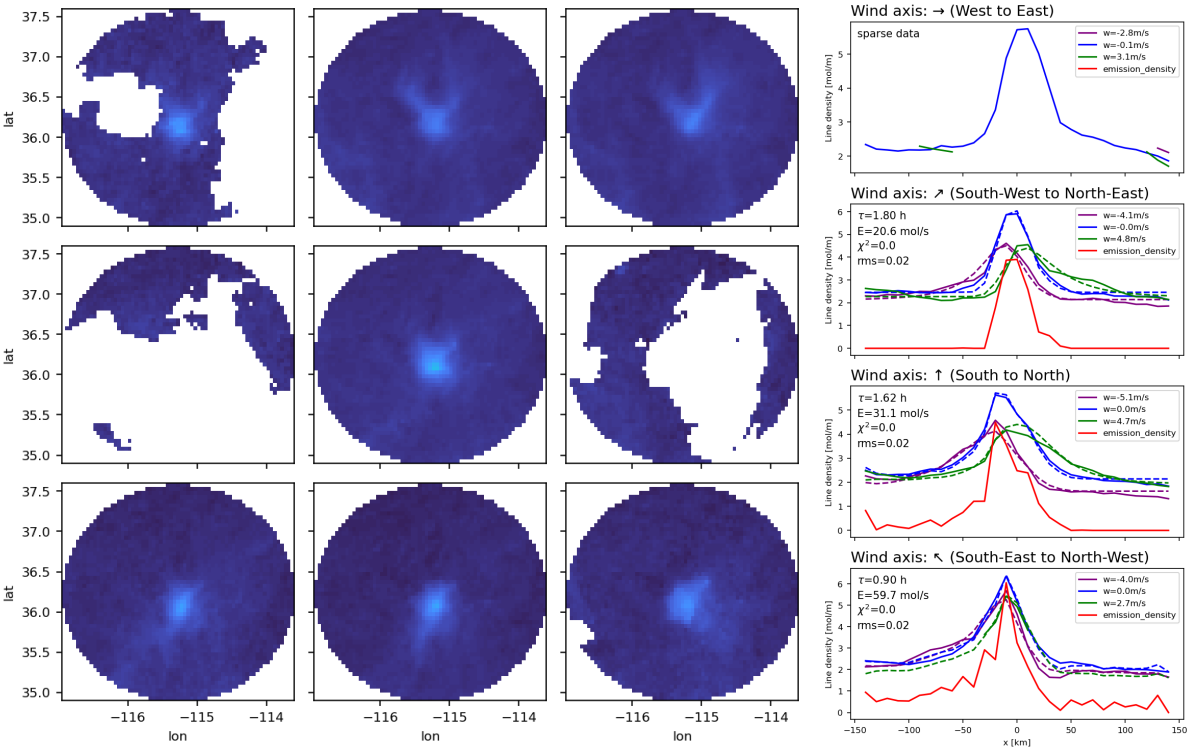
54.2 Spring



54.3 Summer

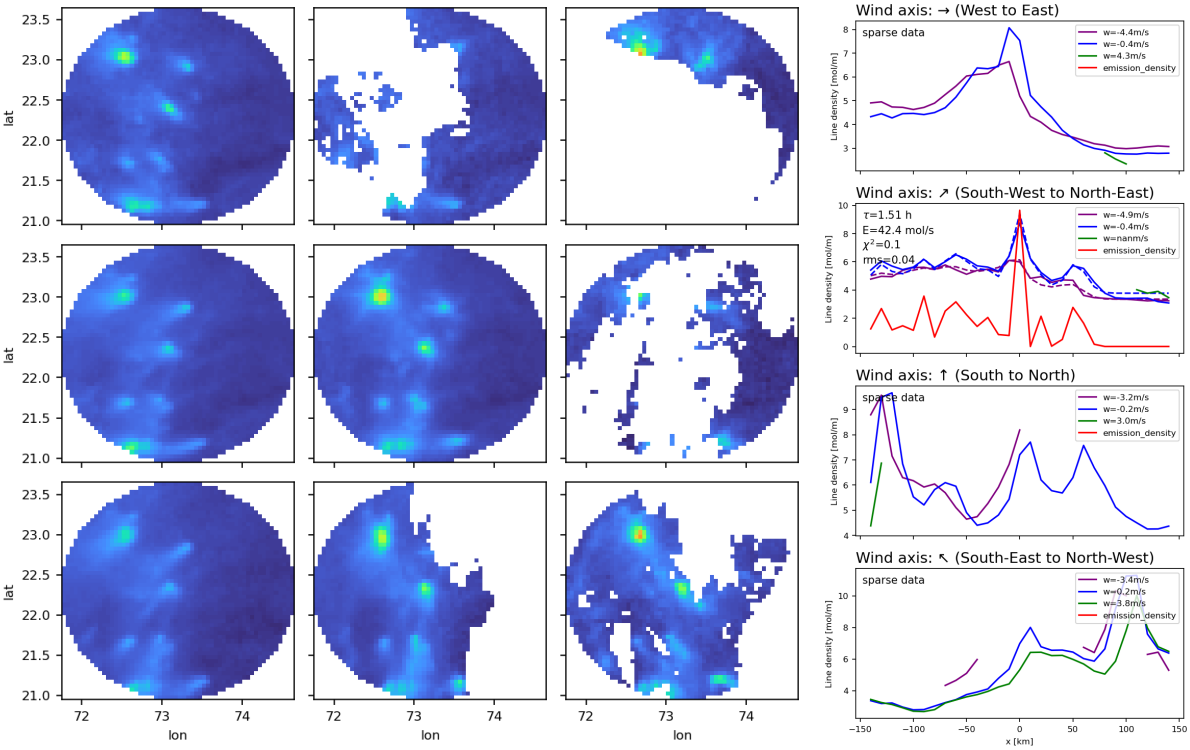


54.4 Autumn

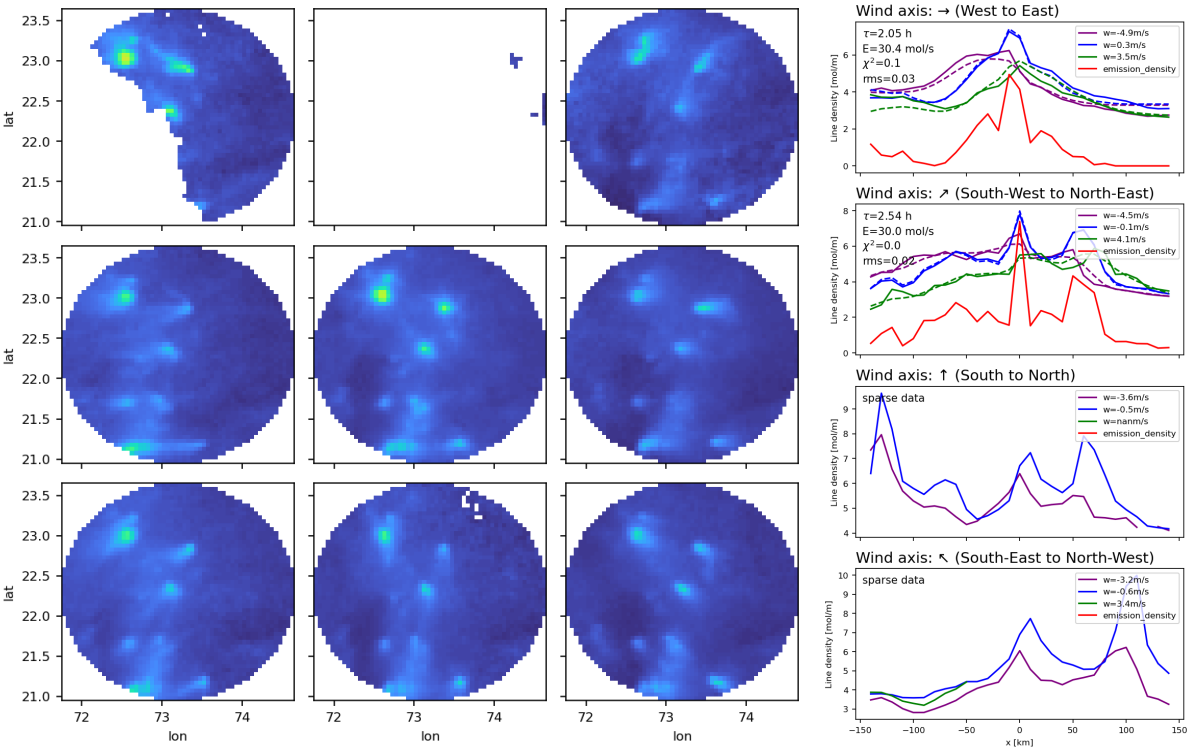


55 Vadodara

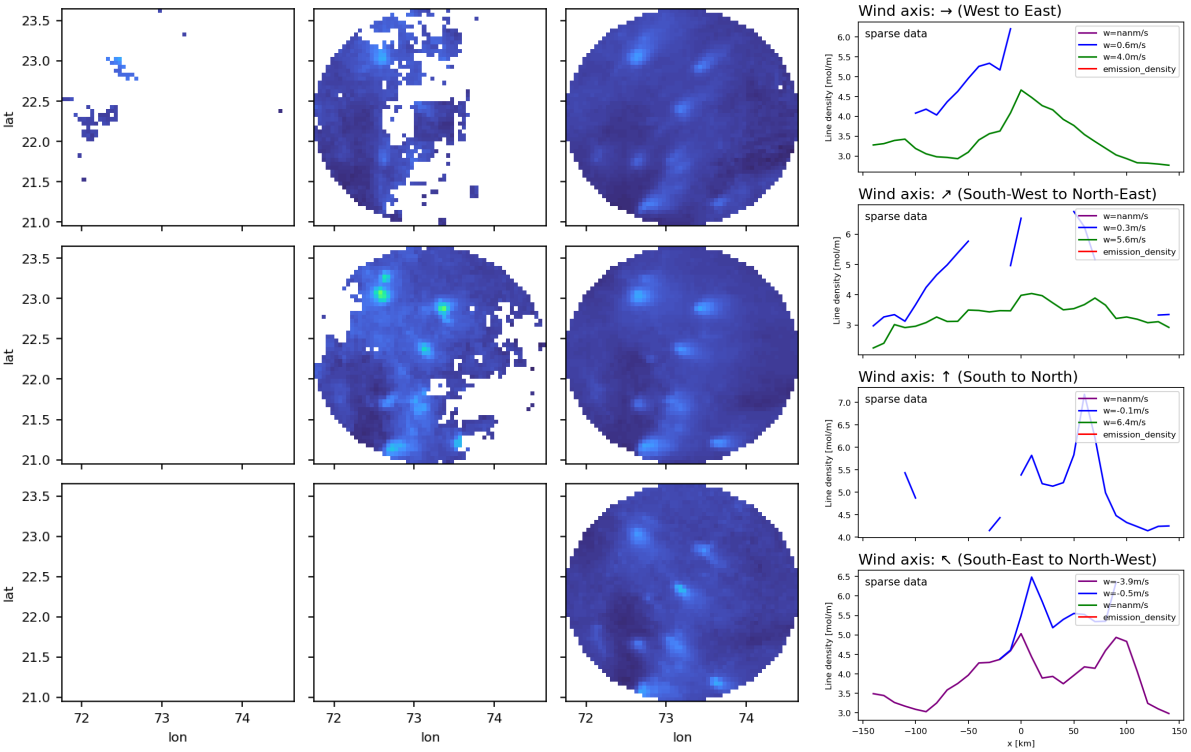
55.1 Winter



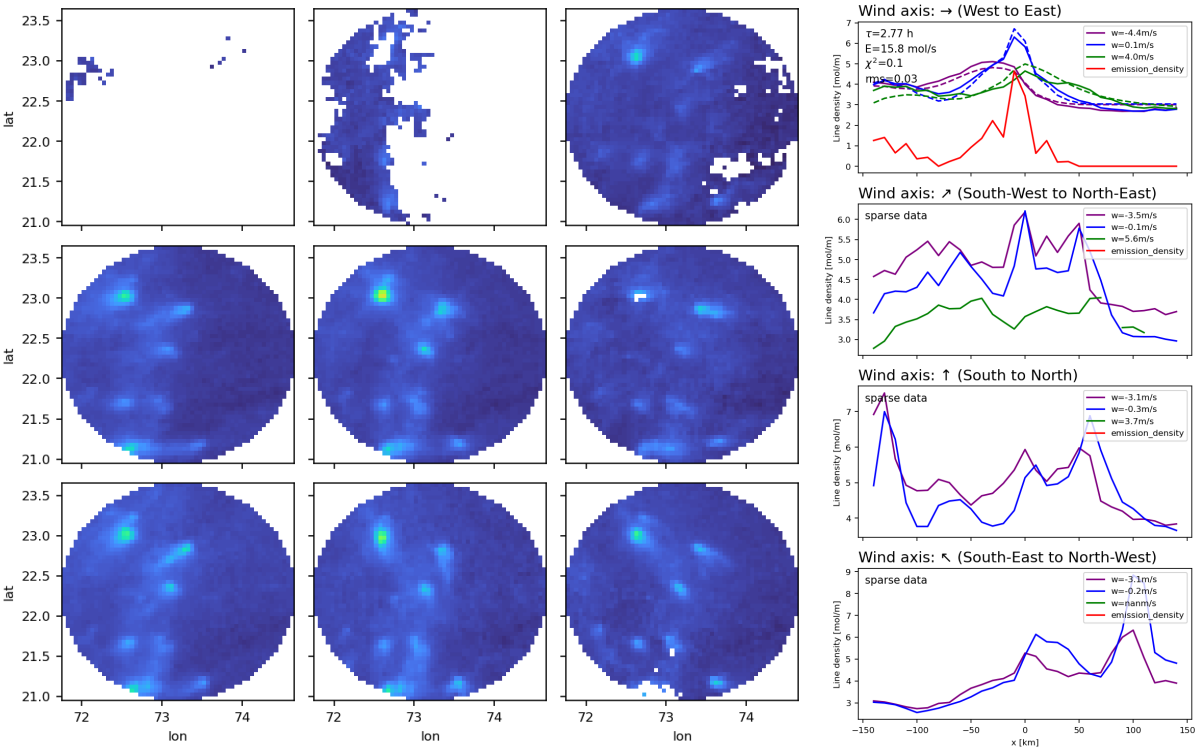
55.2 Spring



55.3 Summer

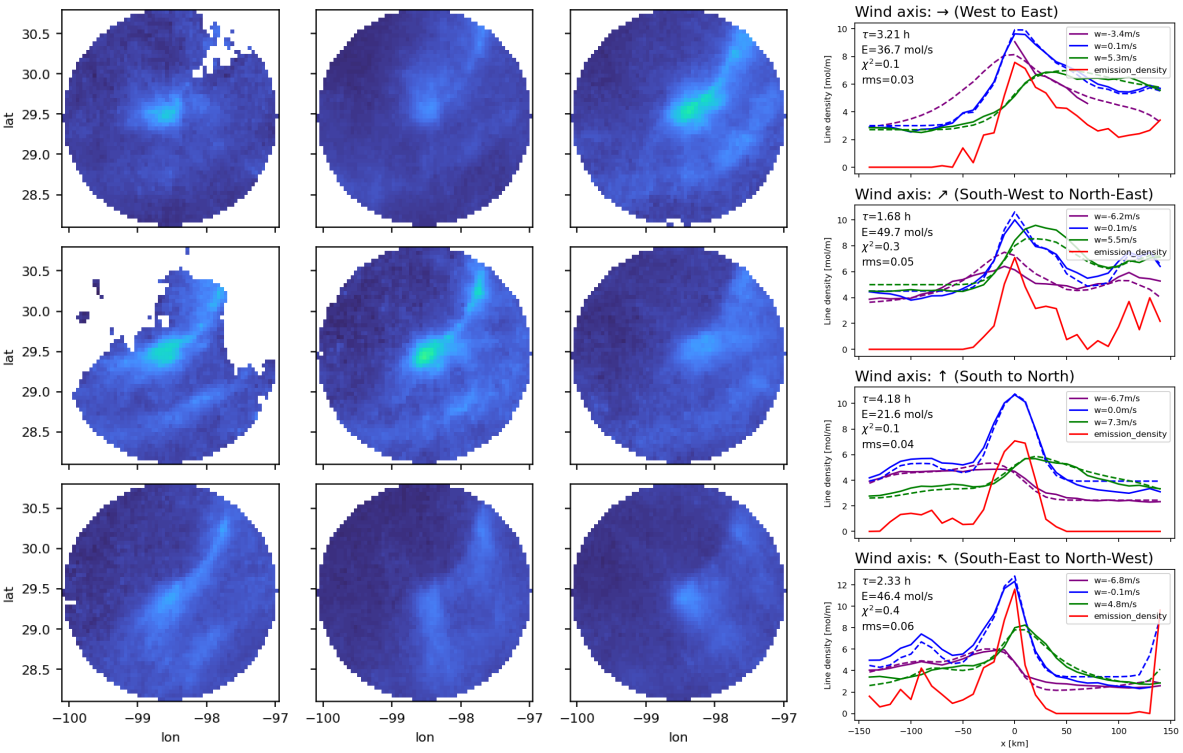


55.4 Autumn

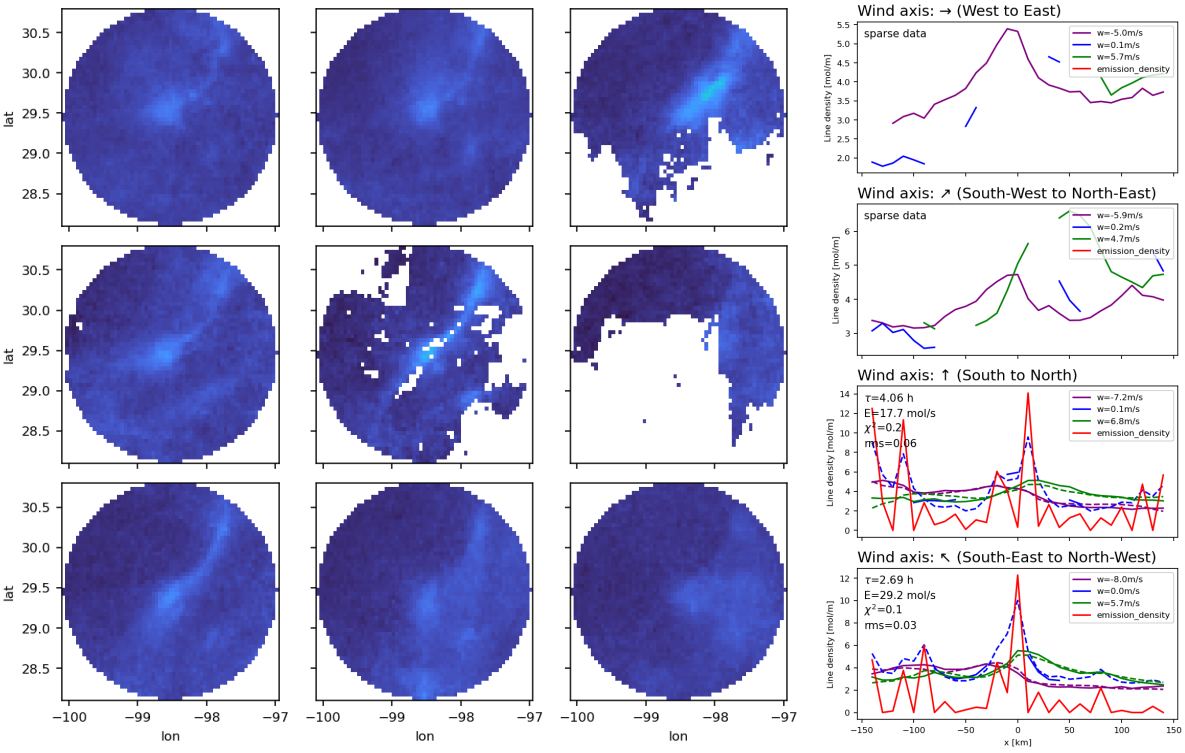


56 San Antonio

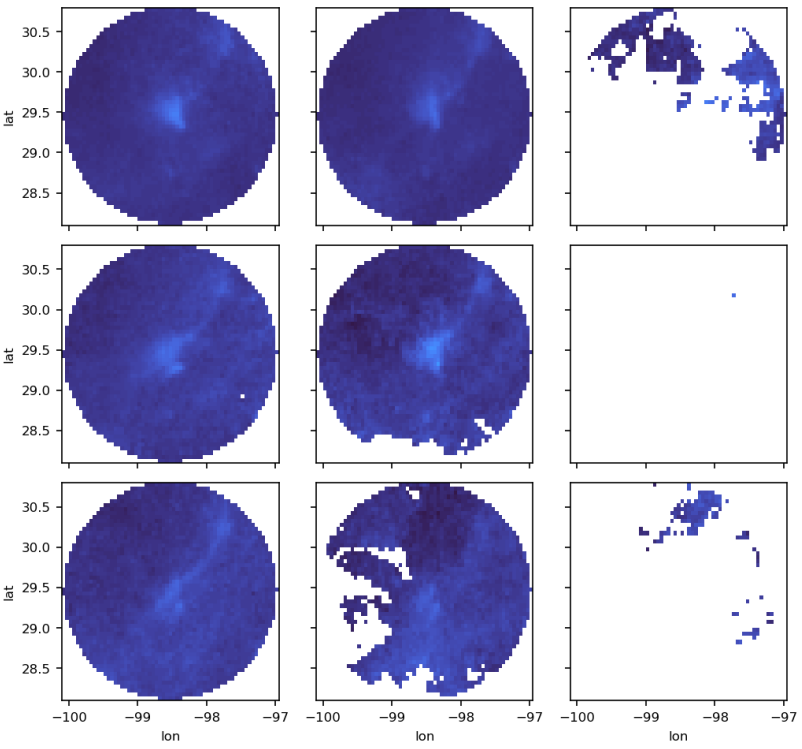
56.1 Winter

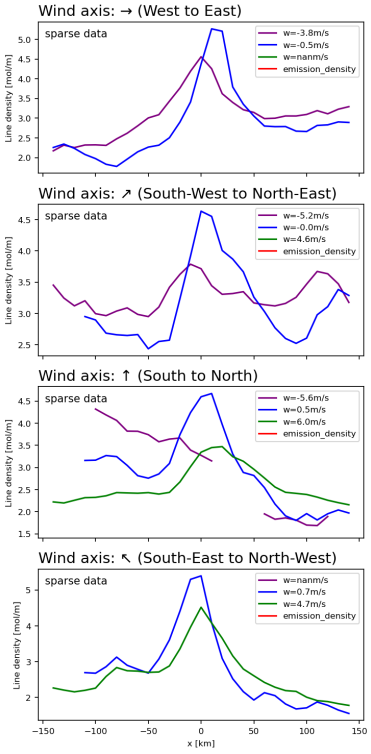


56.2 Spring

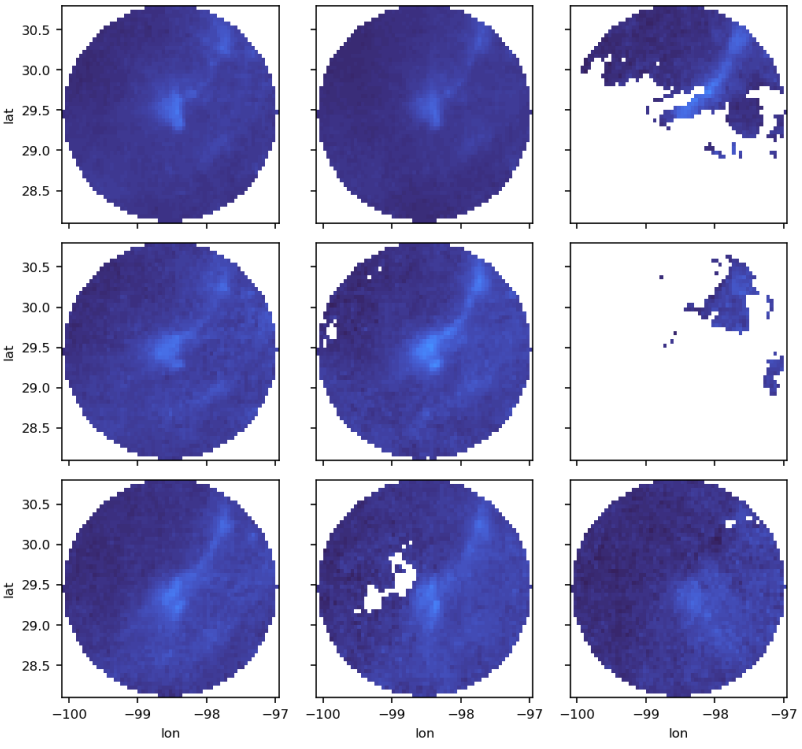


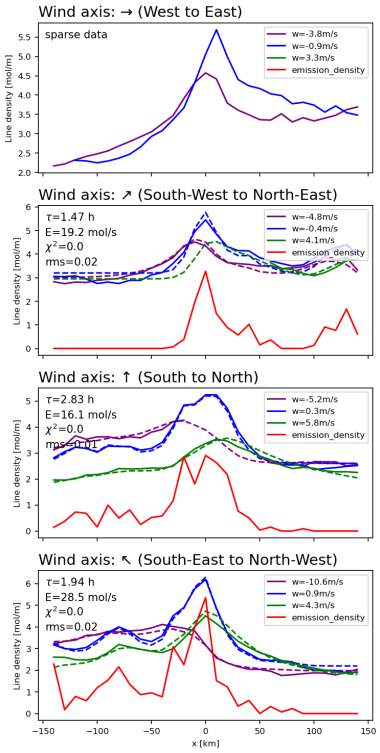
56.3 Summer





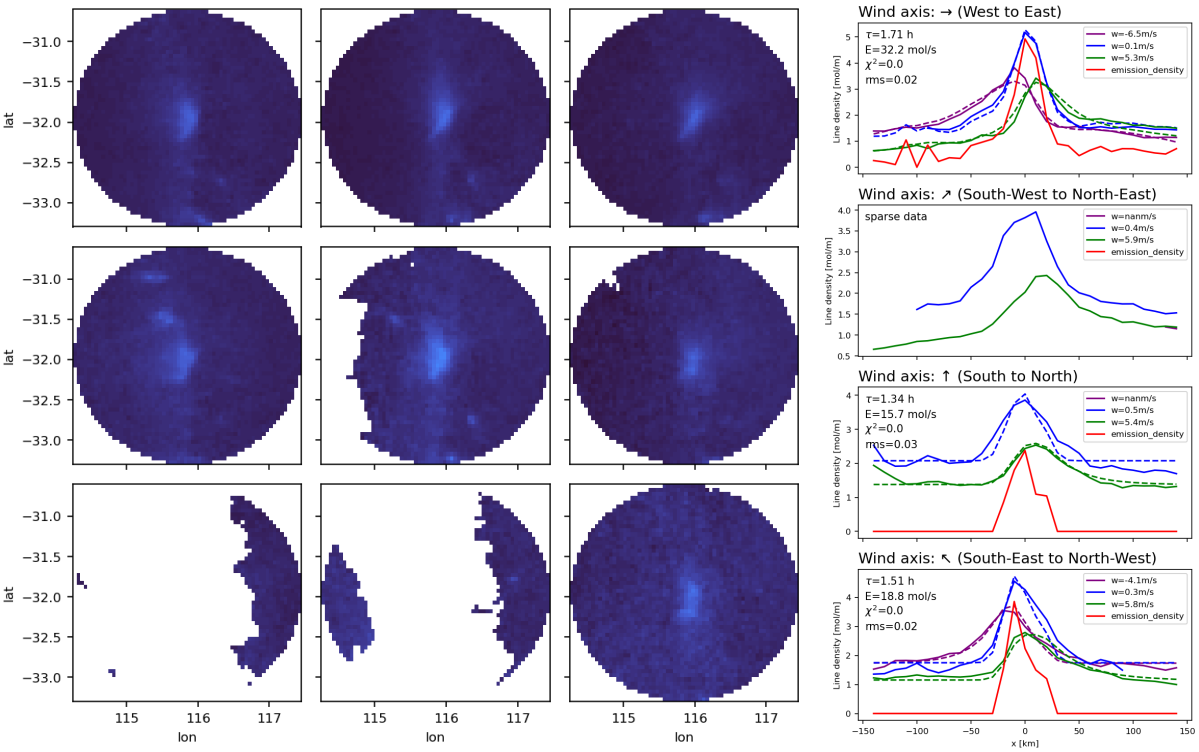
56.4 Autumn



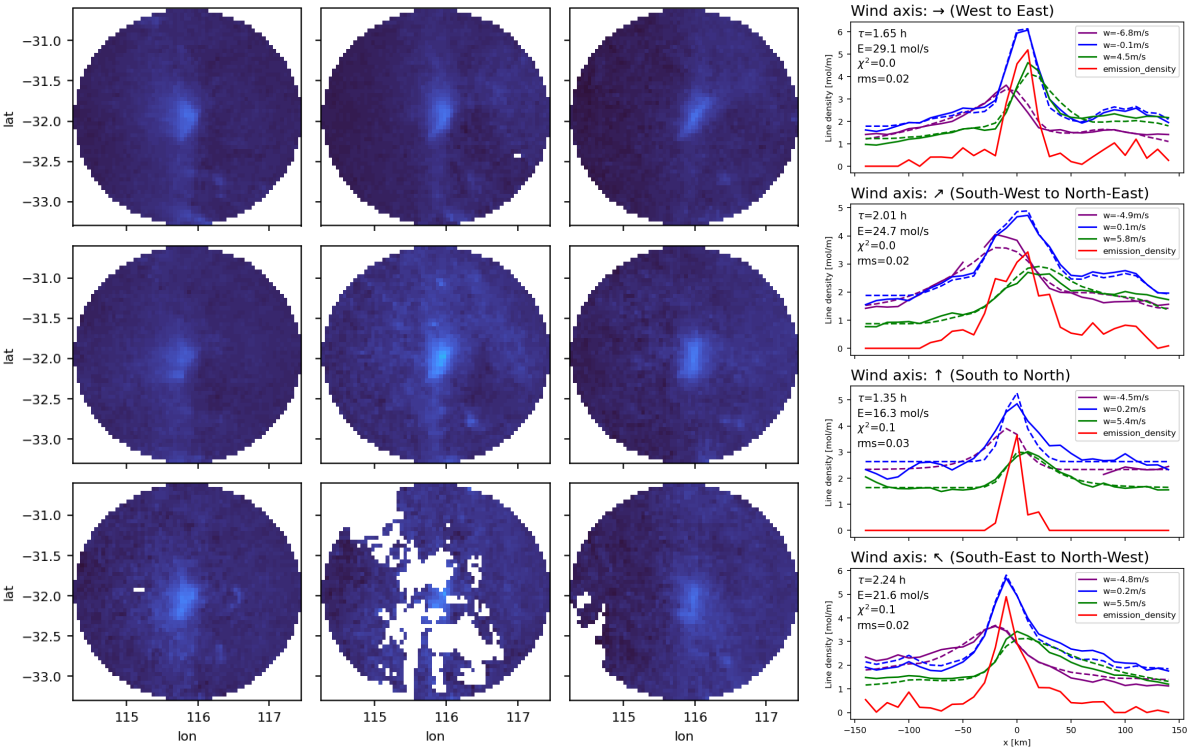


57 Perth

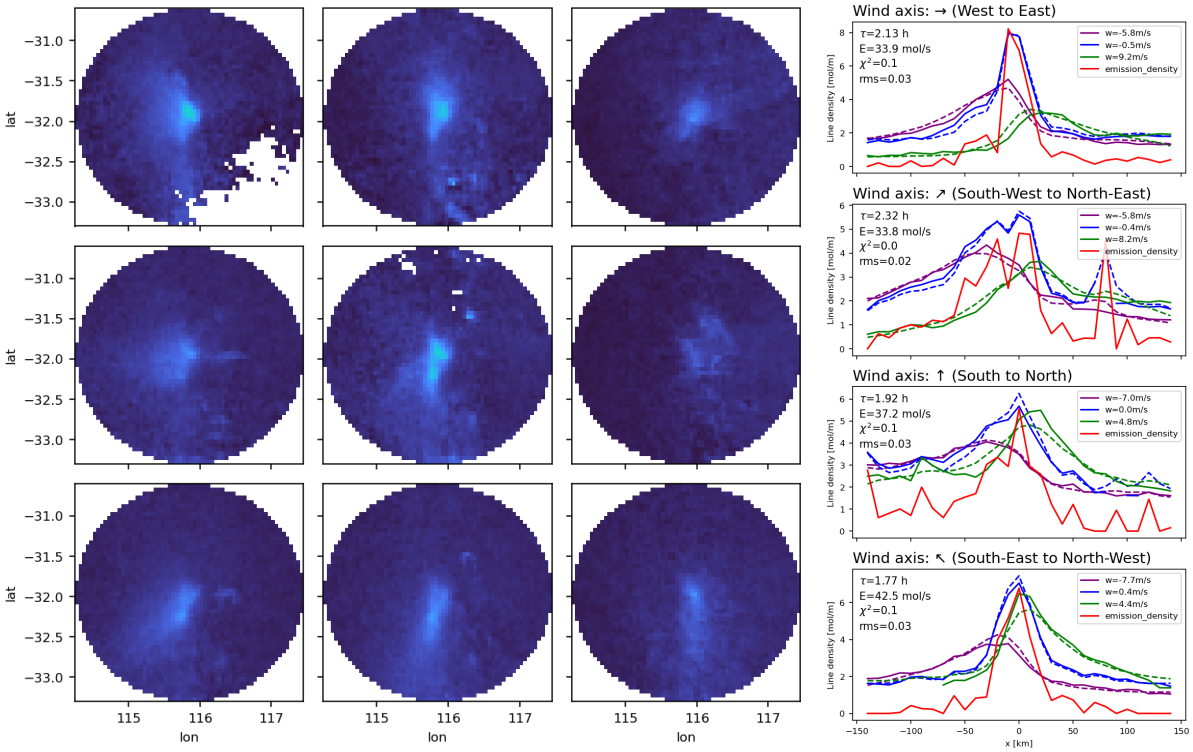
57.1 Winter



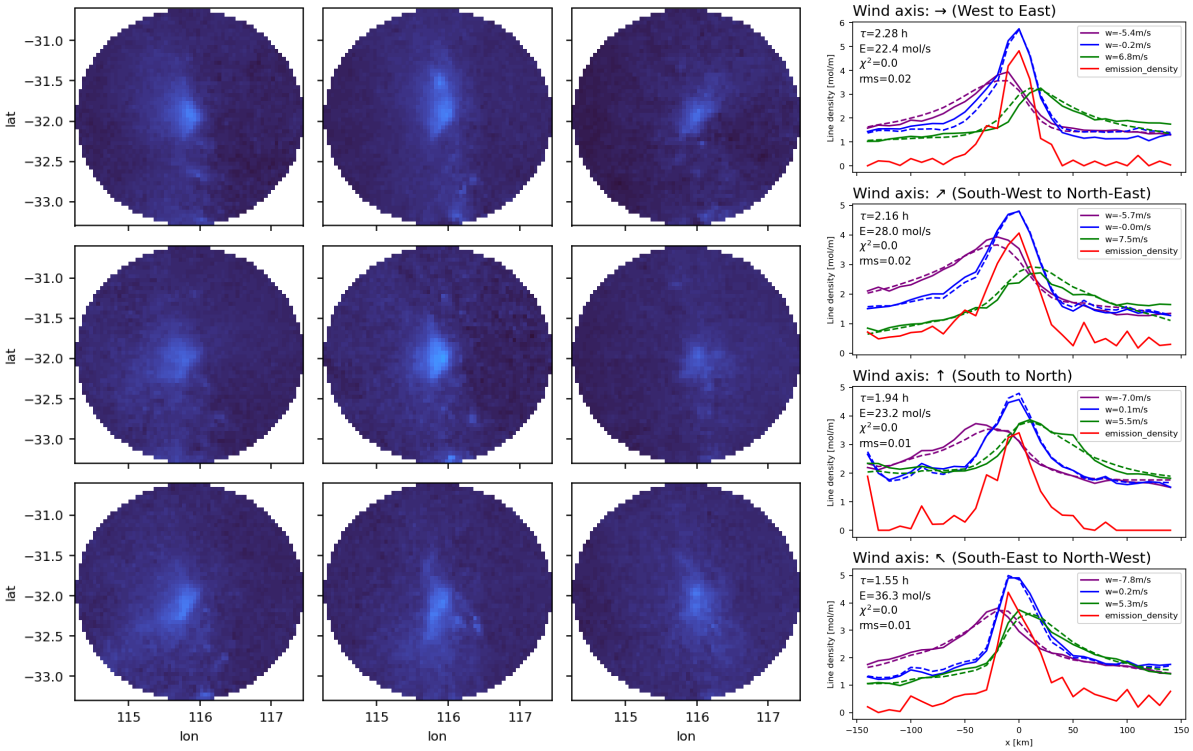
57.2 Spring



57.3 Summer

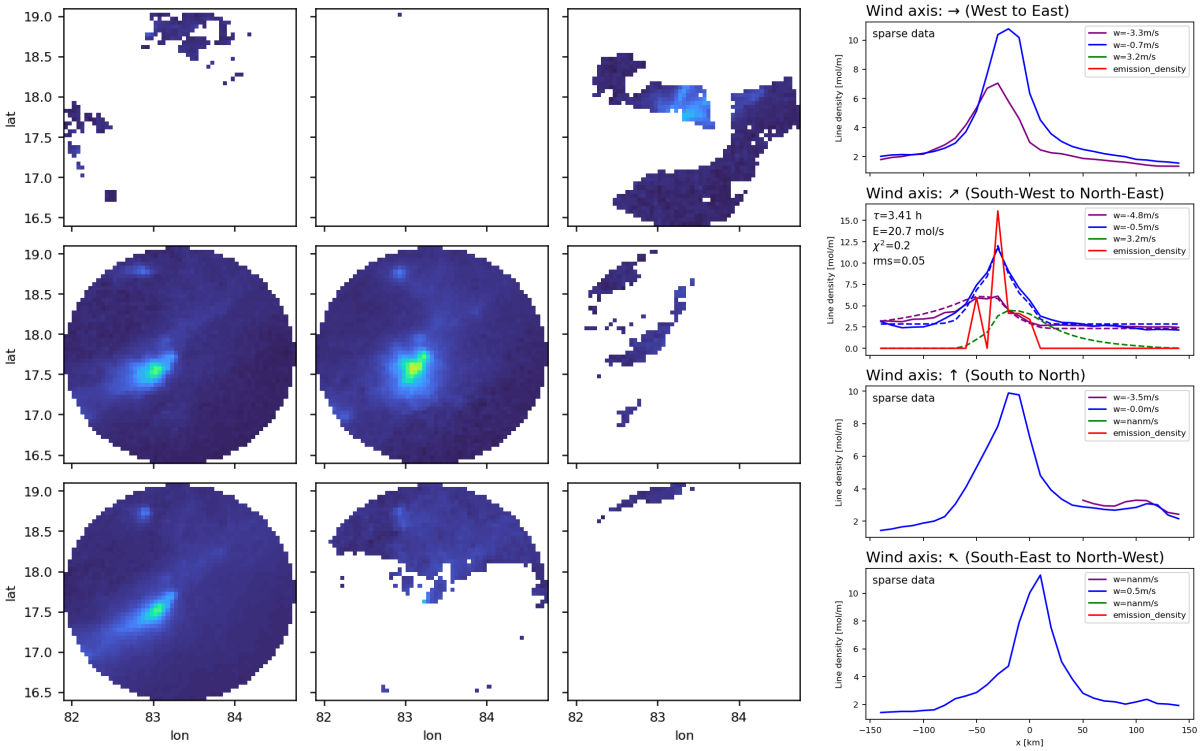


57.4 Autumn

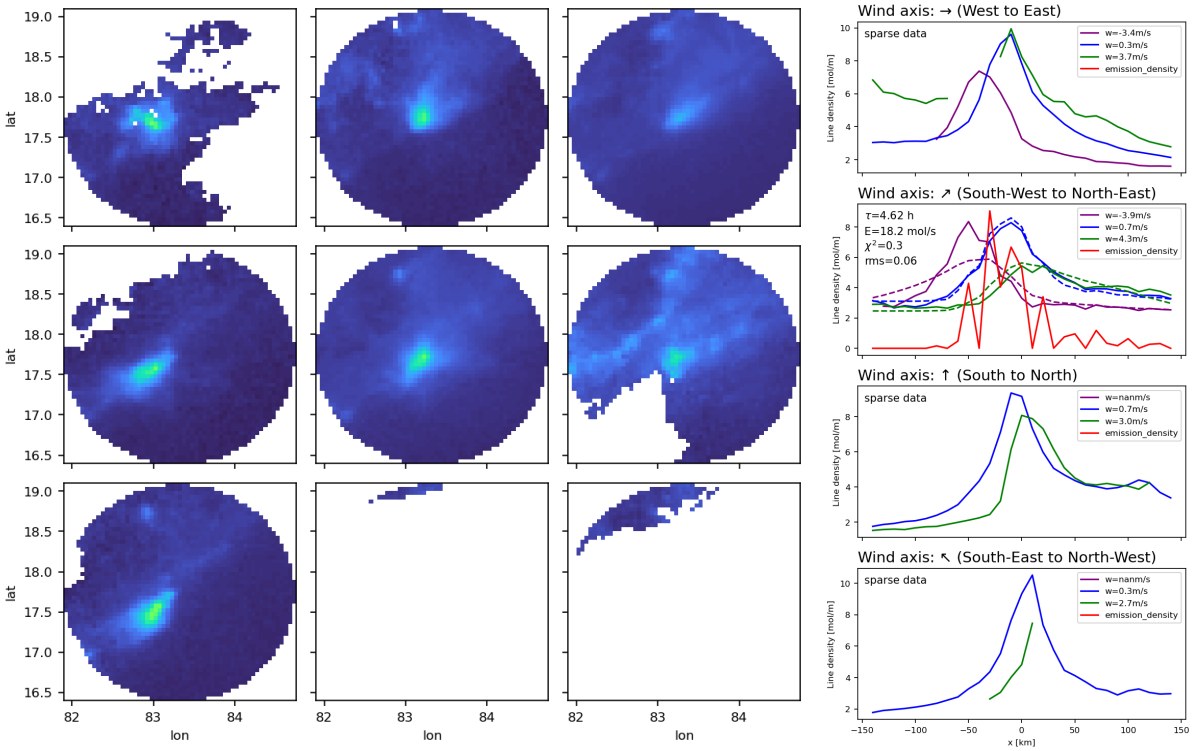


58 Vishākhapatnam

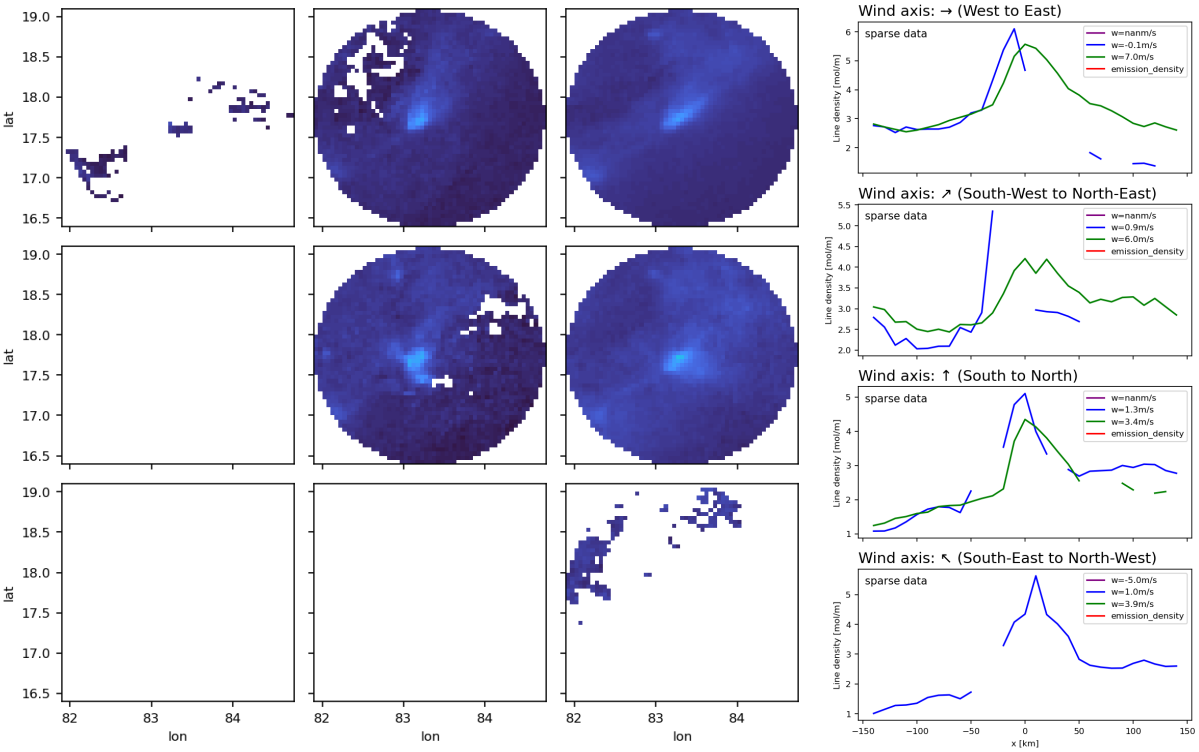
58.1 Winter



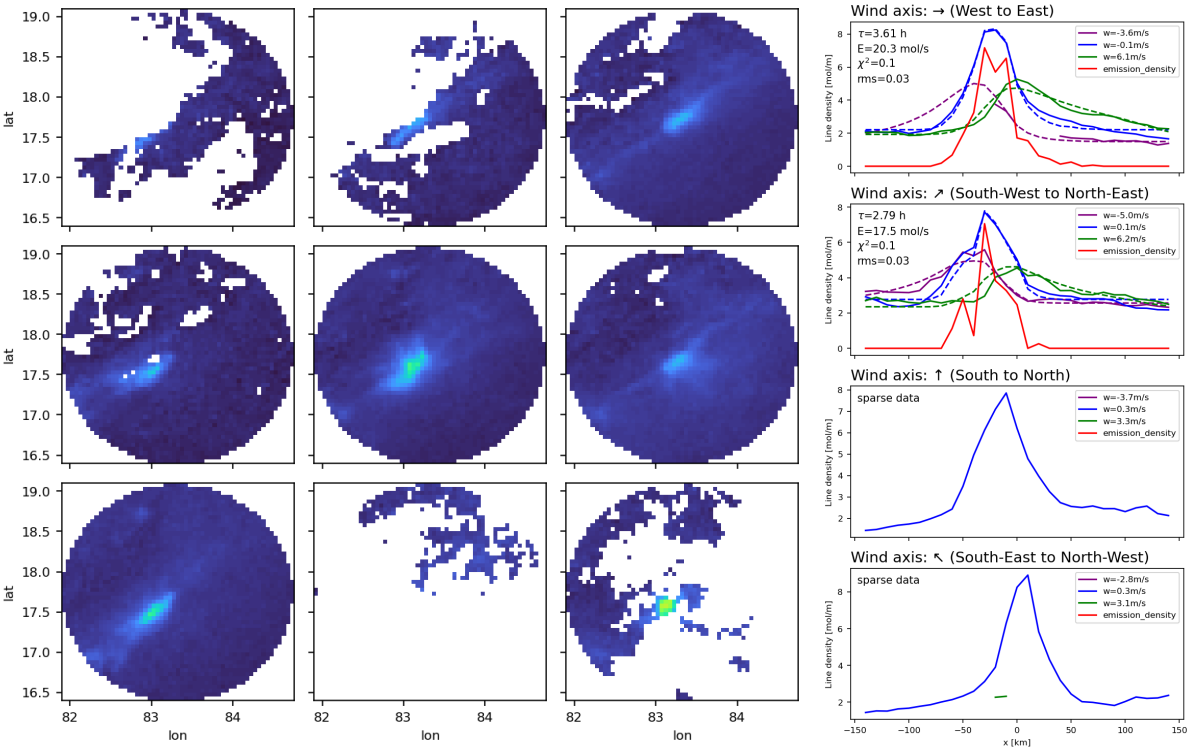
58.2 Spring



58.3 Summer

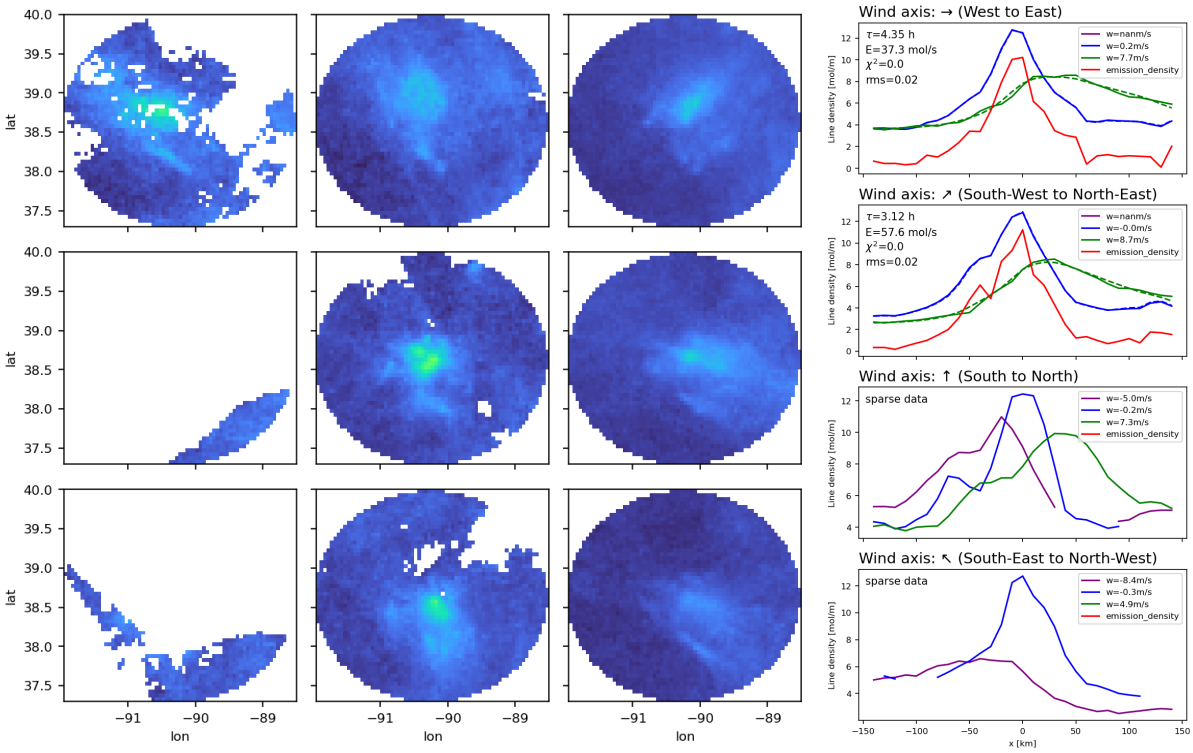


58.4 Autumn

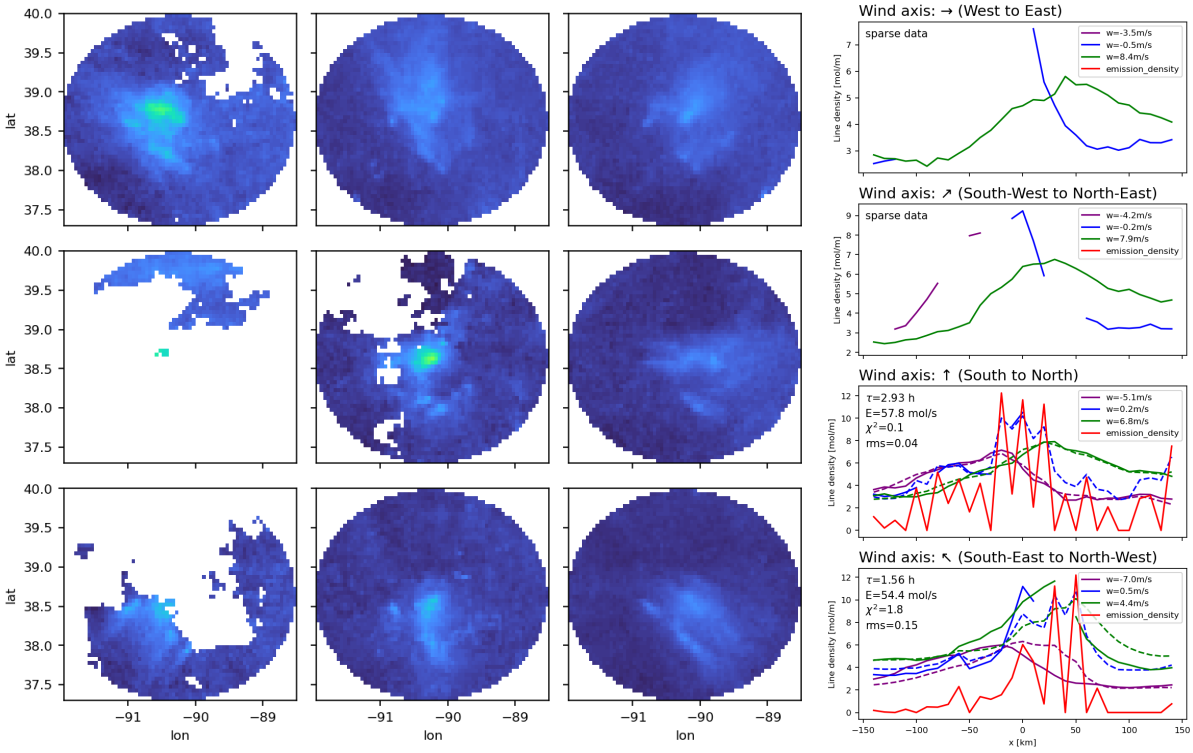


59 St. Louis

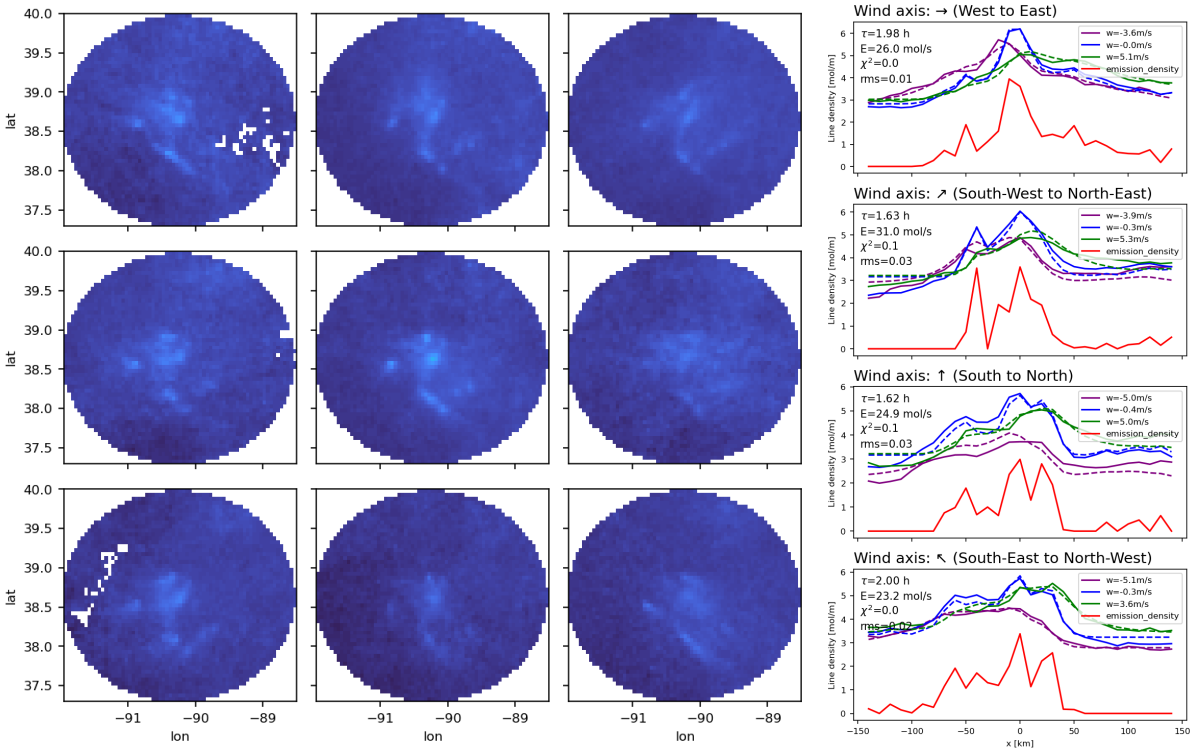
59.1 Winter



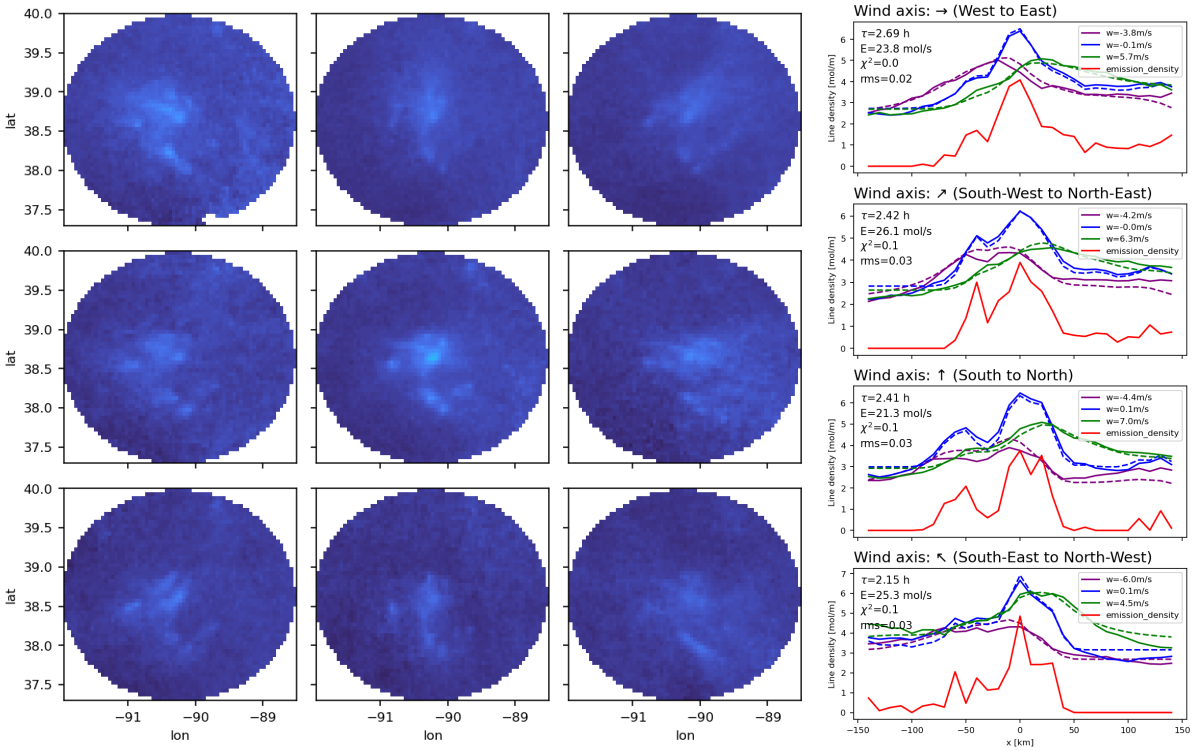
59.2 Spring



59.3 Summer

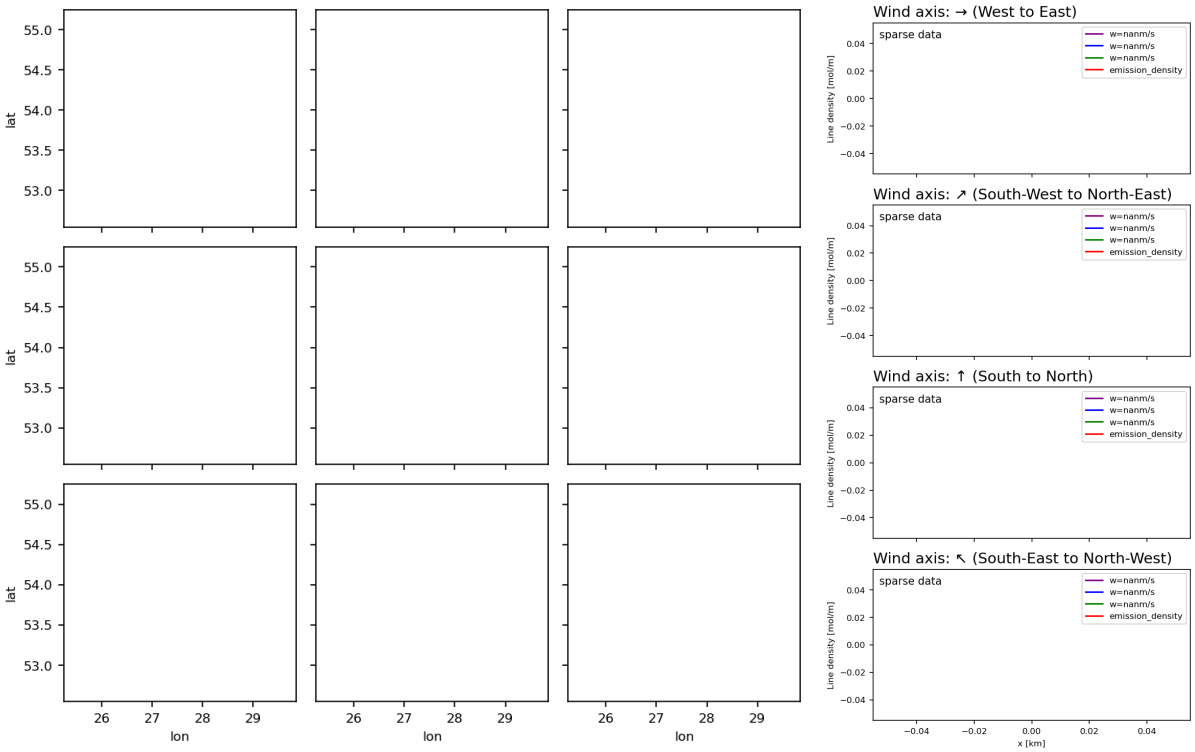


59.4 Autumn

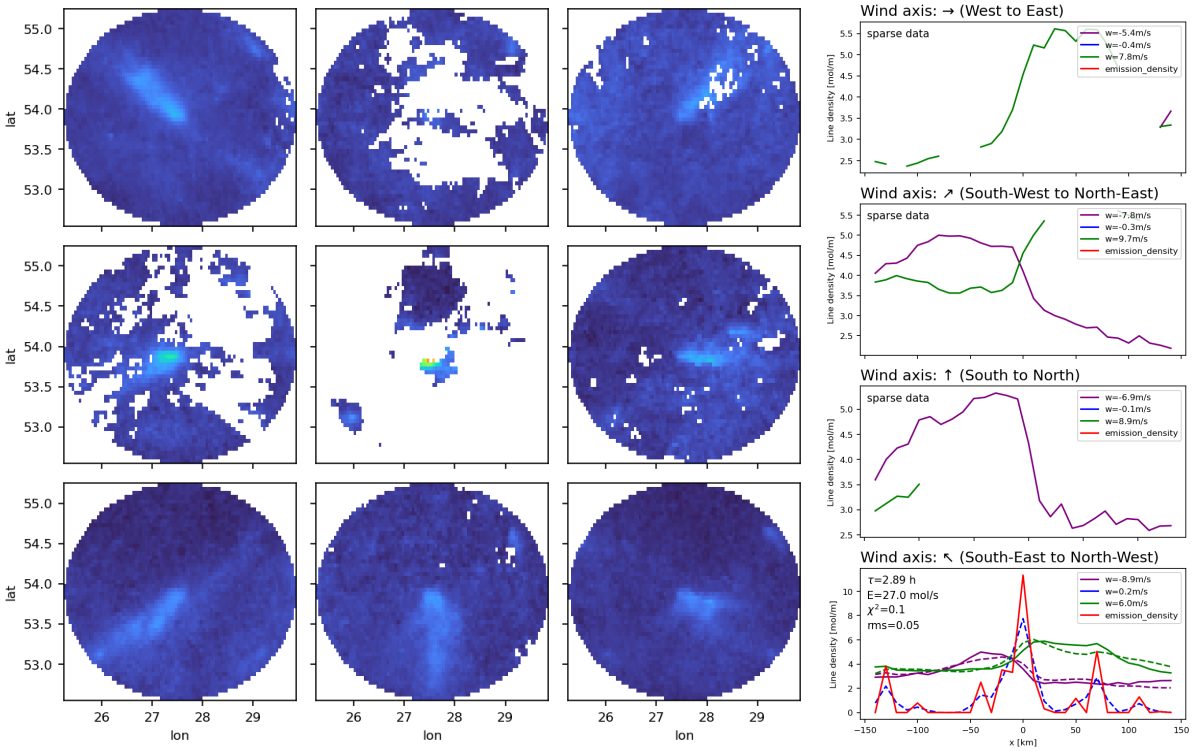


60 Minsk

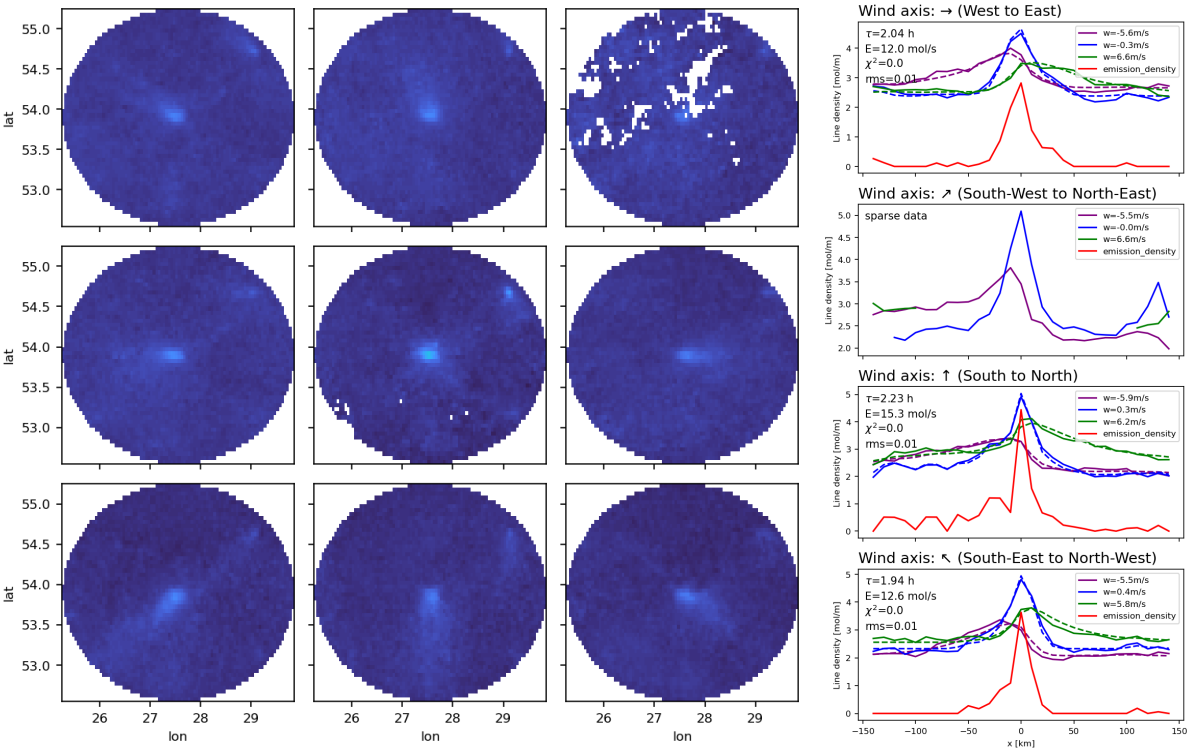
60.1 Winter



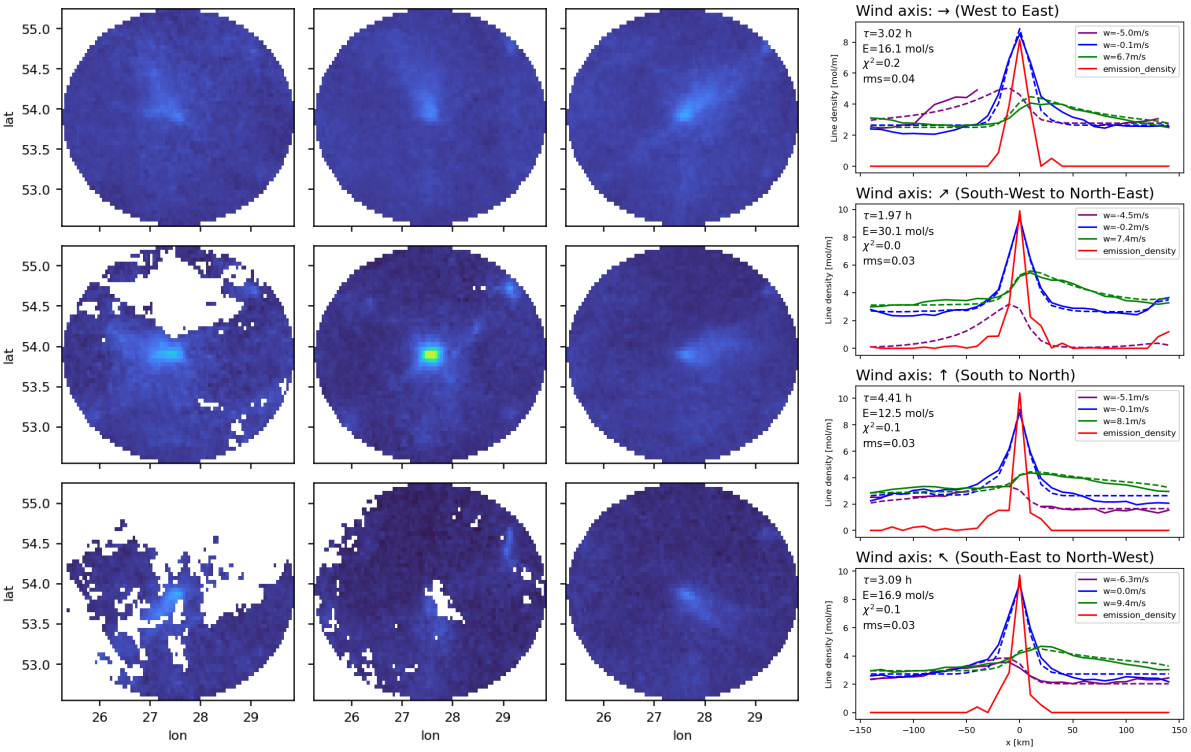
60.2 Spring



60.3 Summer

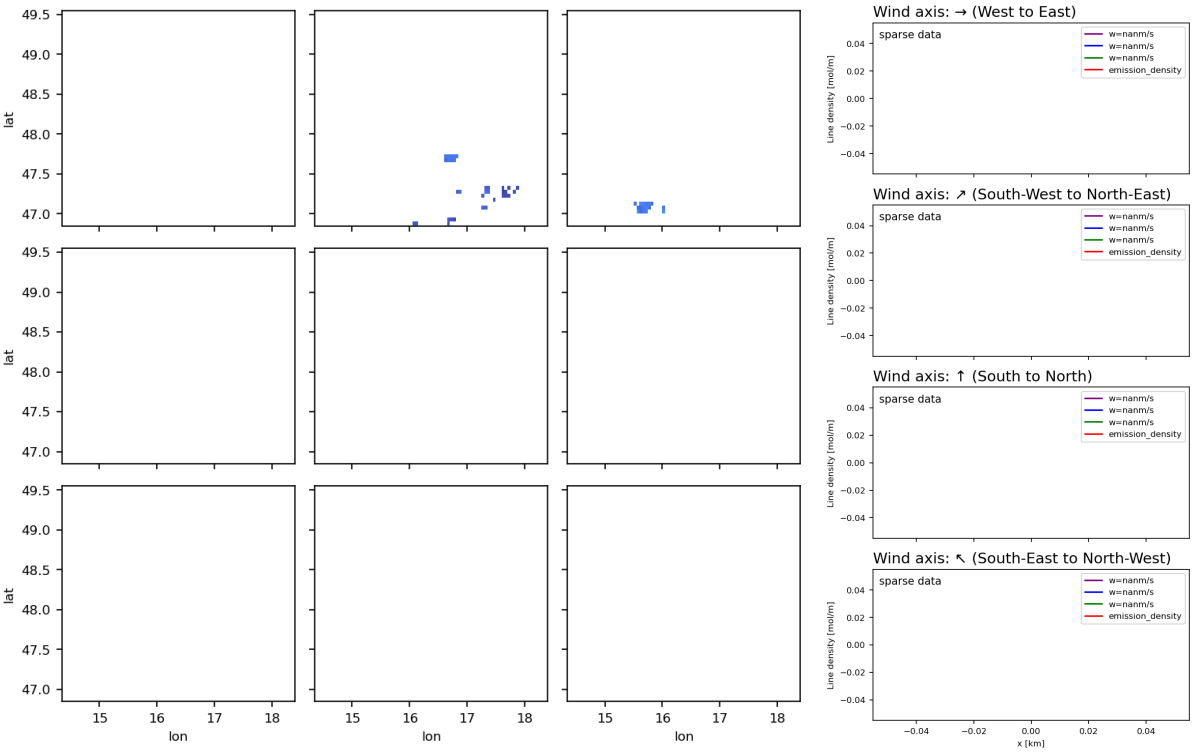


60.4 Autumn

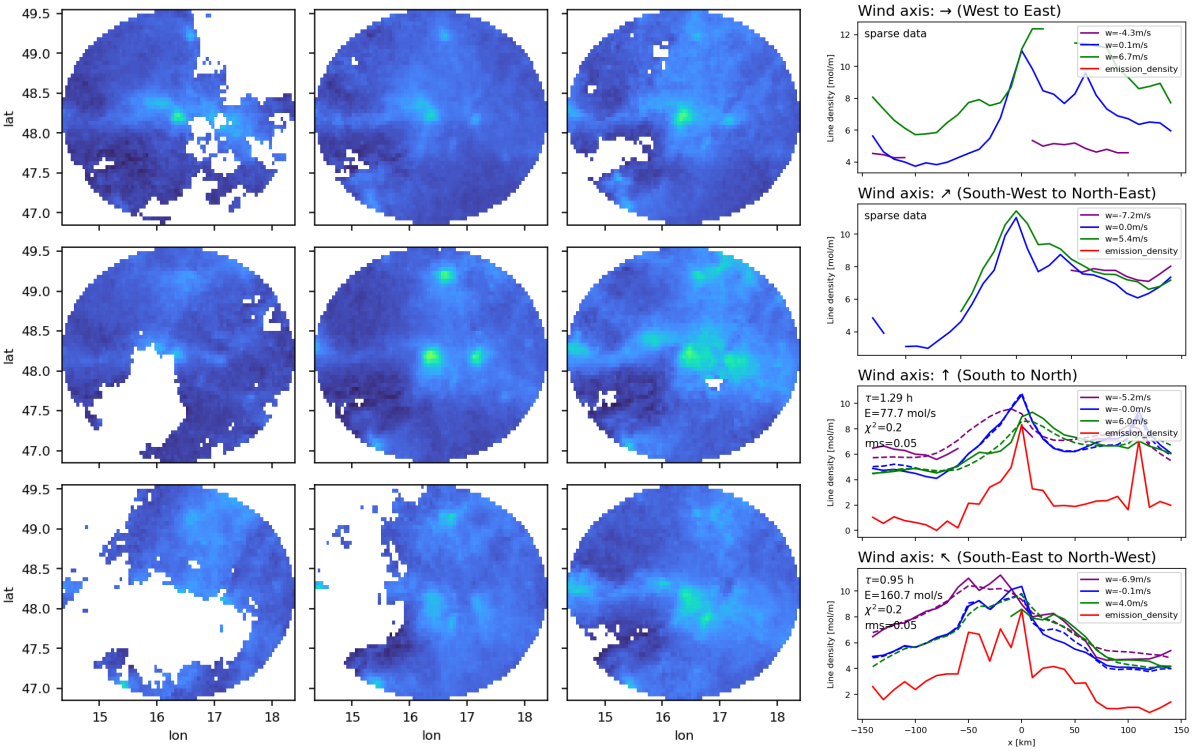


61 Vienna

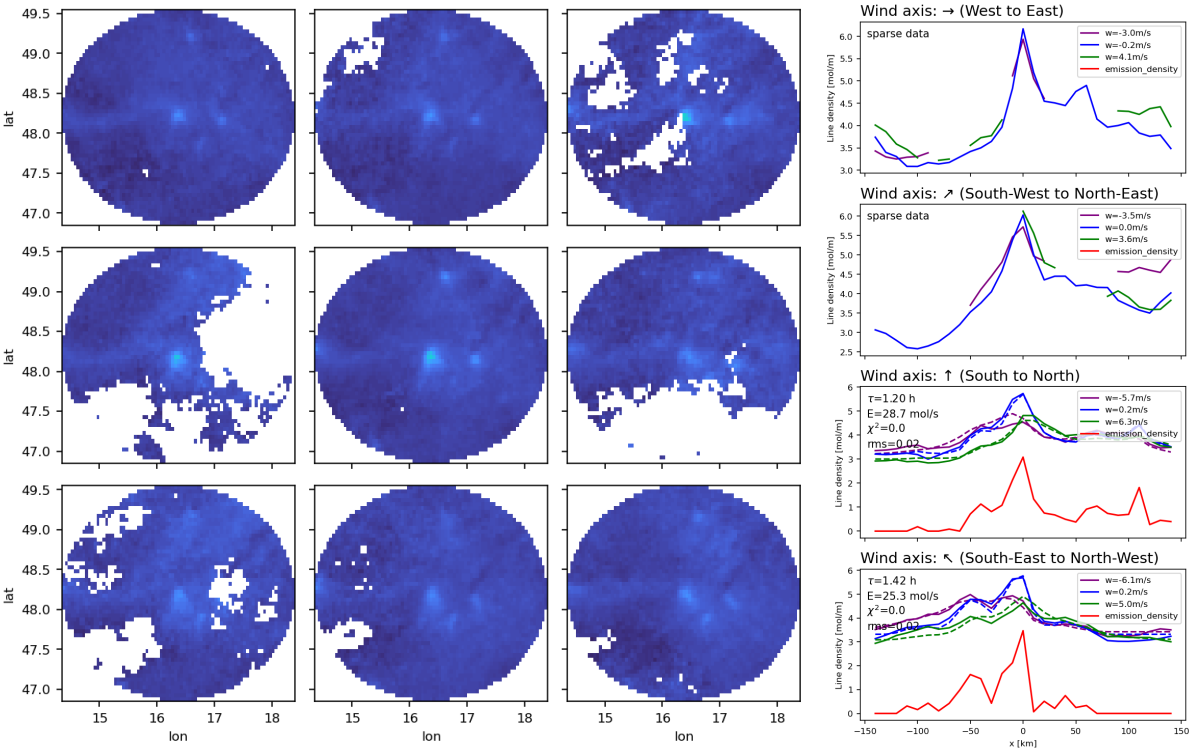
61.1 Winter



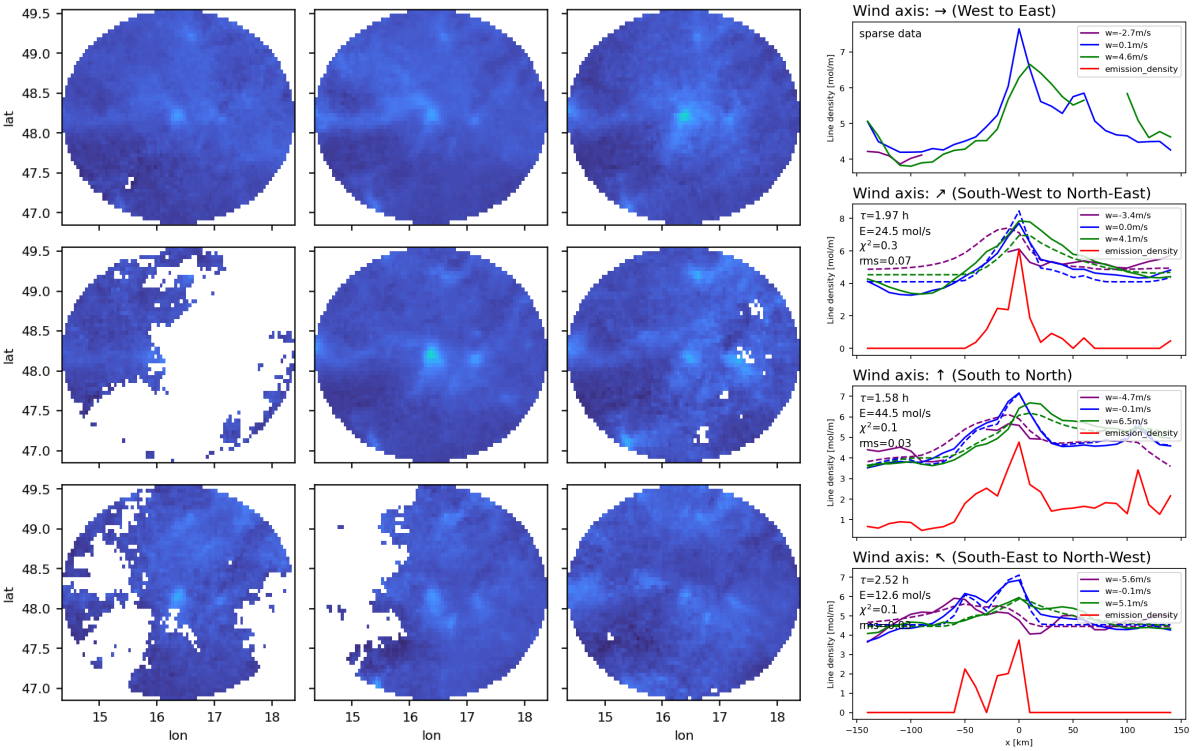
61.2 Spring



61.3 Summer

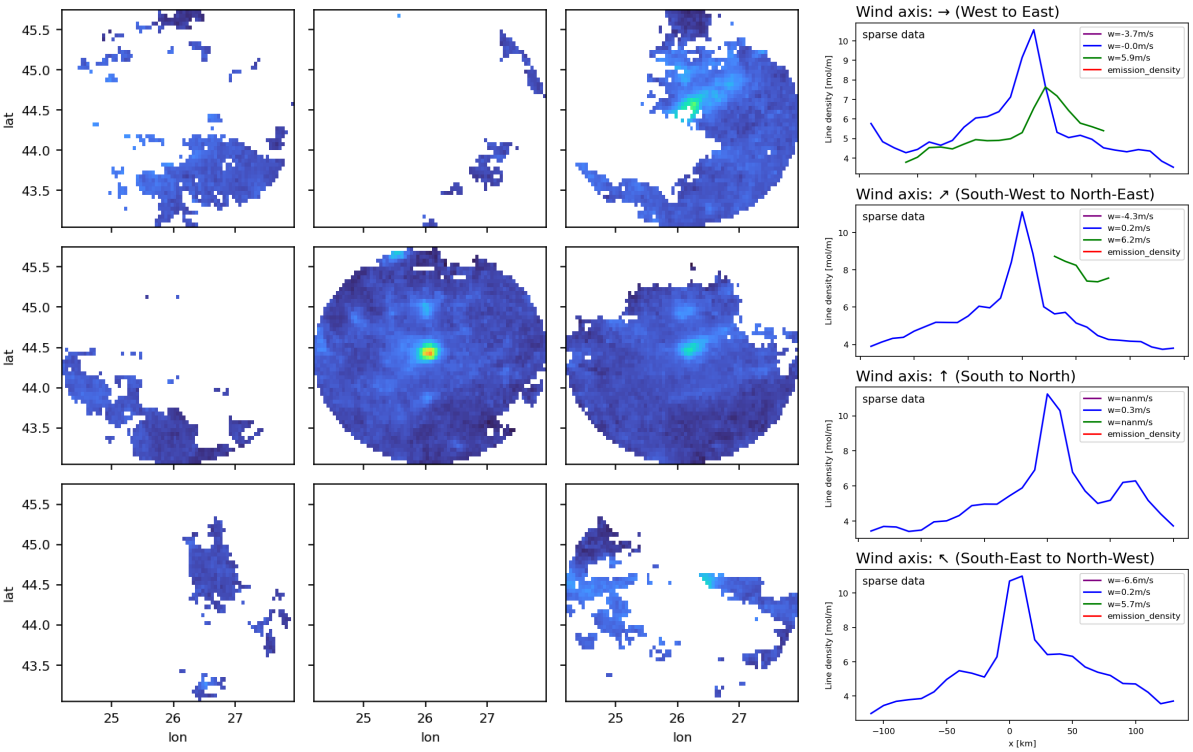


61.4 Autumn

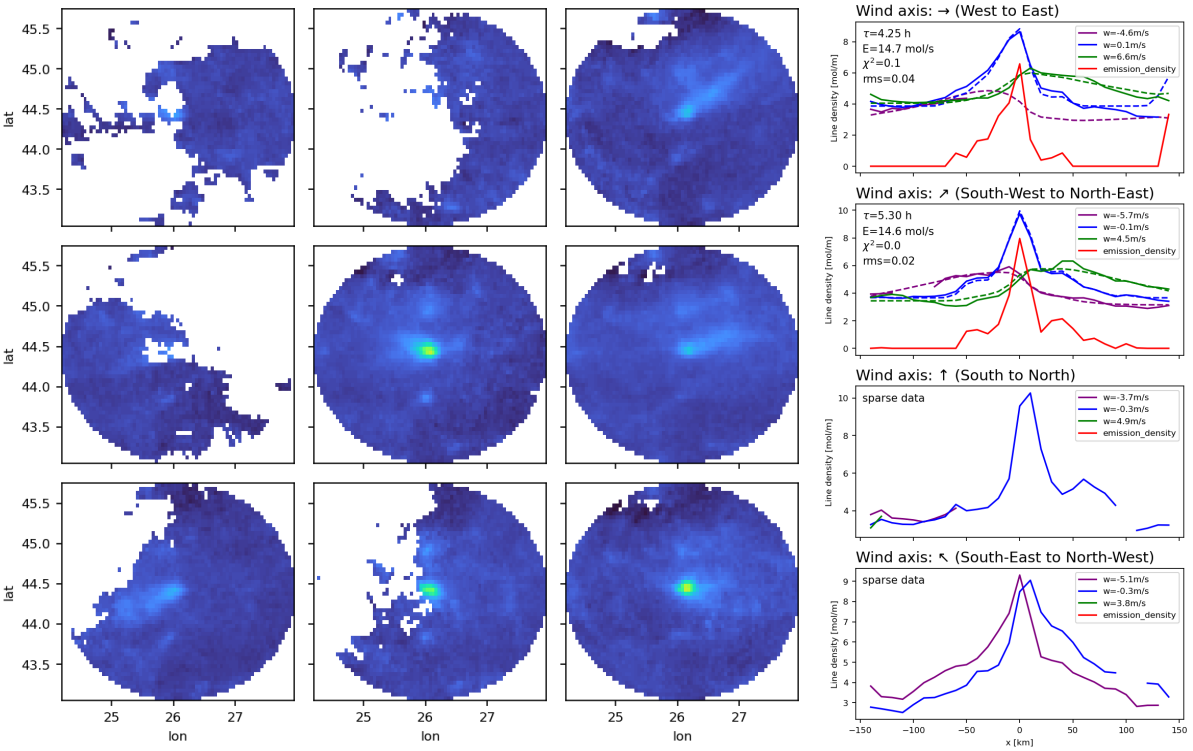


62 Bucharest

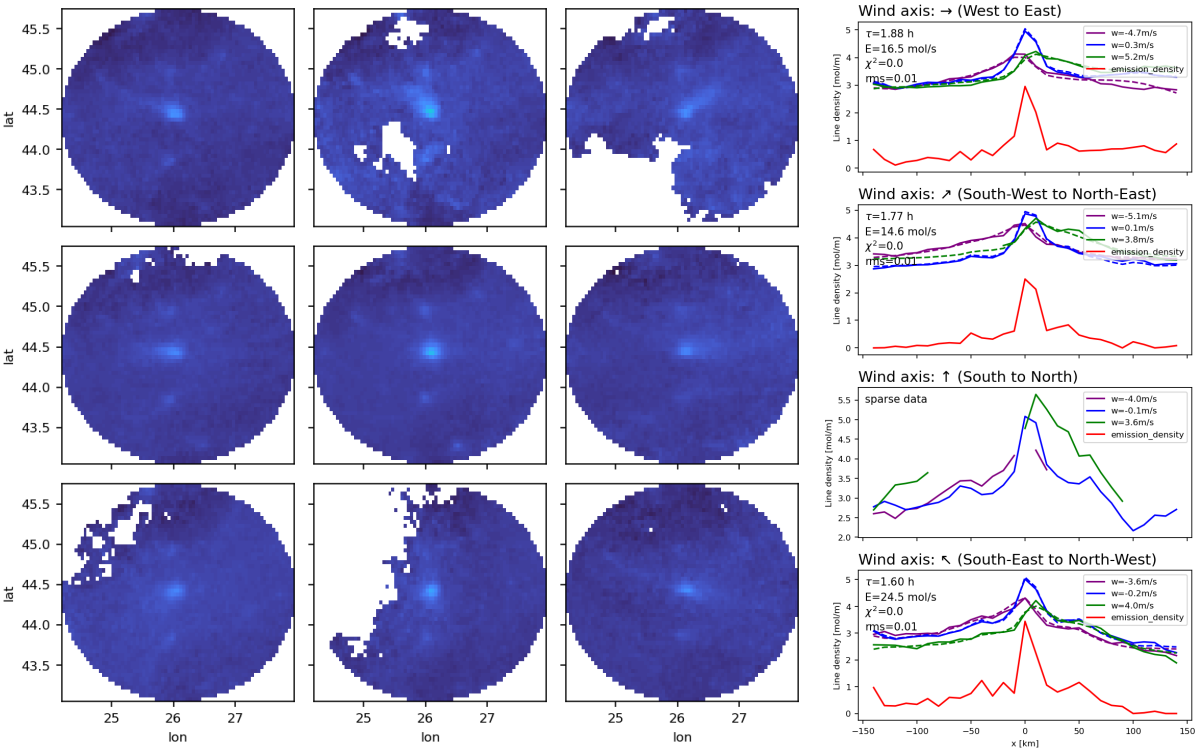
62.1 Winter



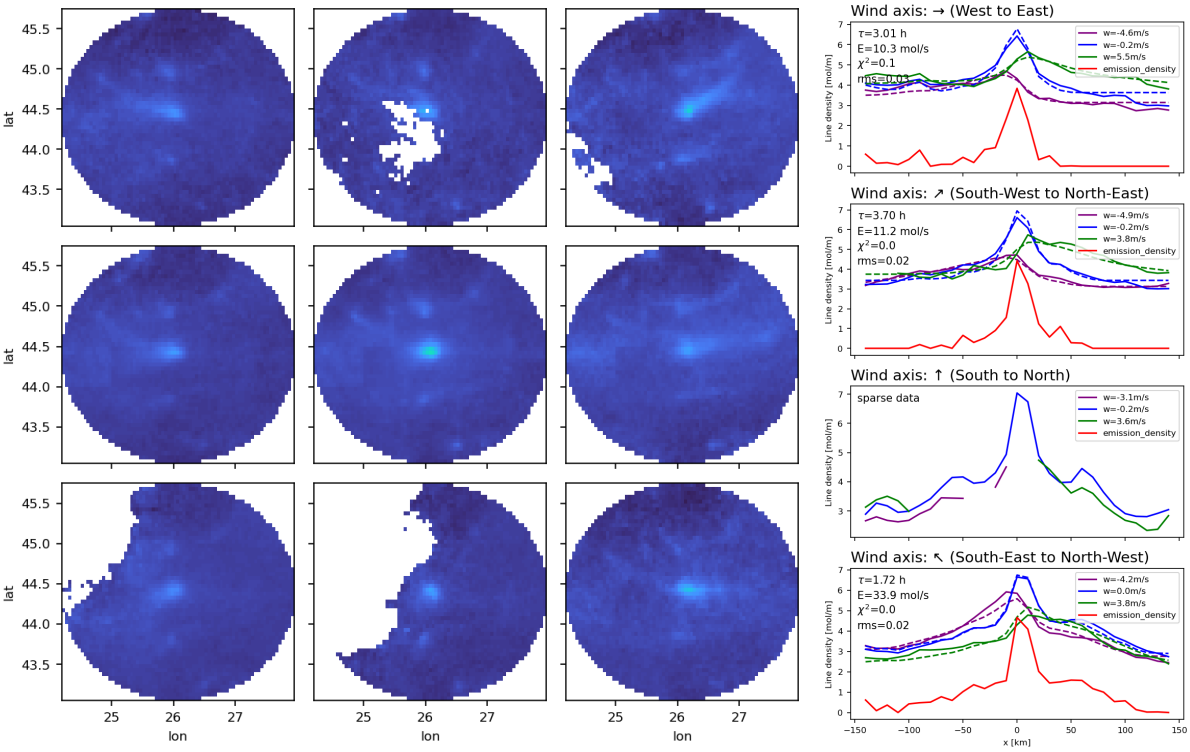
62.2 Spring



62.3 Summer

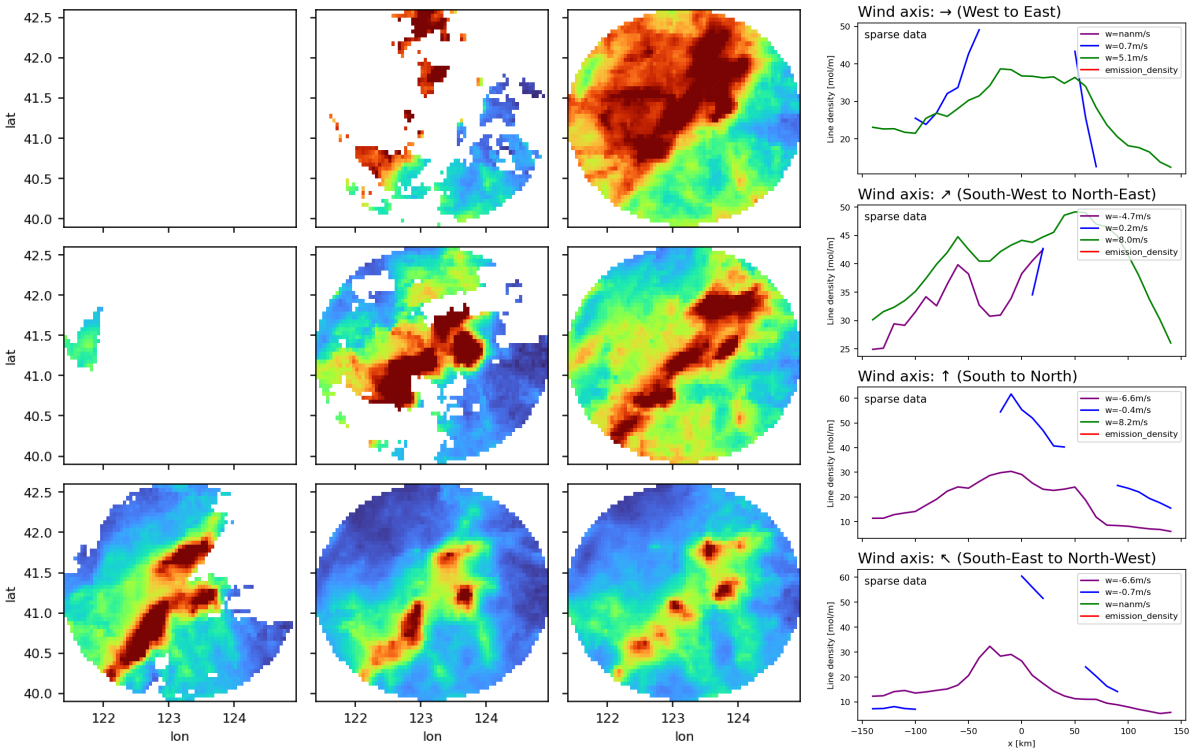


62.4 Autumn

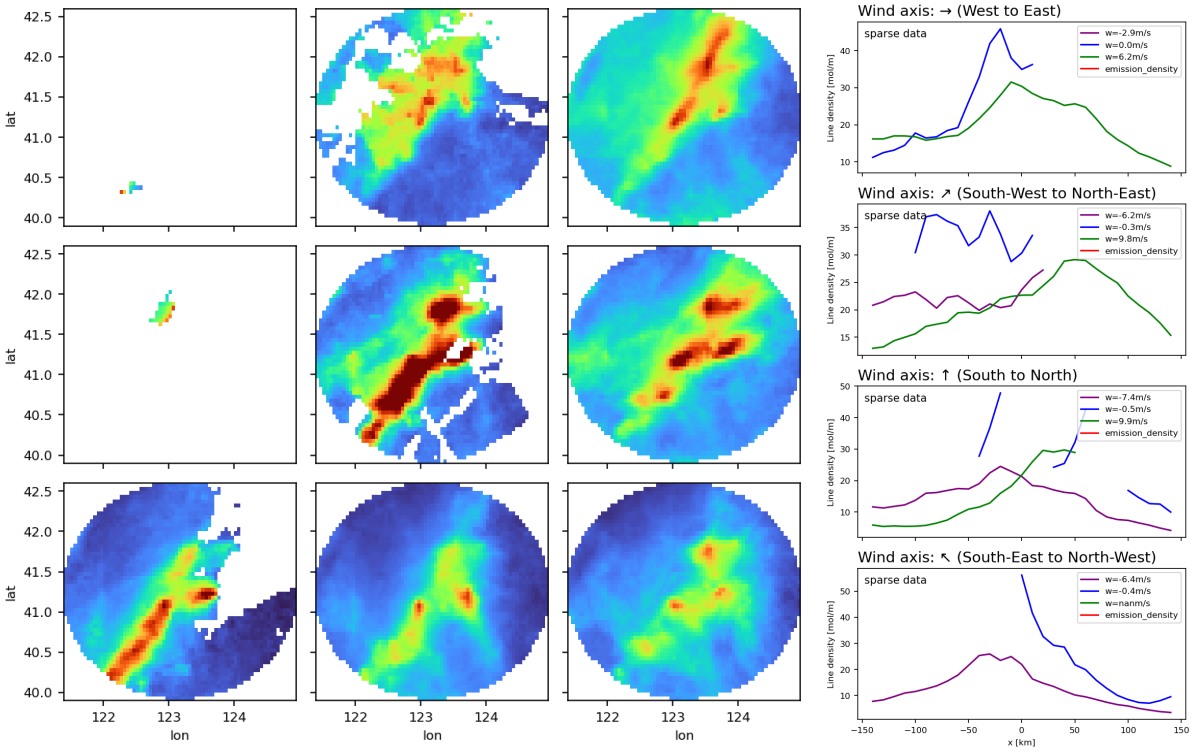


63 Liaoyang

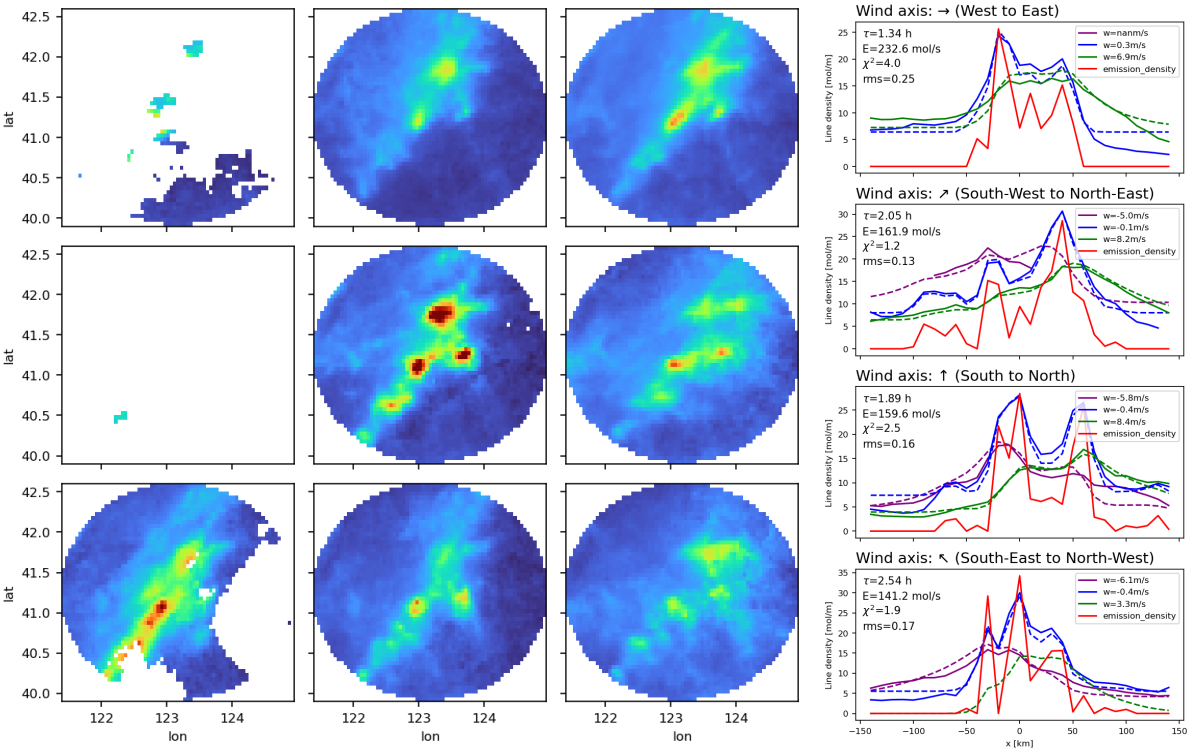
63.1 Winter



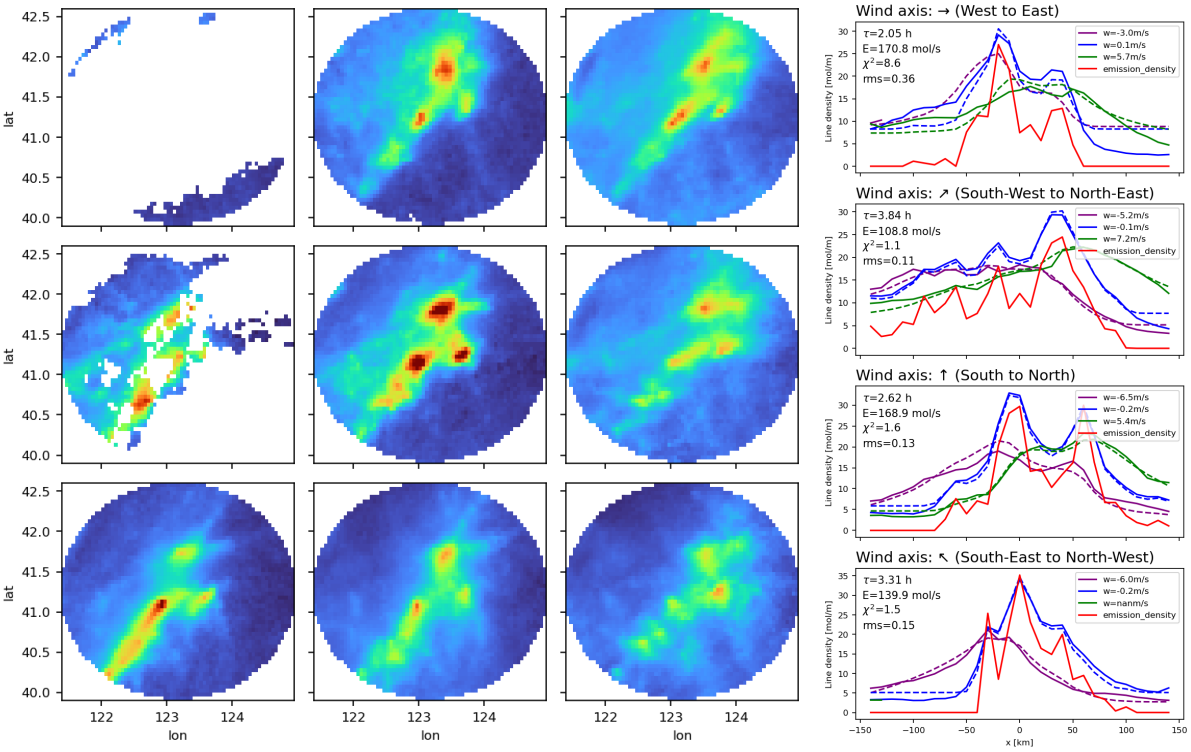
63.2 Spring



63.3 Summer

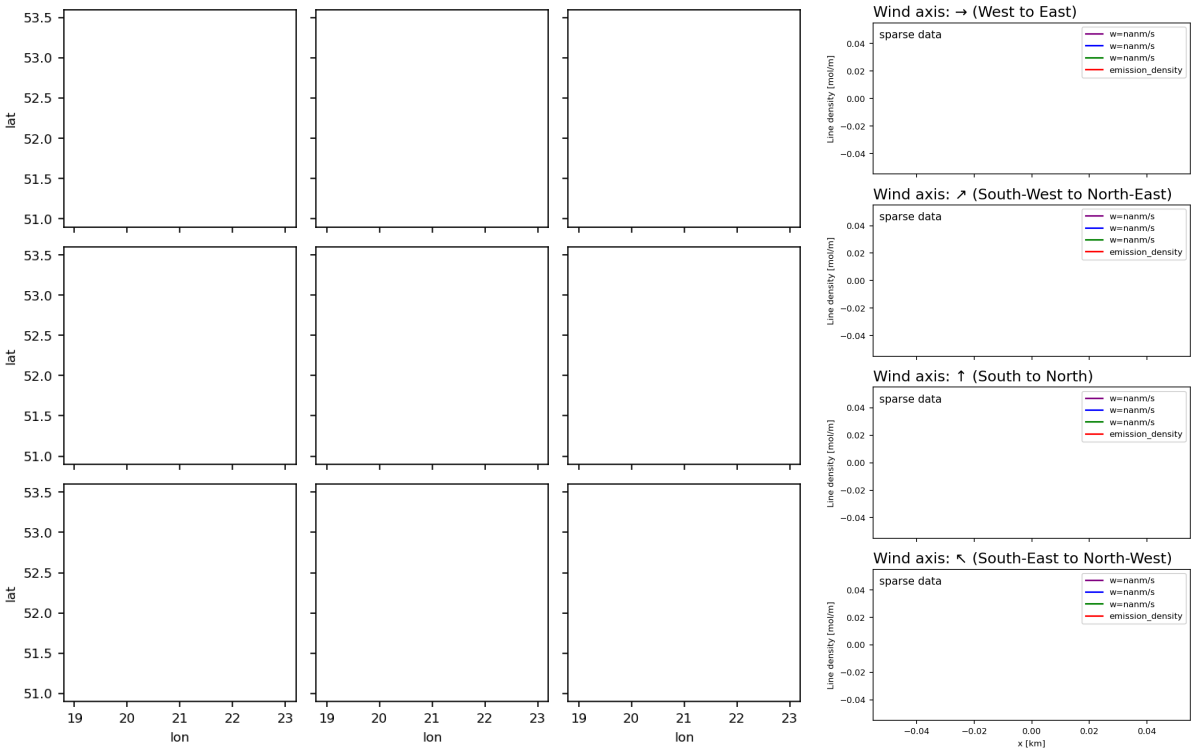


63.4 Autumn

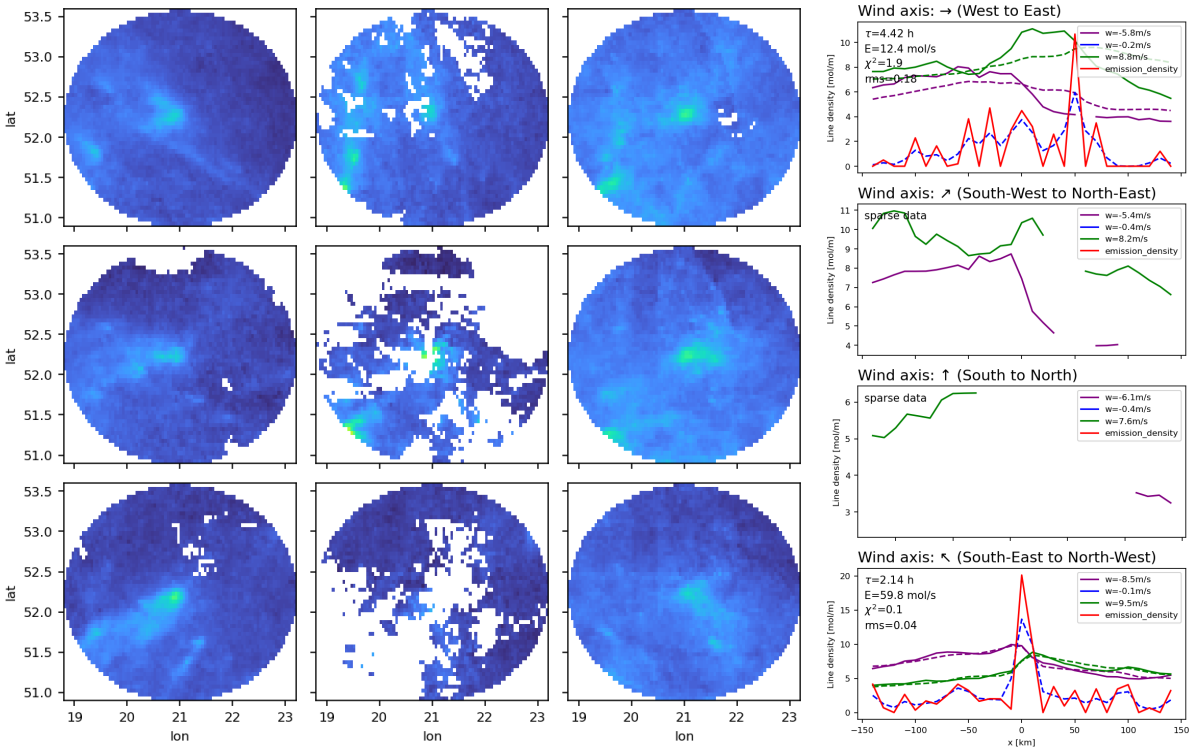


64 Warsaw

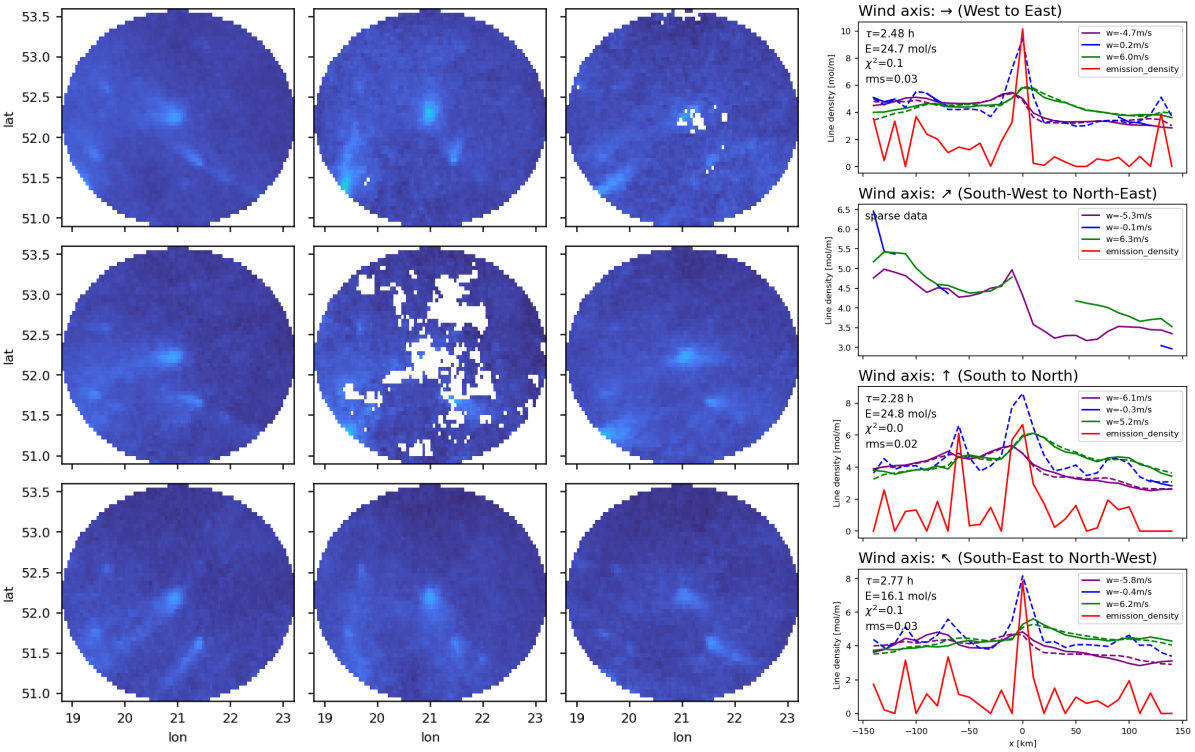
64.1 Winter



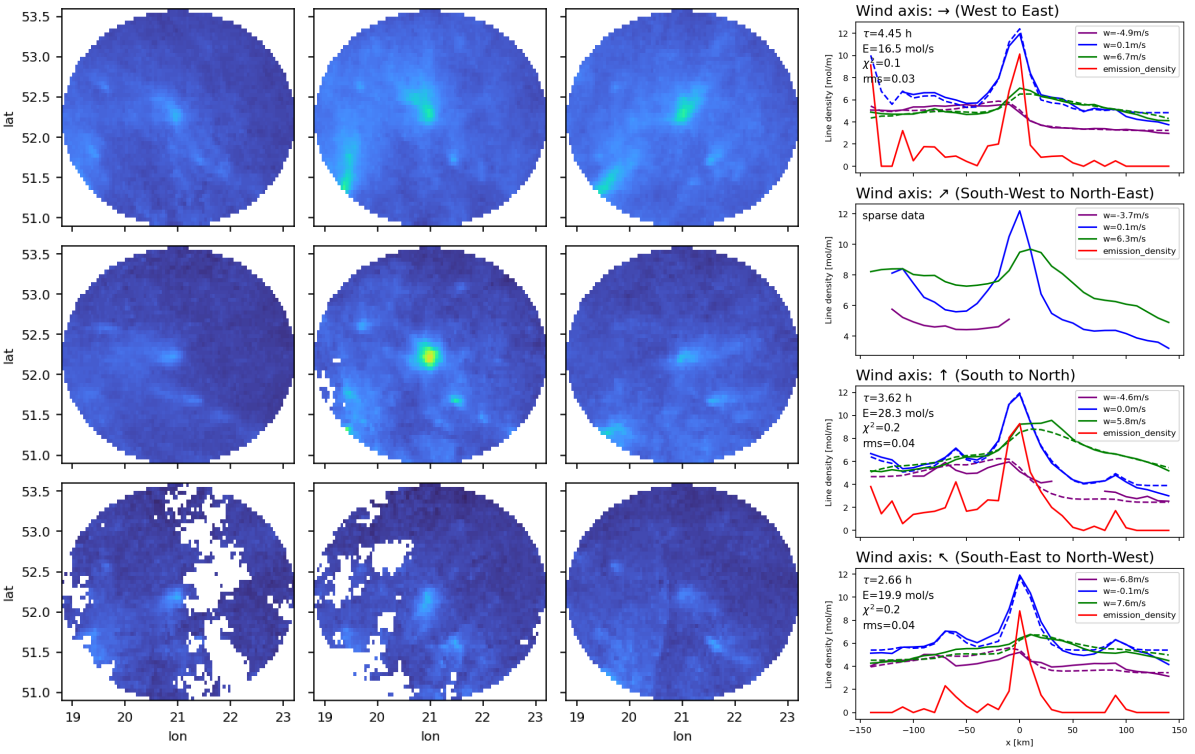
64.2 Spring



64.3 Summer

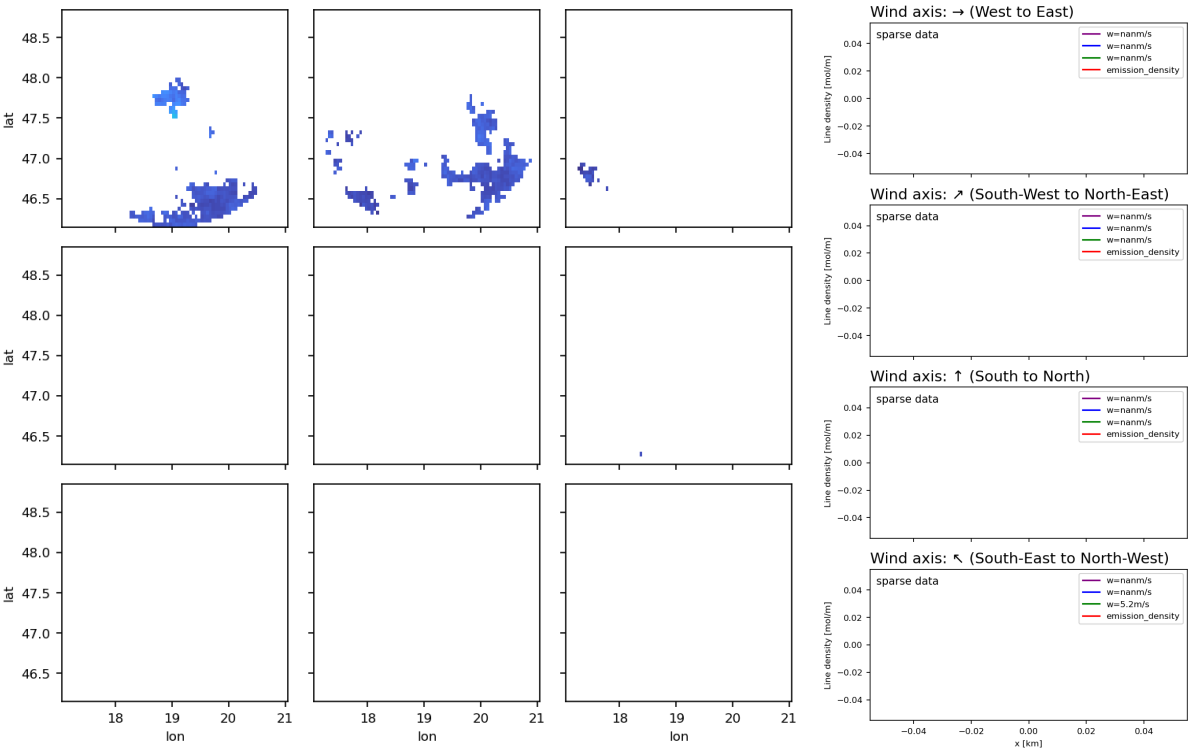


64.4 Autumn

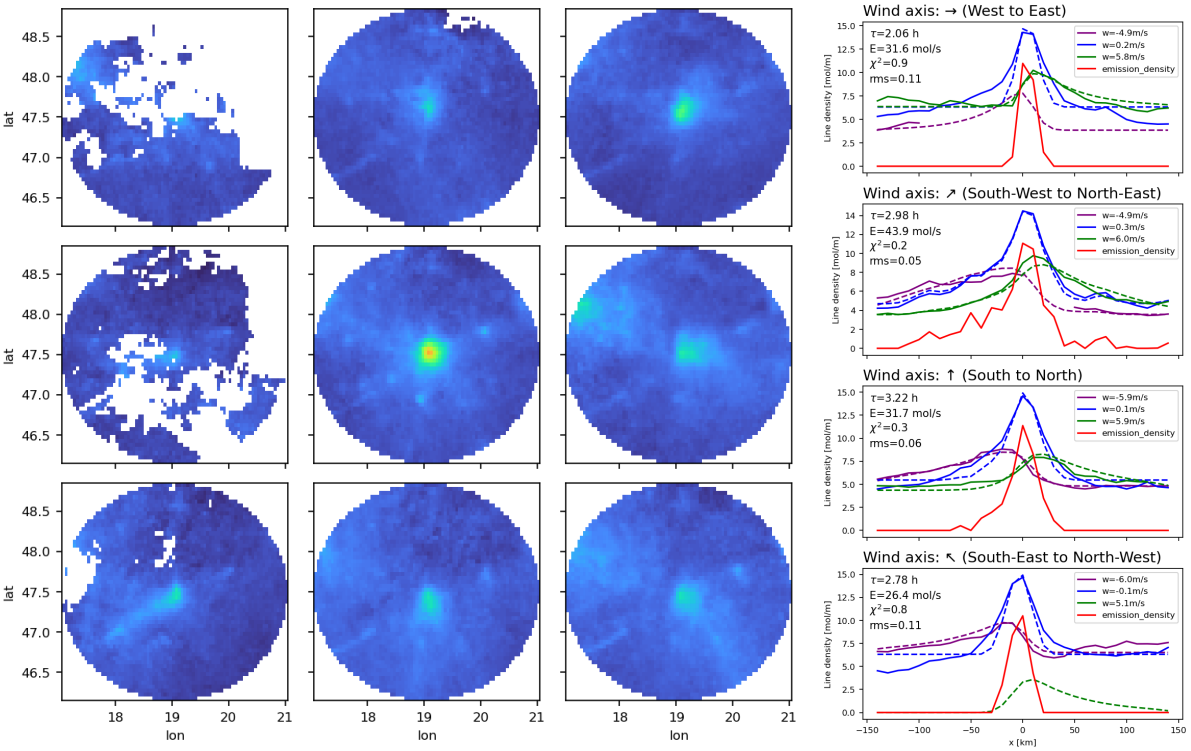


65 Budapest

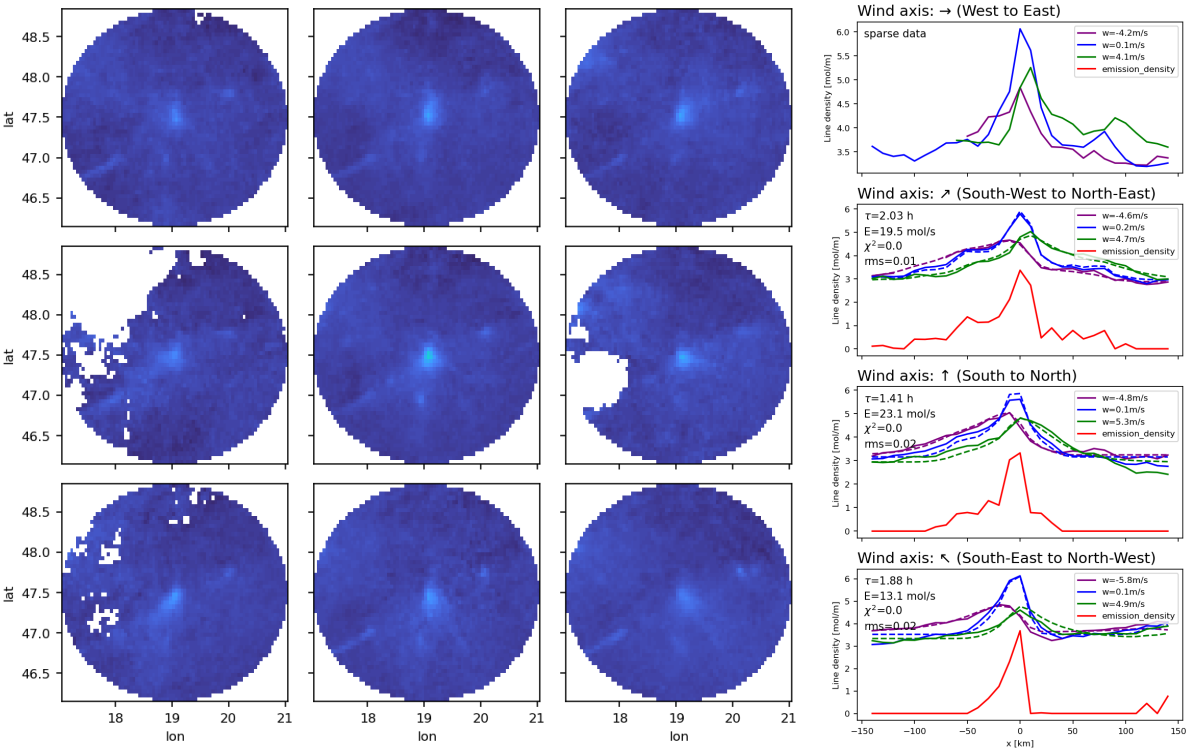
65.1 Winter



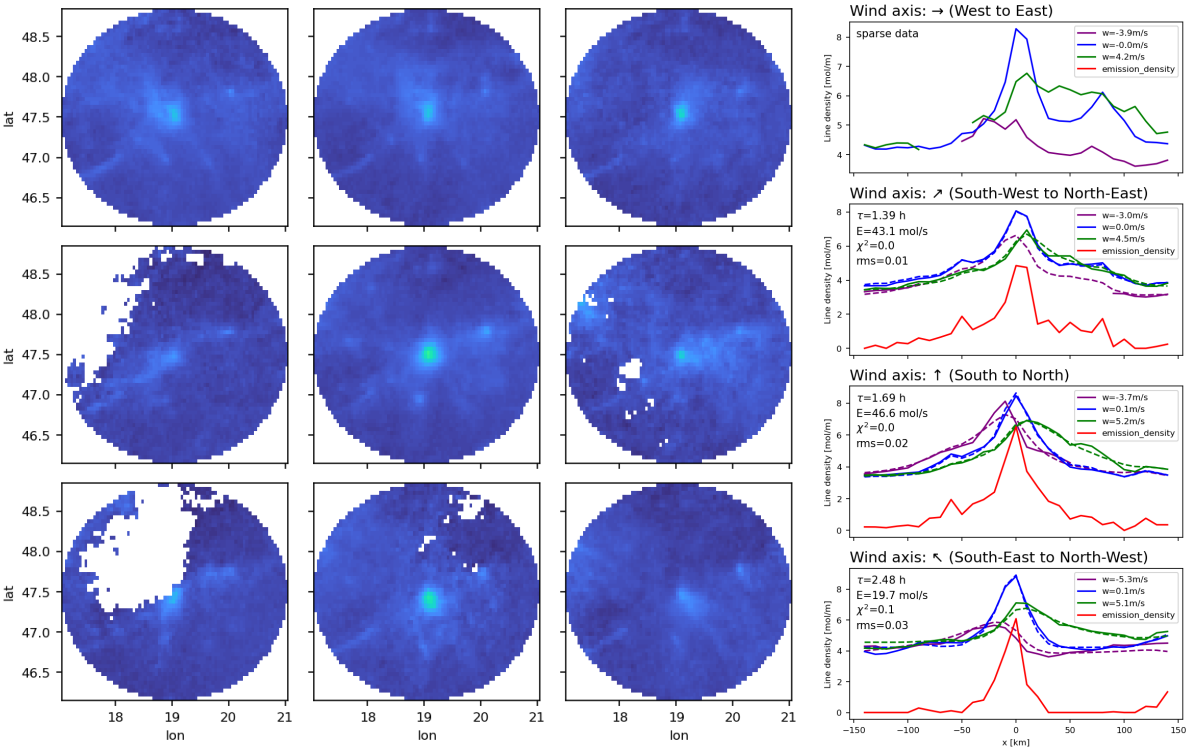
65.2 Spring



65.3 Summer

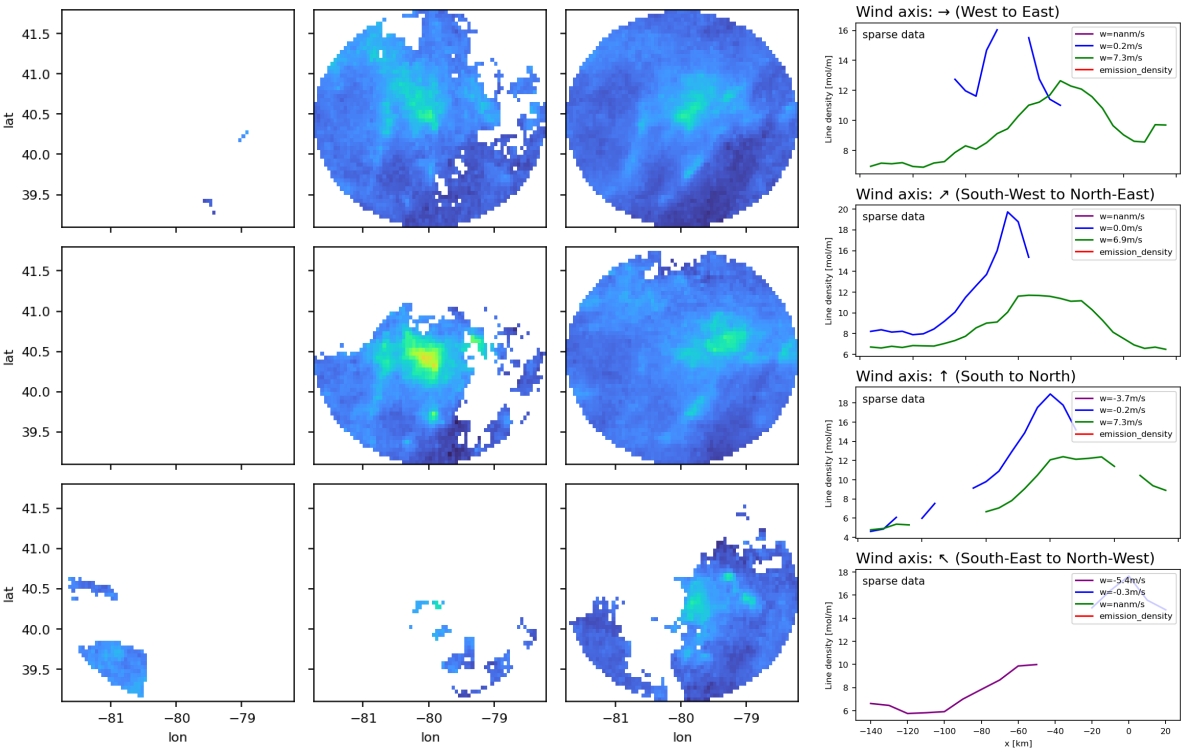


65.4 Autumn

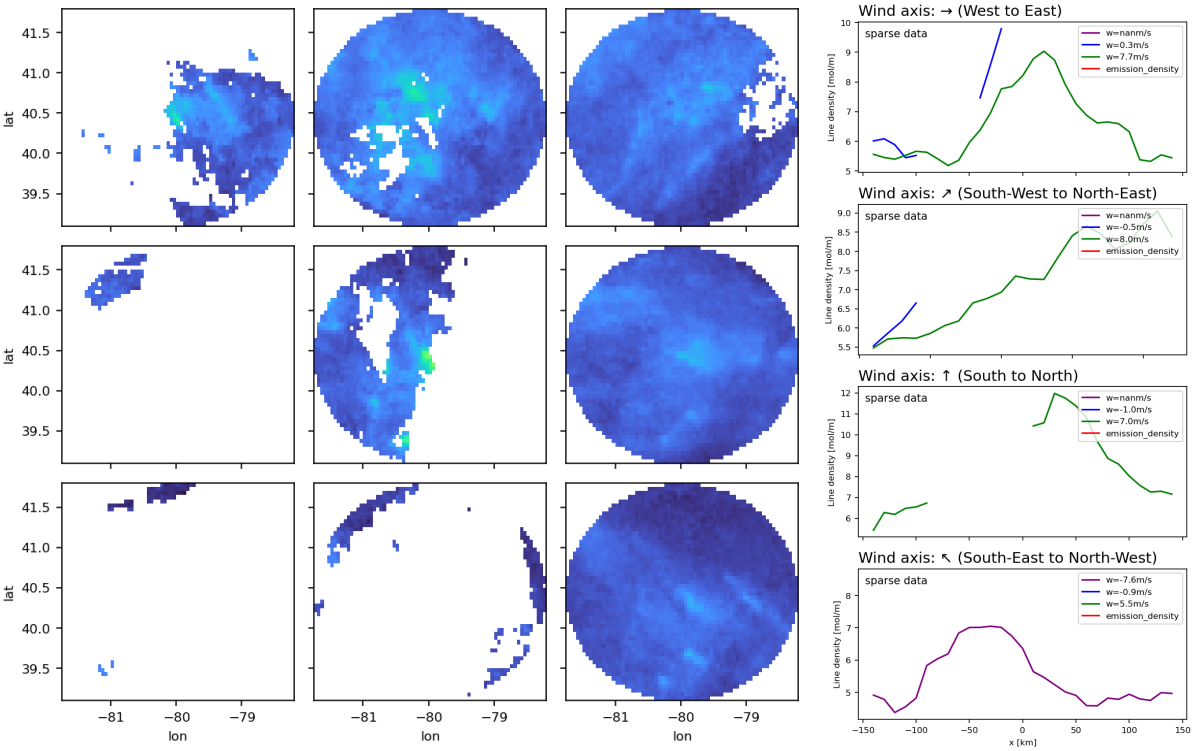


66 Pittsburgh

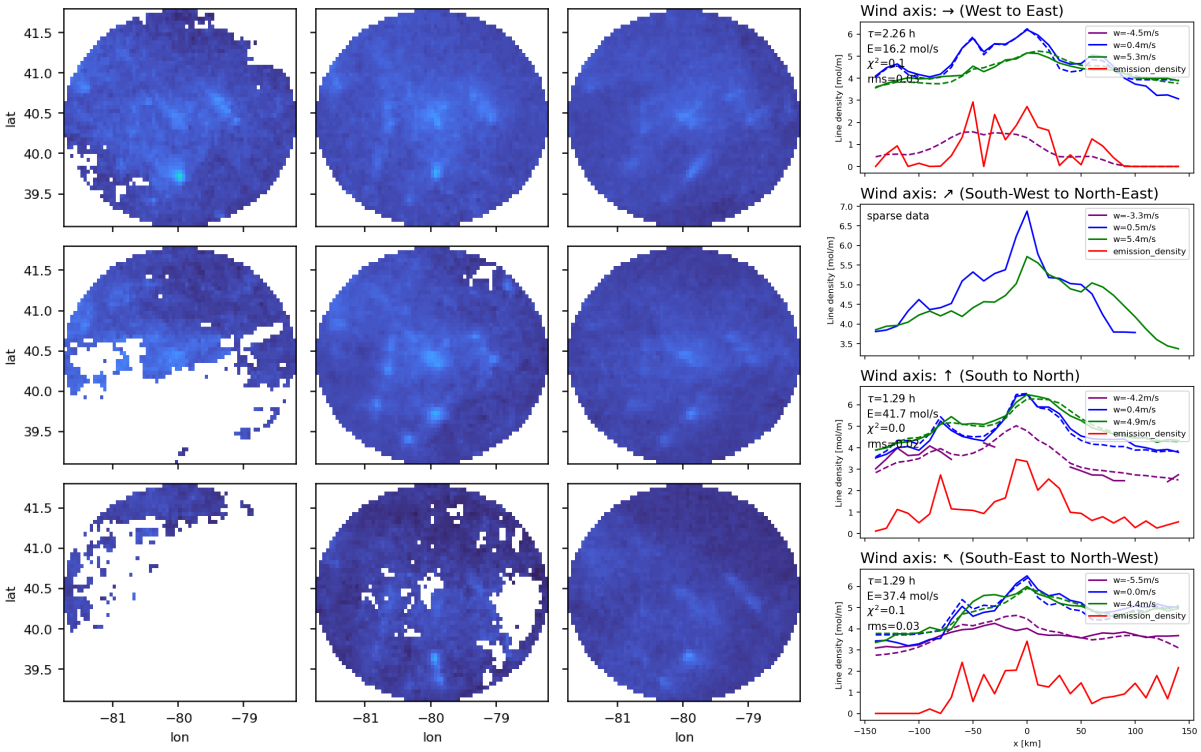
66.1 Winter



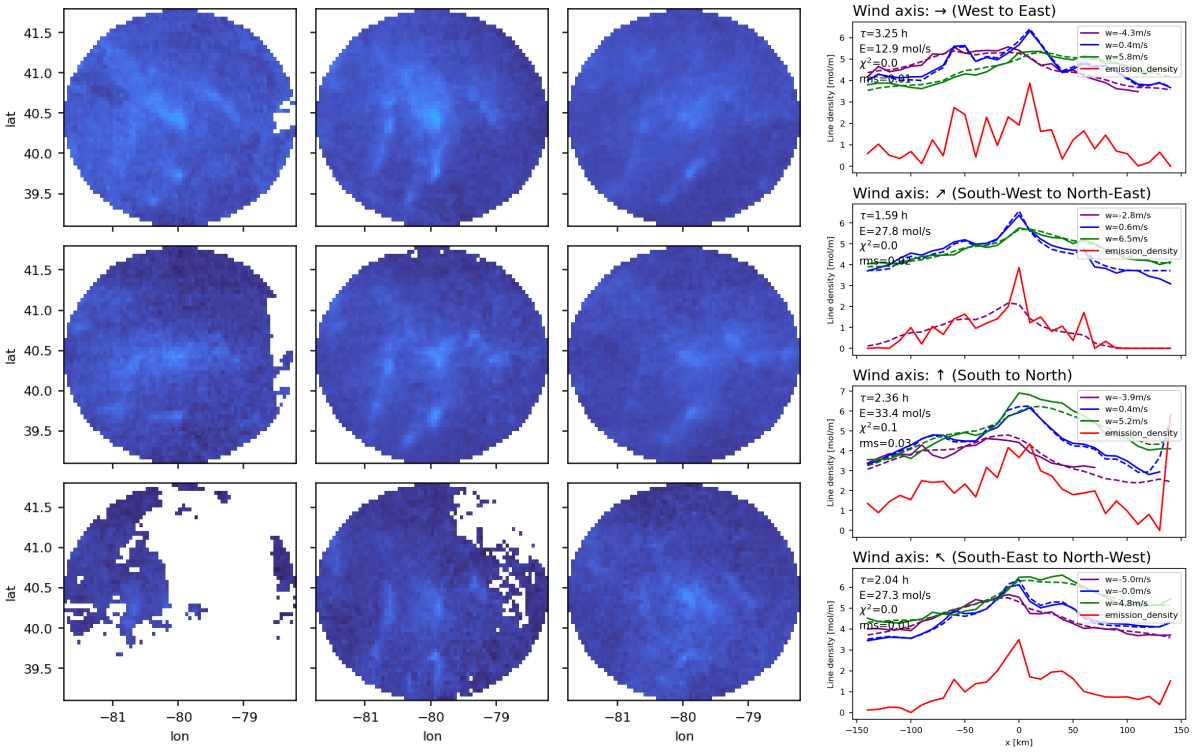
66.2 Spring



66.3 Summer

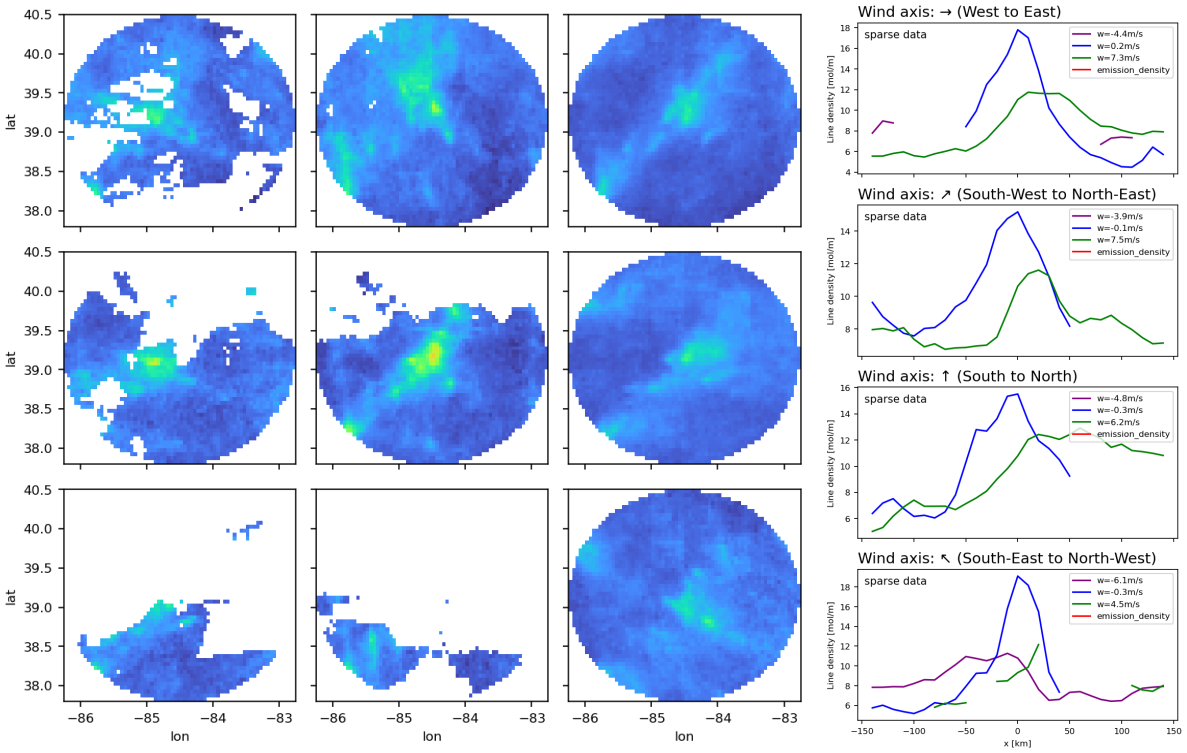


66.4 Autumn

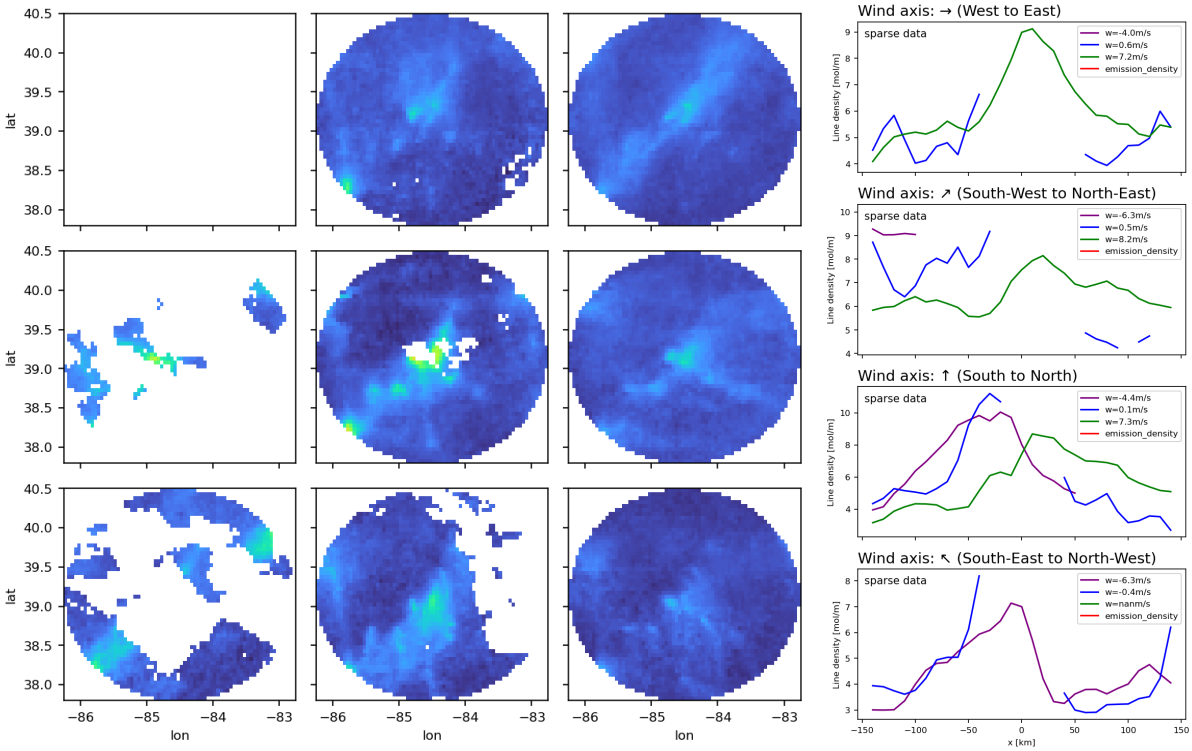


67 Cincinnati

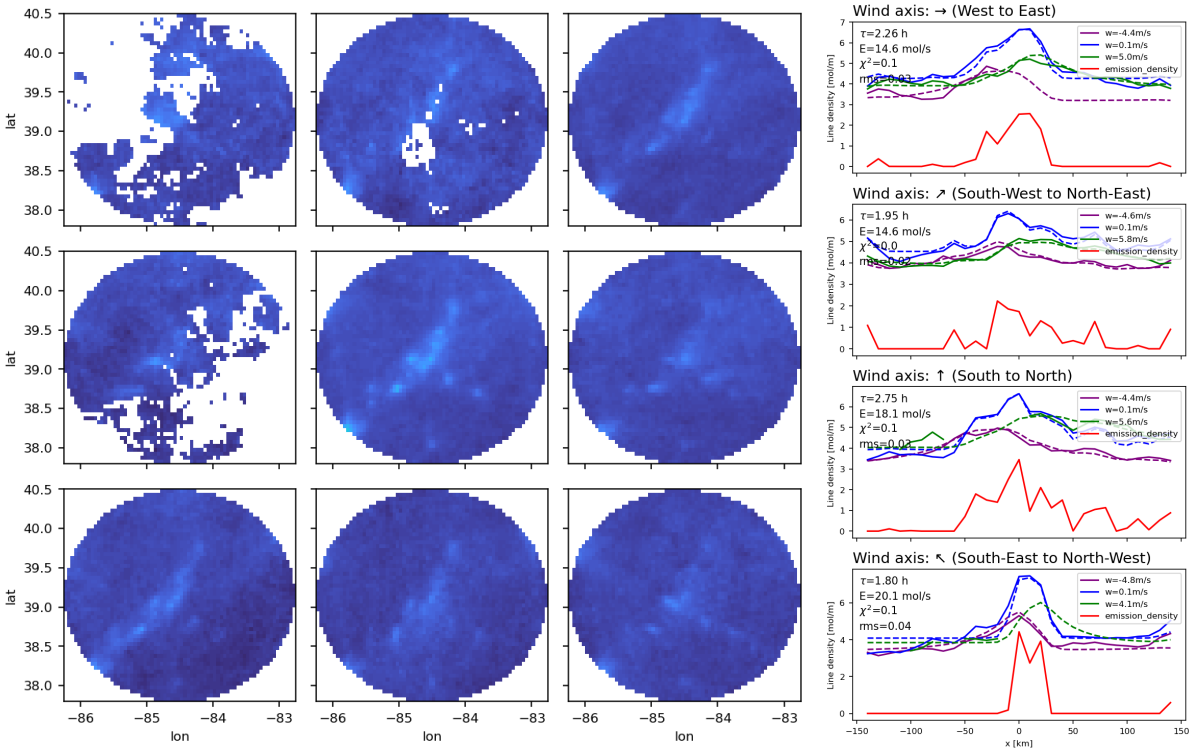
67.1 Winter



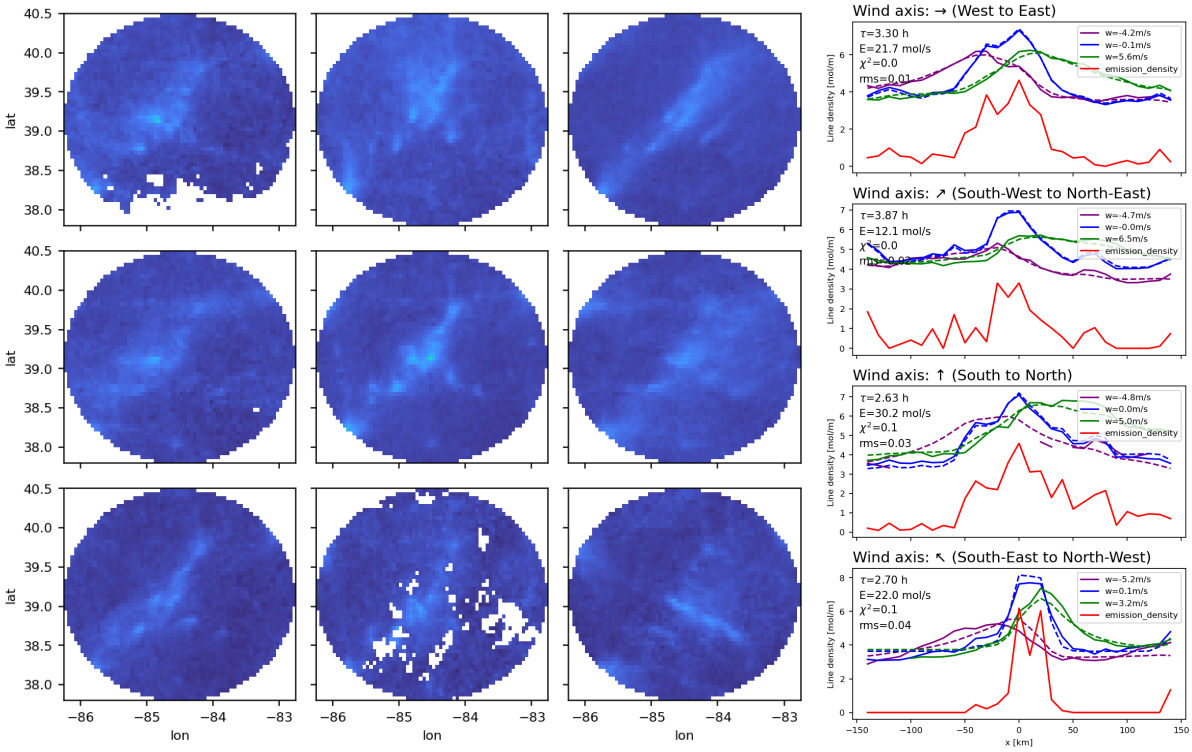
67.2 Spring



67.3 Summer

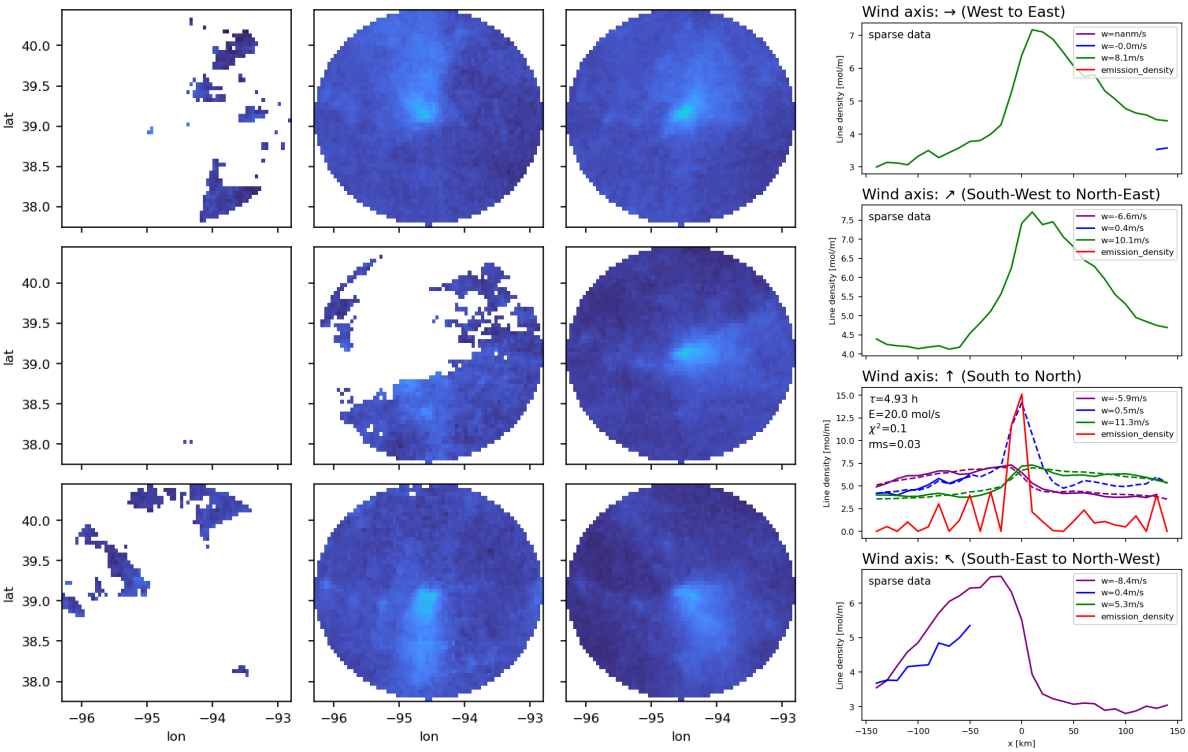


67.4 Autumn

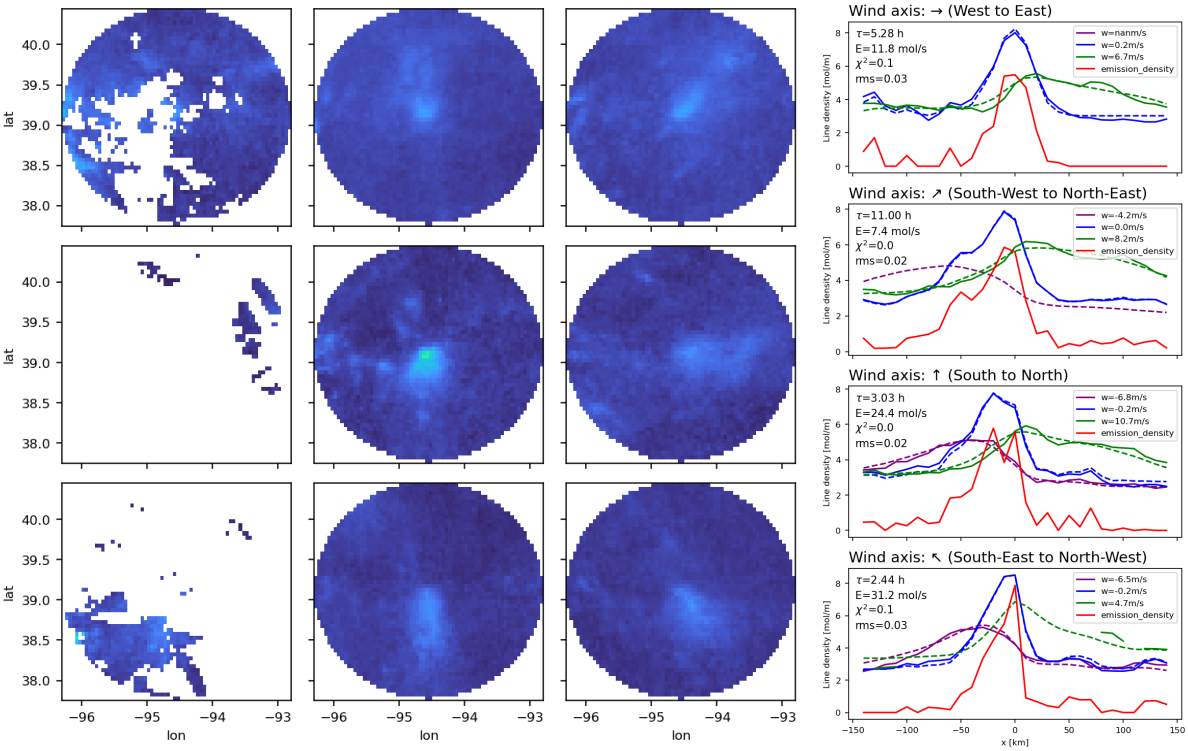


68 Kansas City

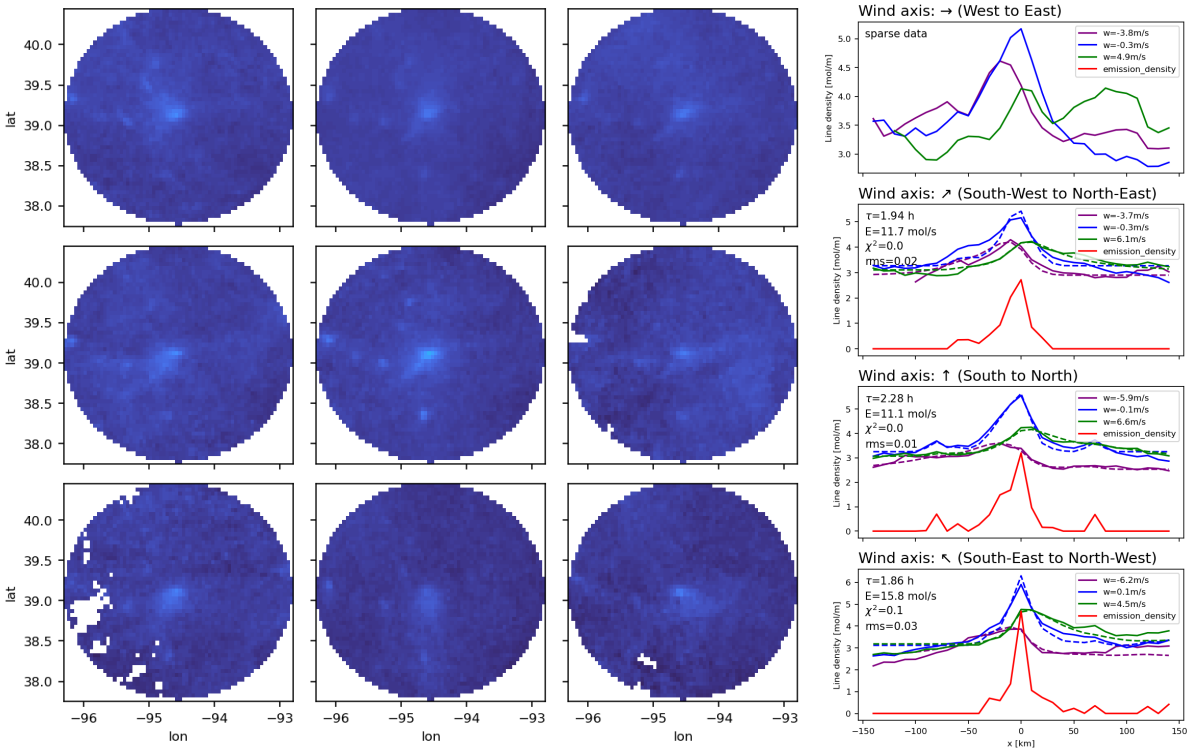
68.1 Winter



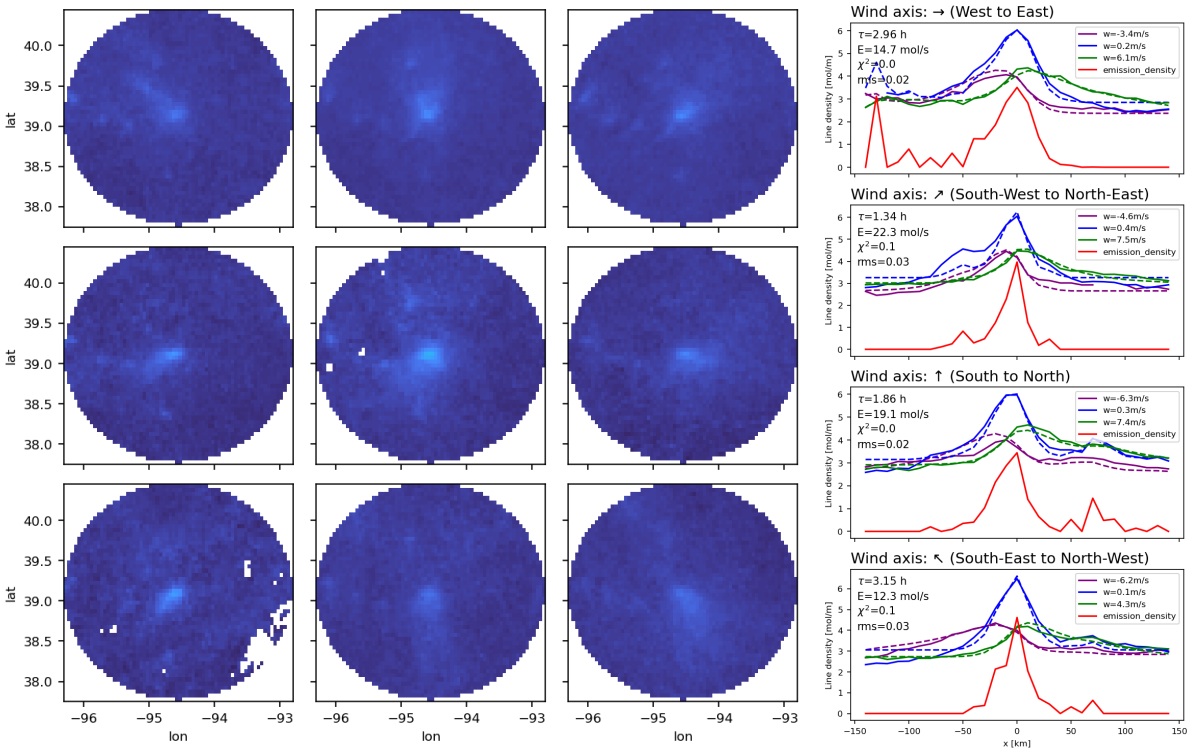
68.2 Spring



68.3 Summer

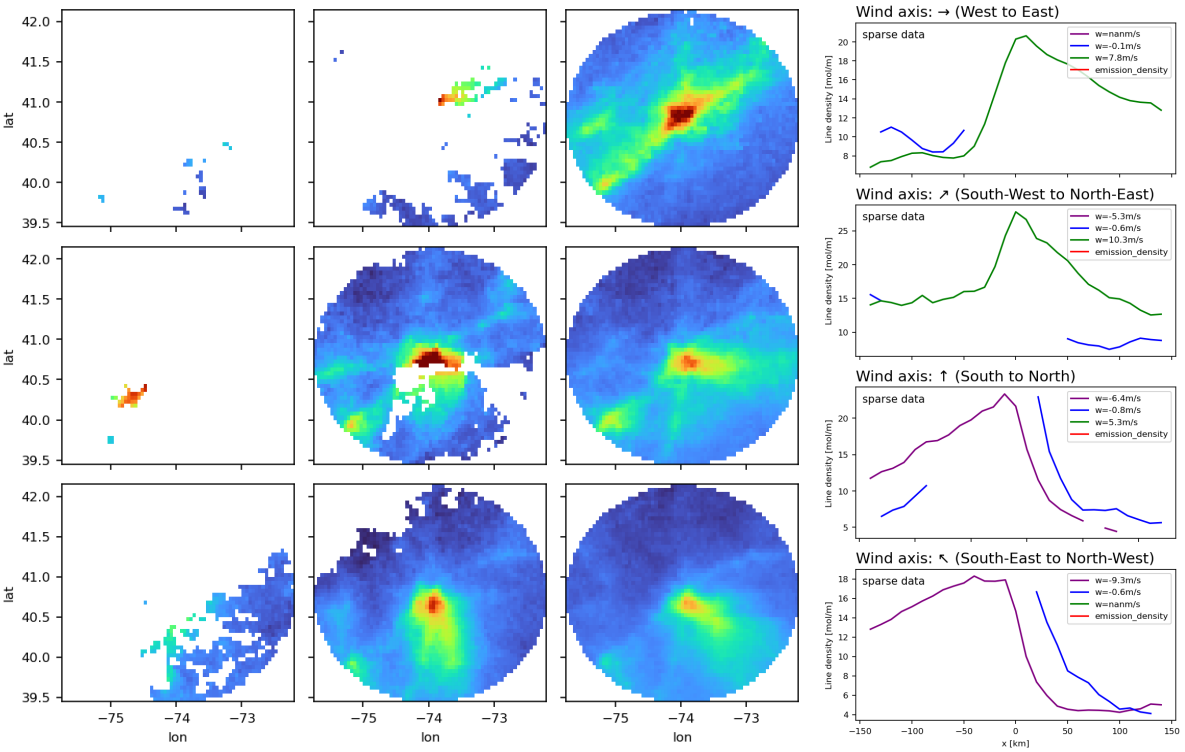


68.4 Autumn

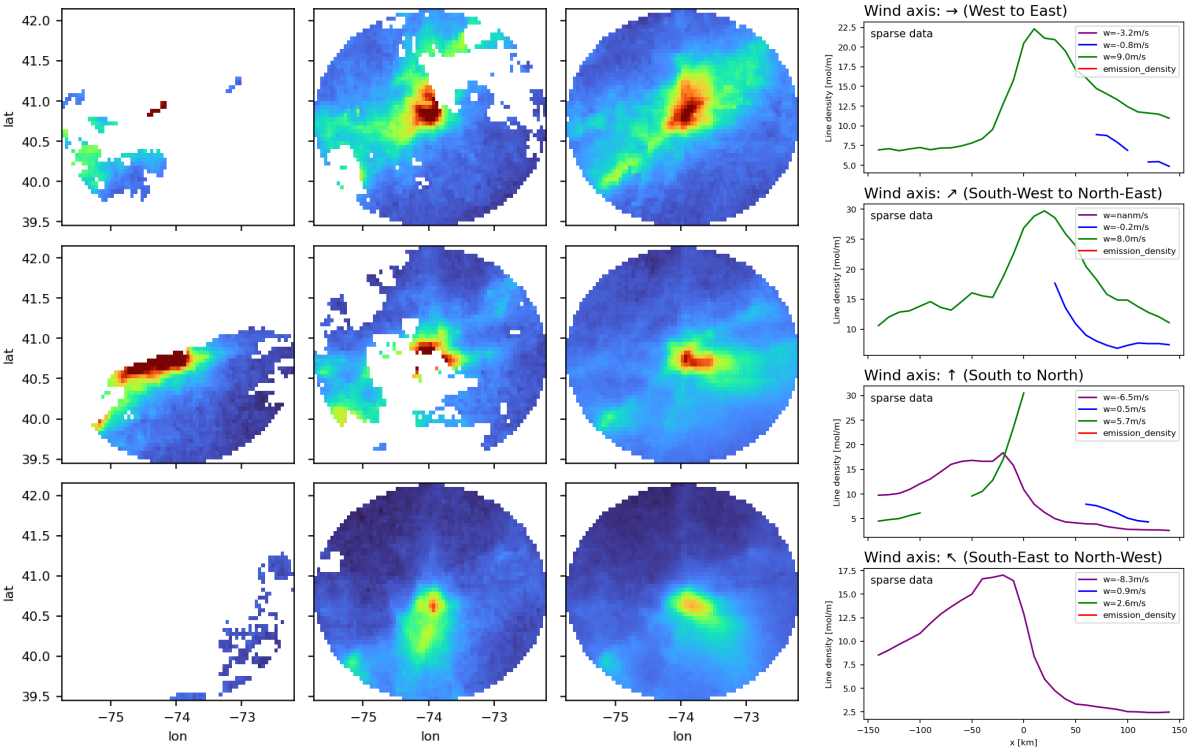


69 Manhattan

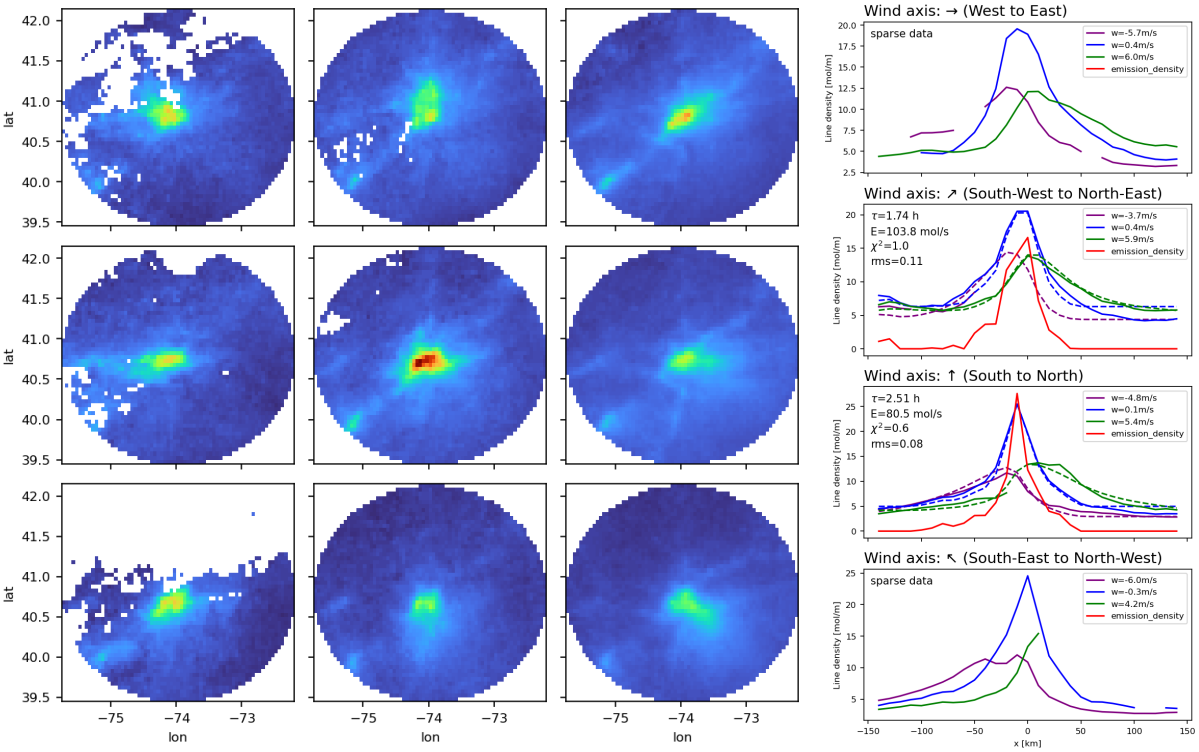
69.1 Winter



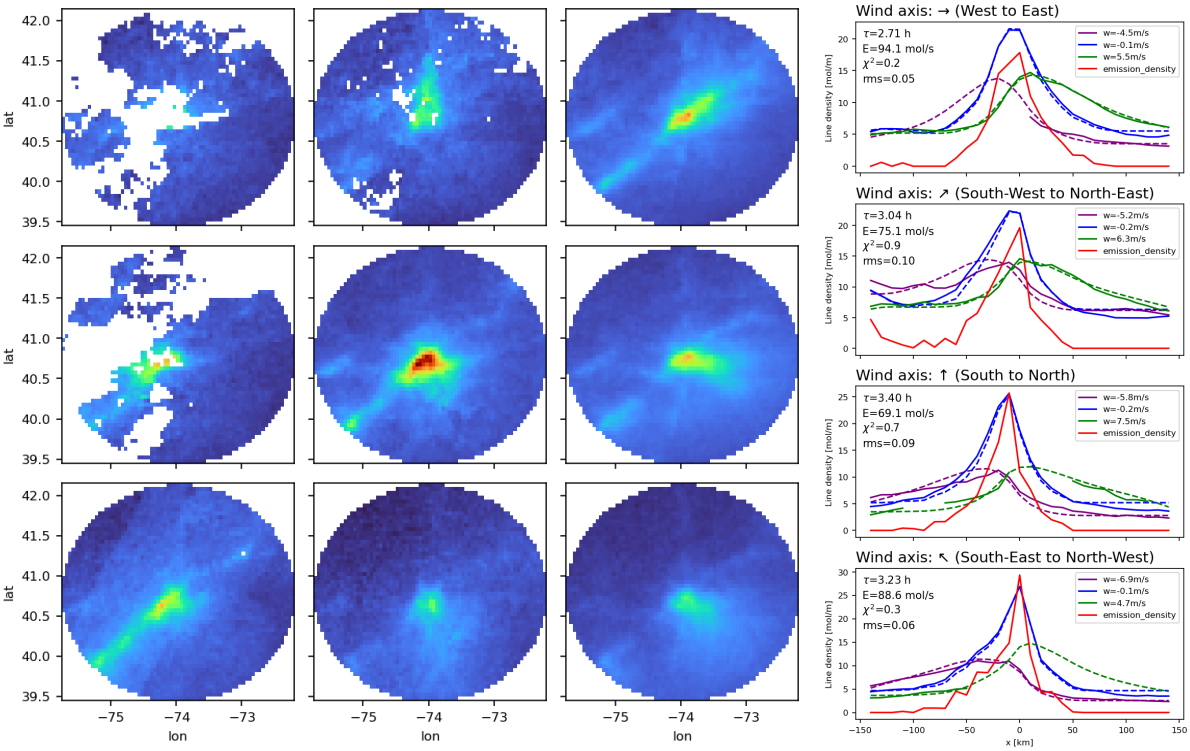
69.2 Spring



69.3 Summer

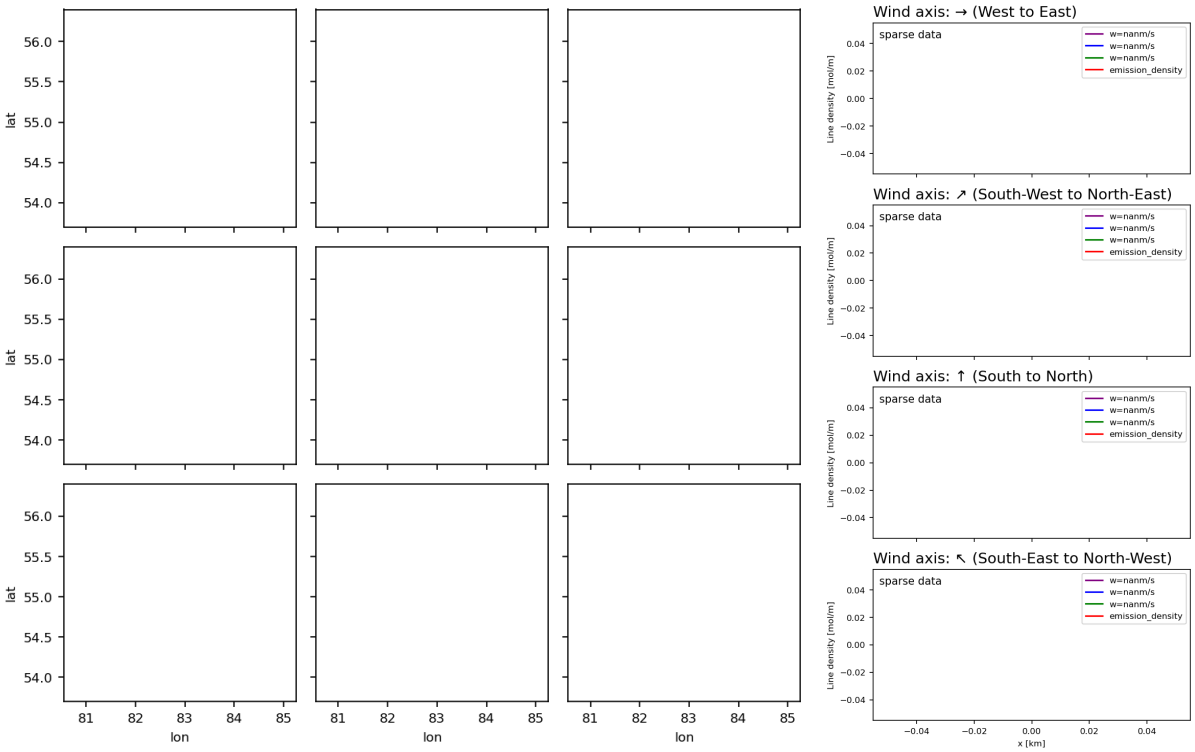


69.4 Autumn

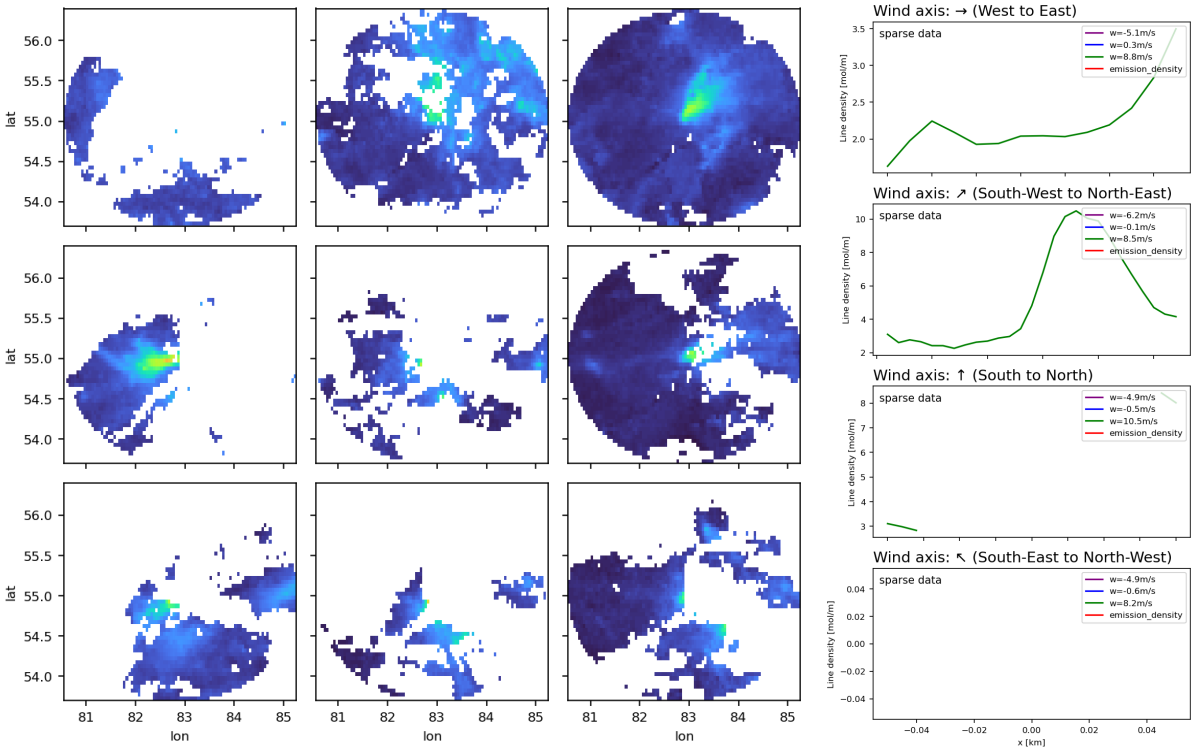


70 Novosibirsk

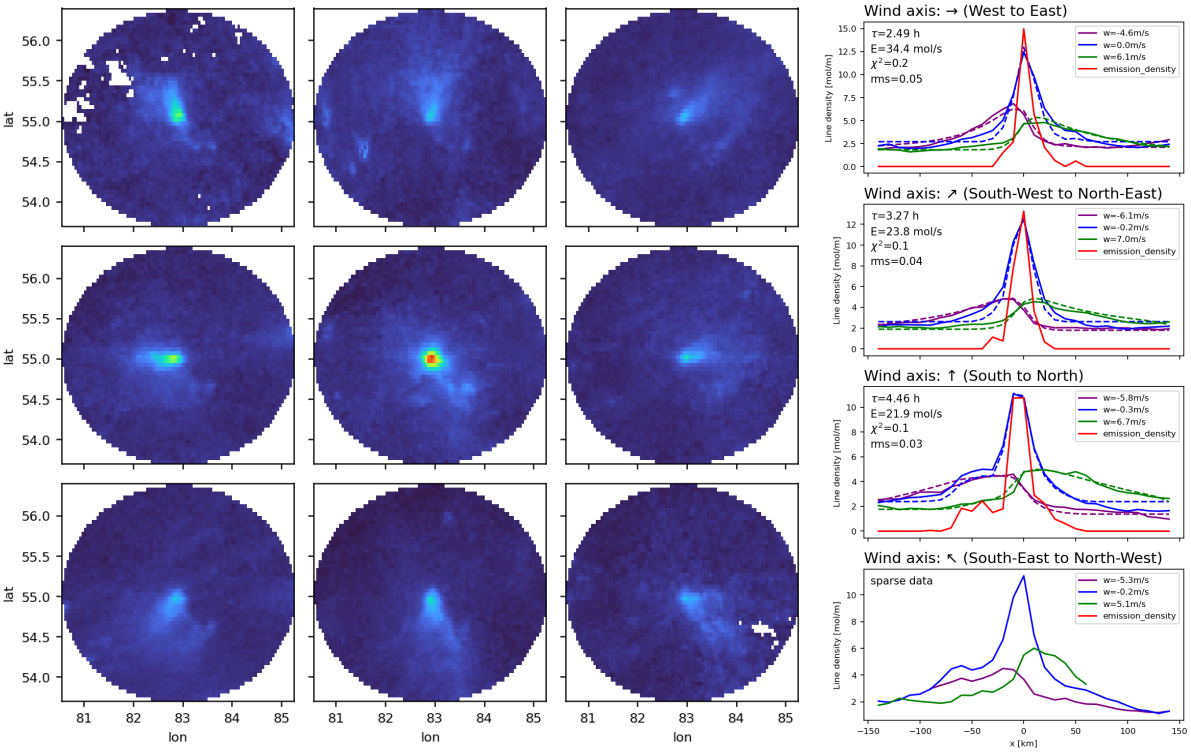
70.1 Winter



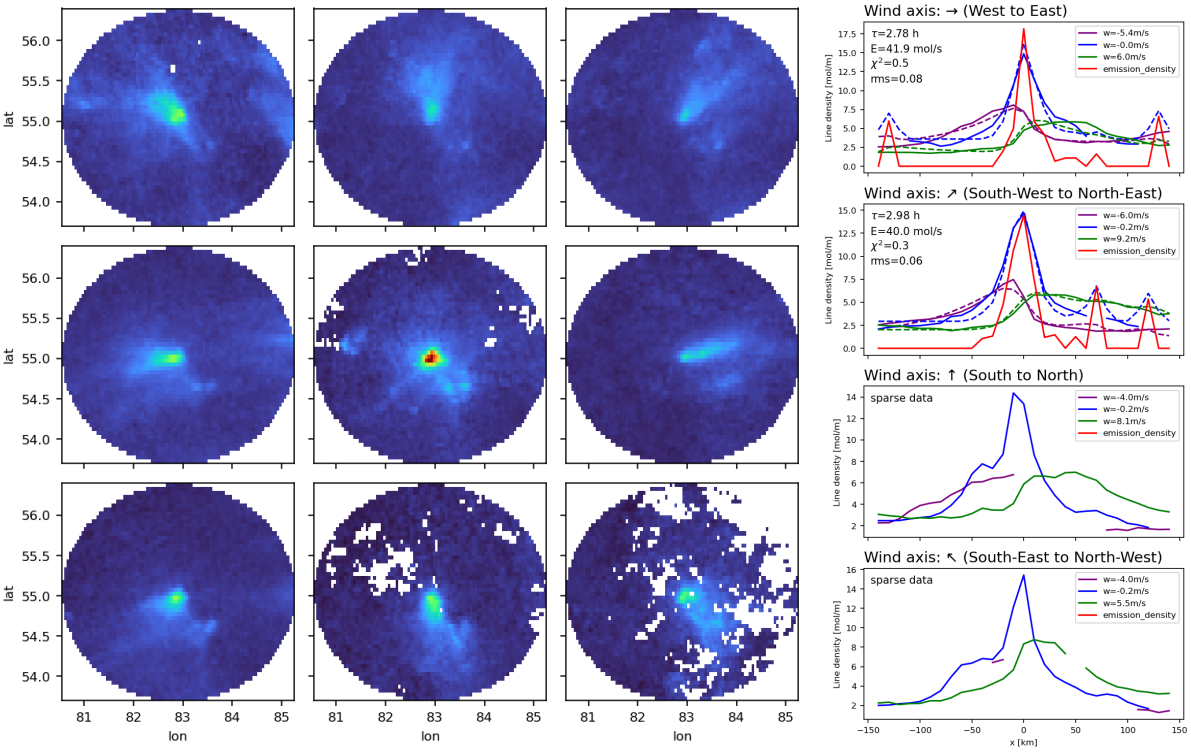
70.2 Spring



70.3 Summer

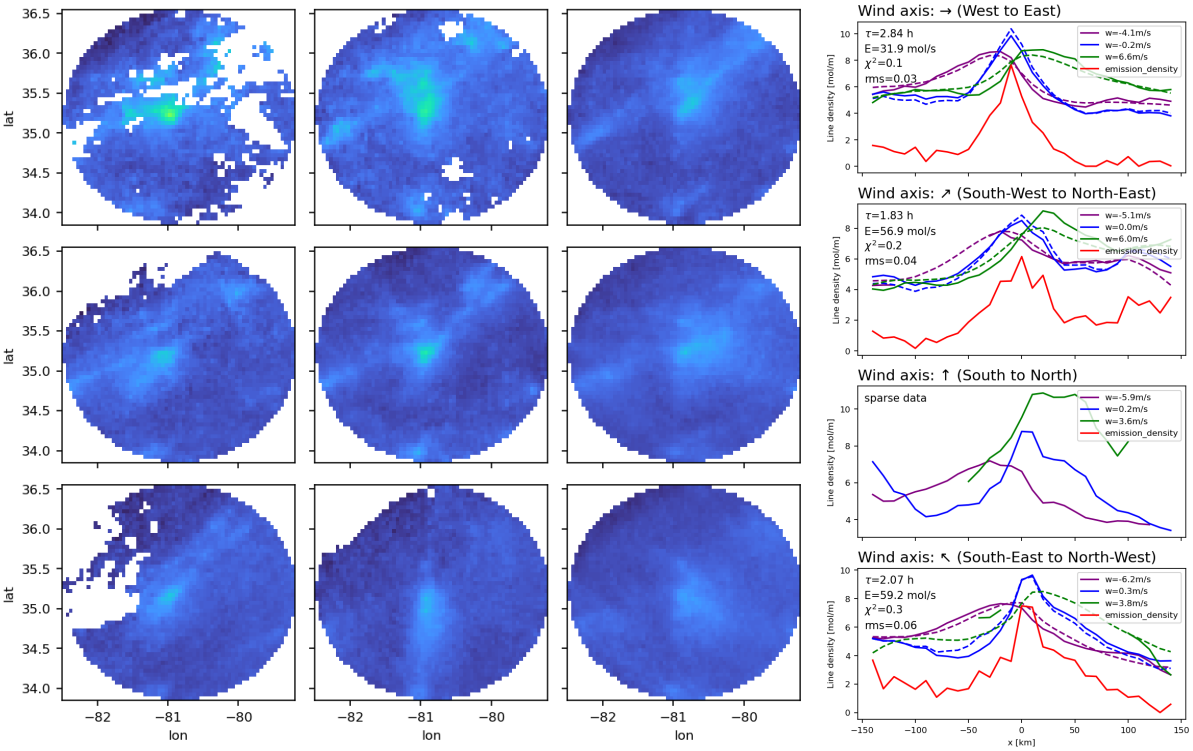


70.4 Autumn

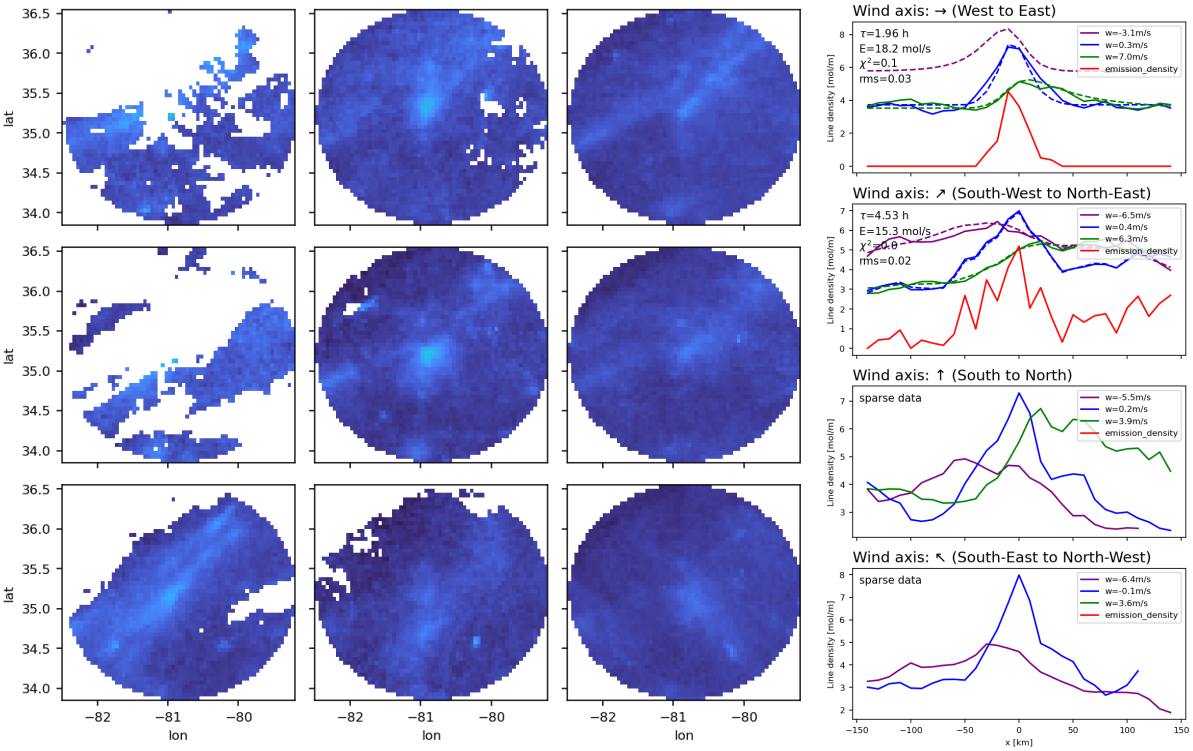


71 Charlotte

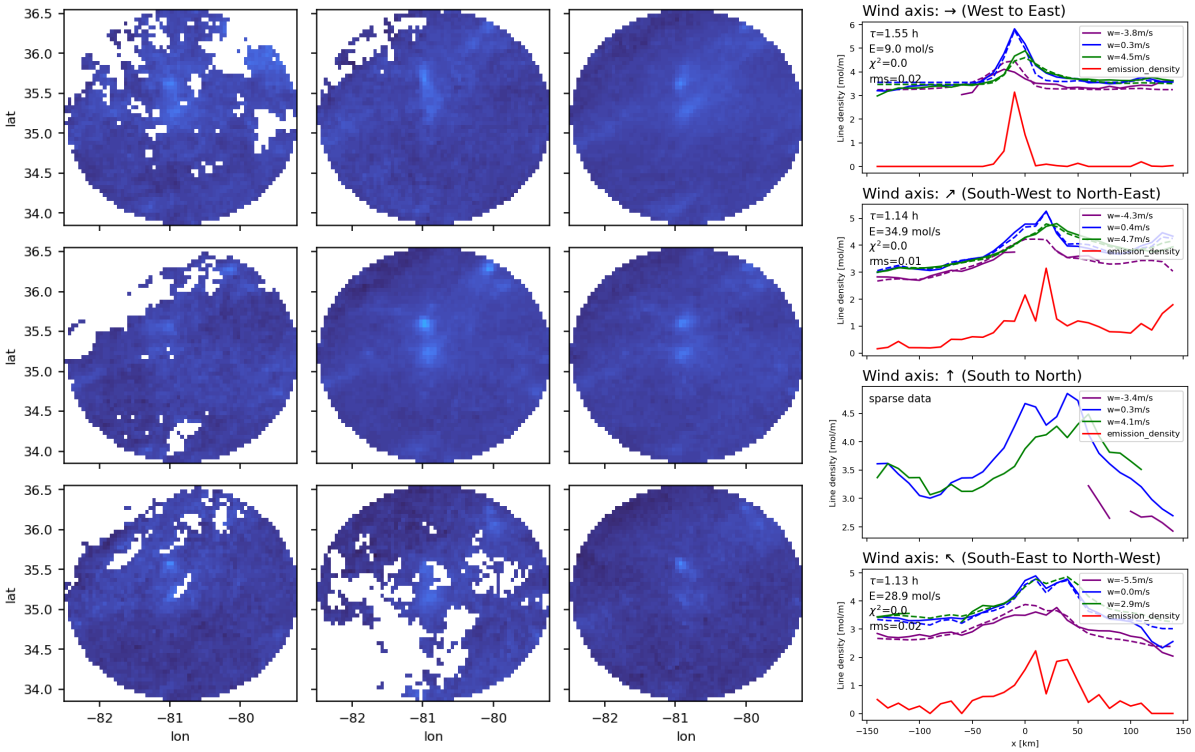
71.1 Winter



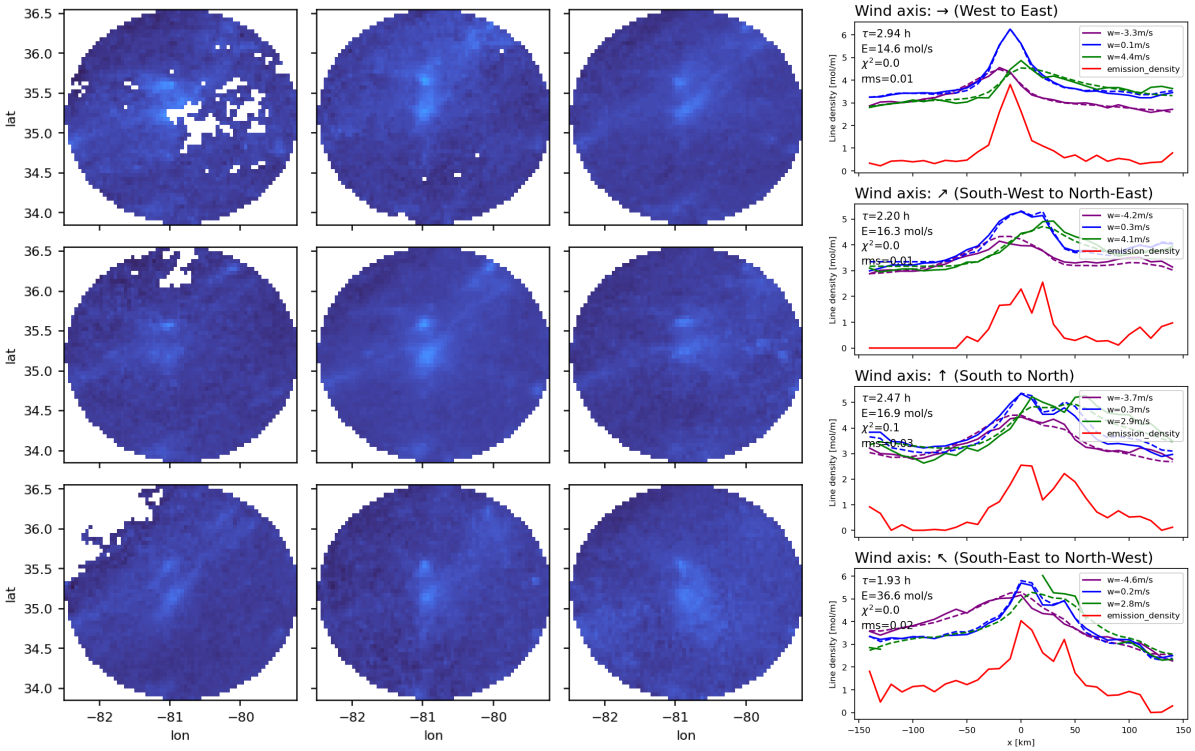
71.2 Spring



71.3 Summer

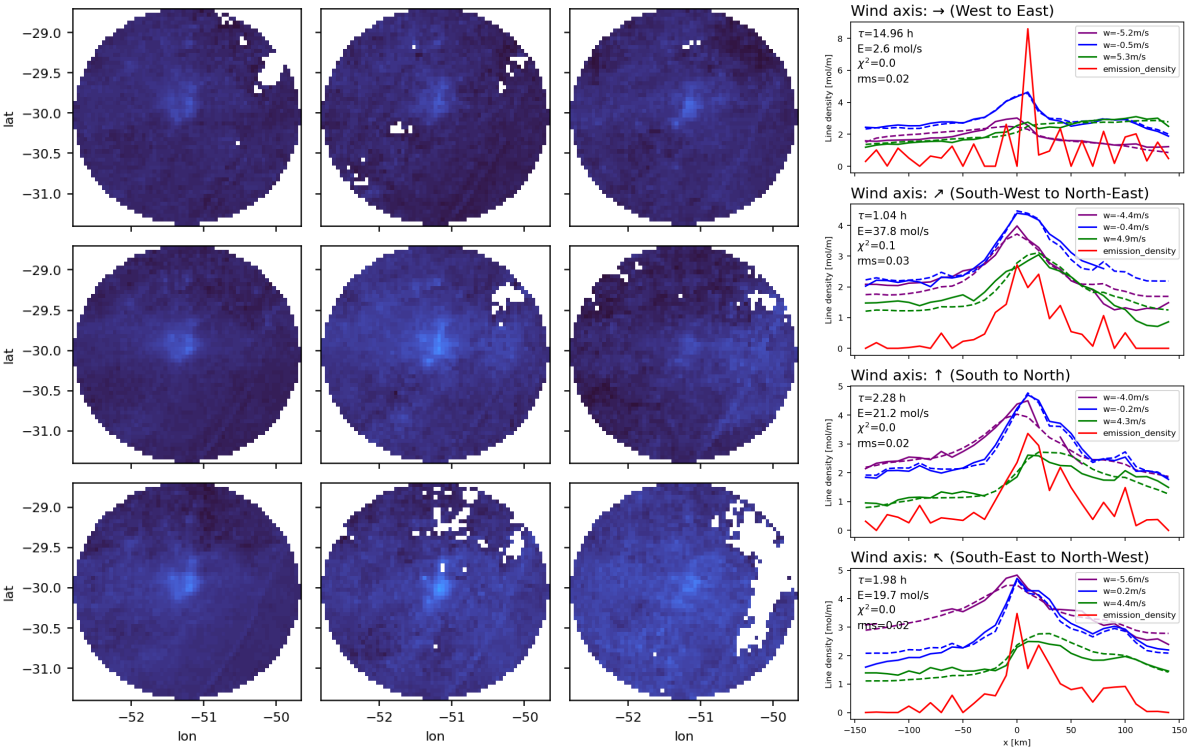


71.4 Autumn

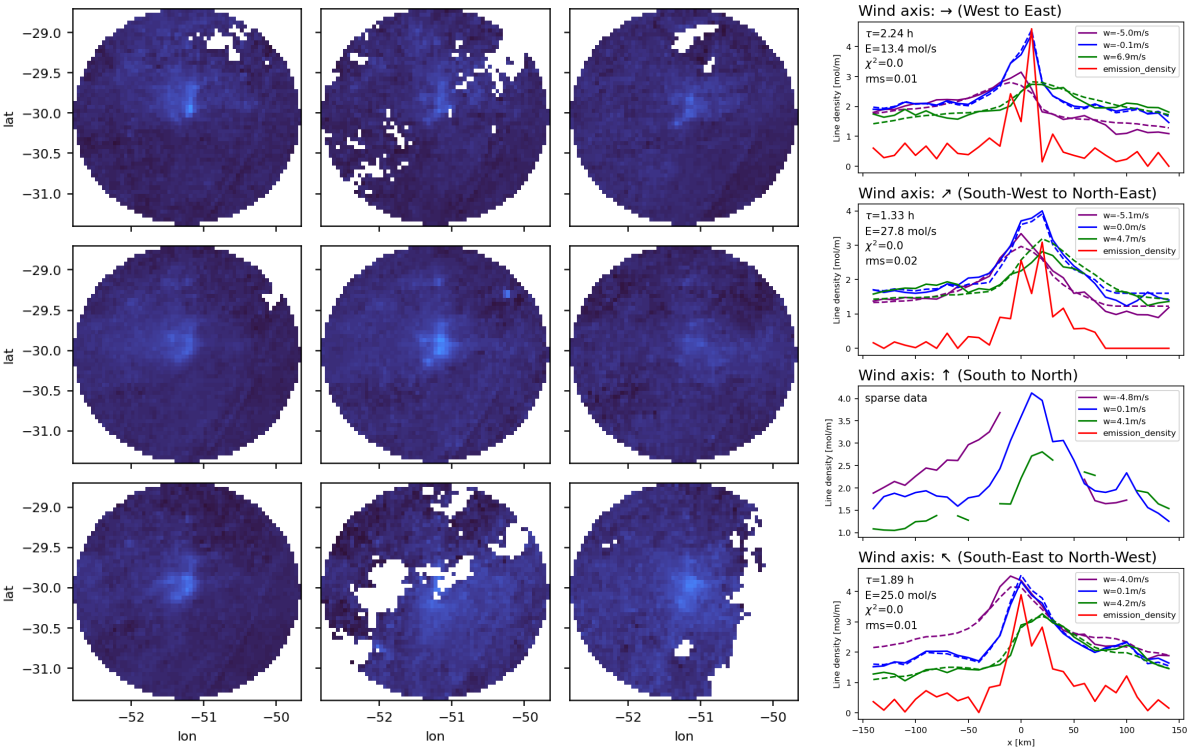


72 Porto Alegre

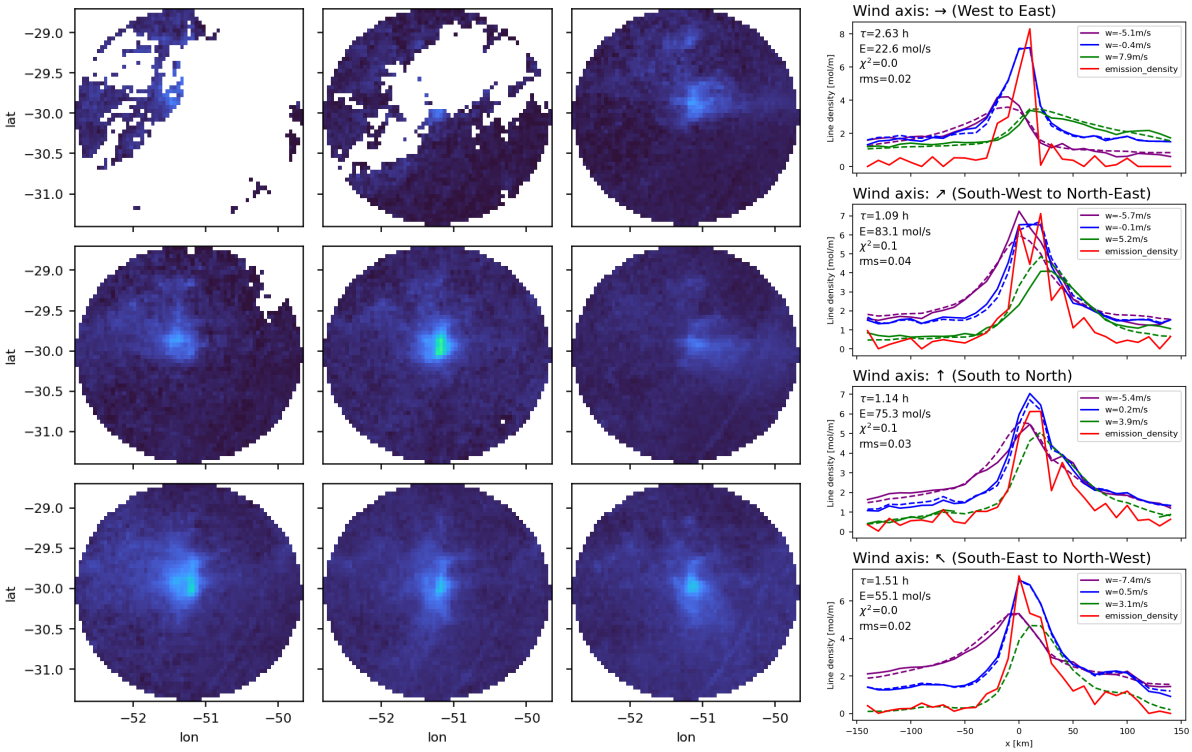
72.1 Winter



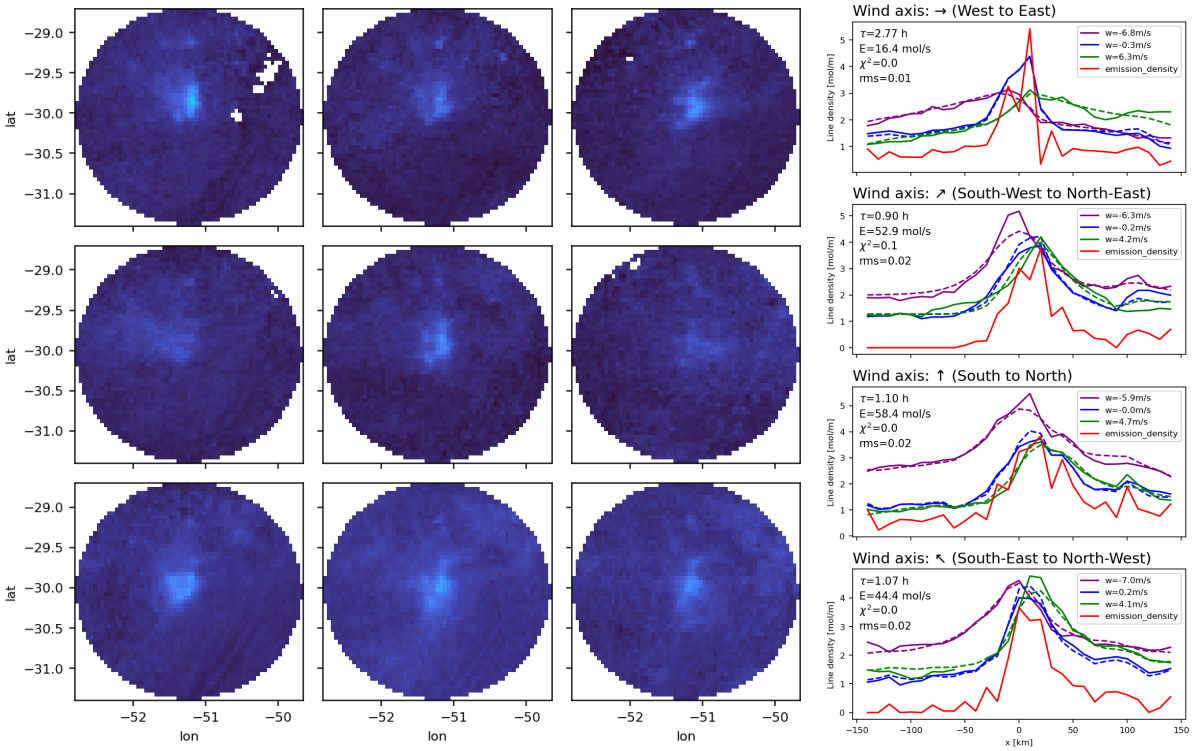
72.2 Spring



72.3 Summer

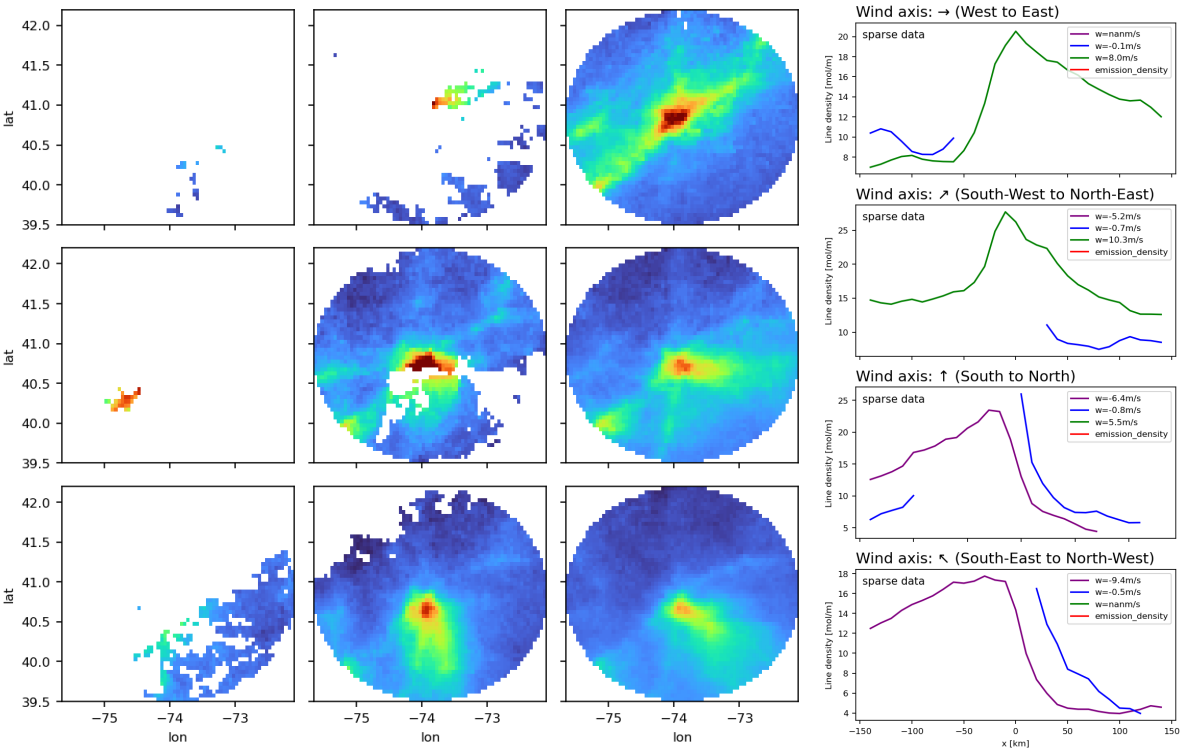


72.4 Autumn

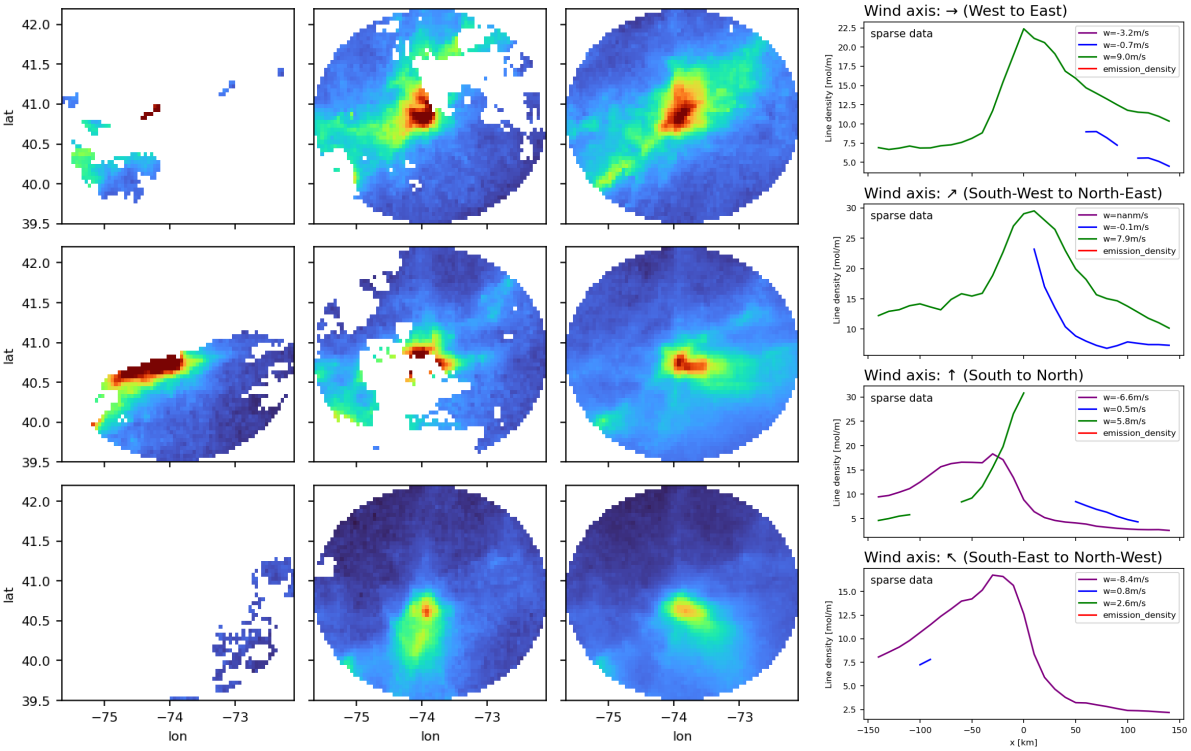


73 Bronx

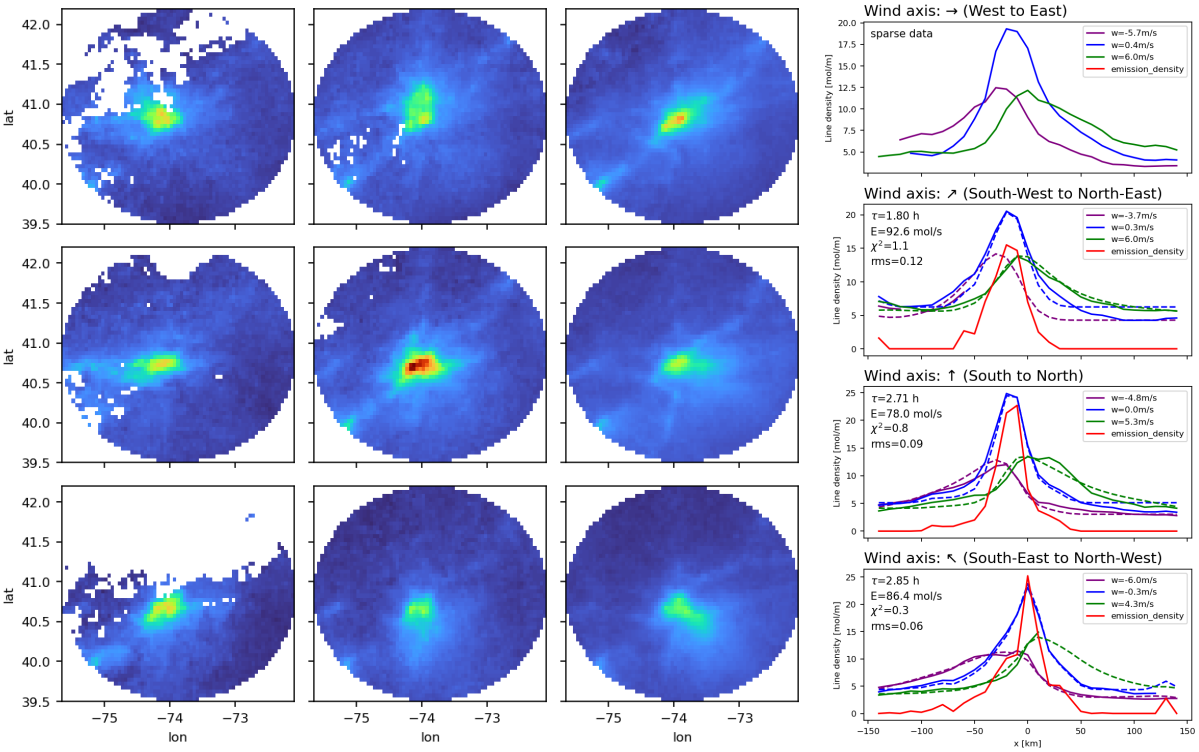
73.1 Winter



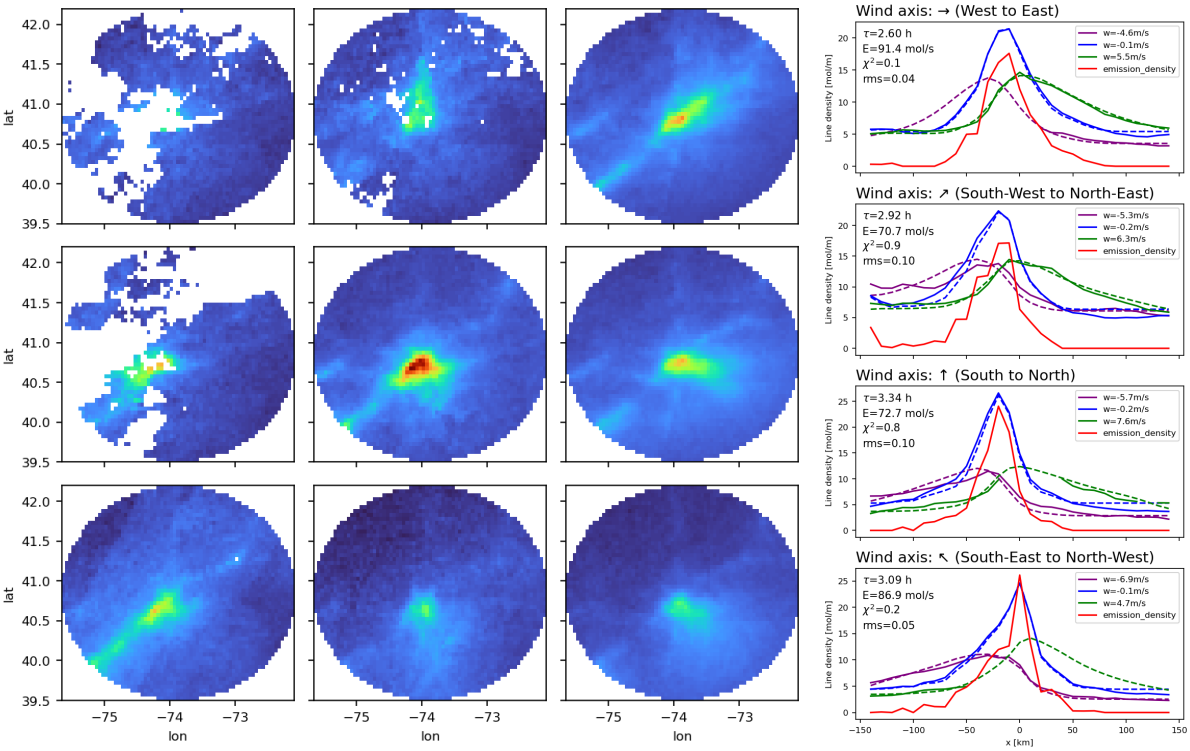
73.2 Spring



73.3 Summer

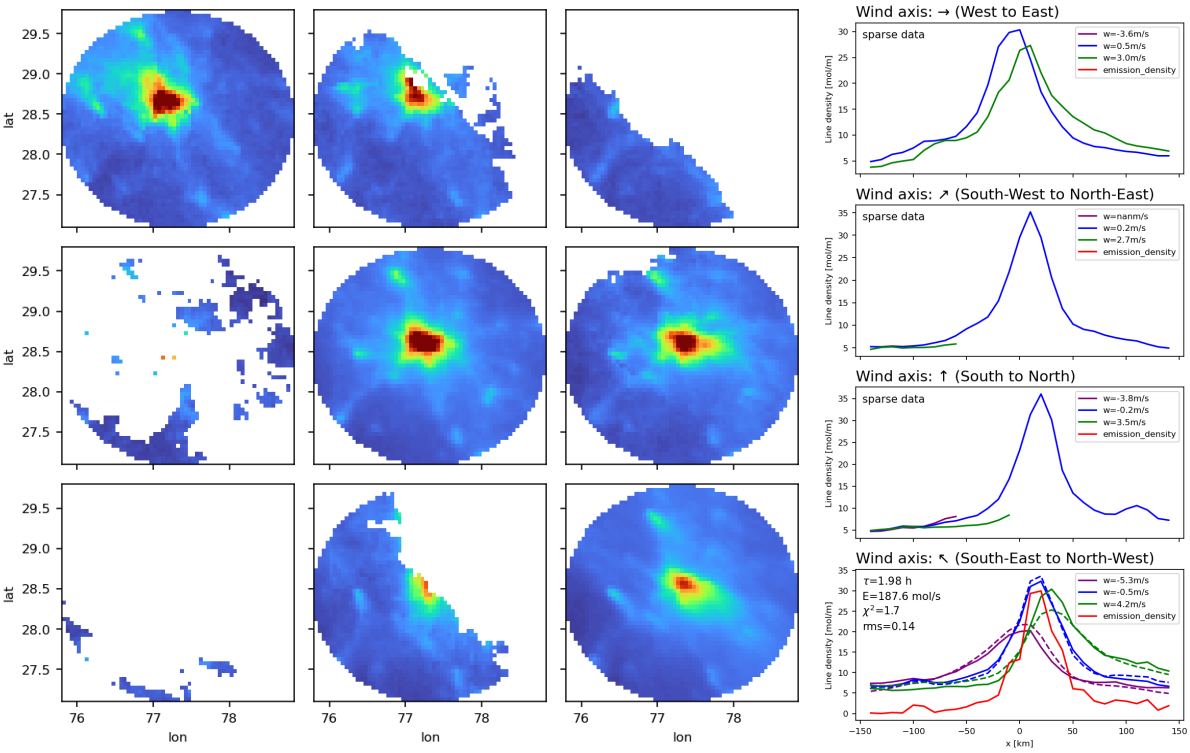


73.4 Autumn

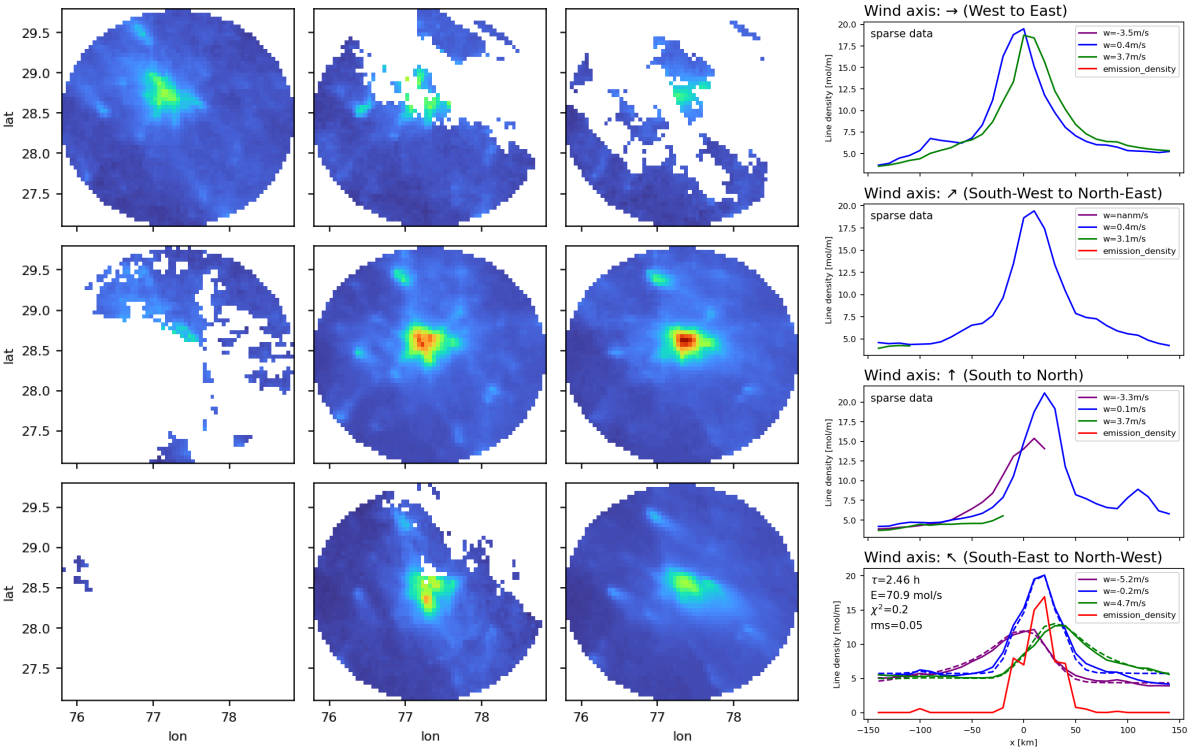


74 Farīdābād

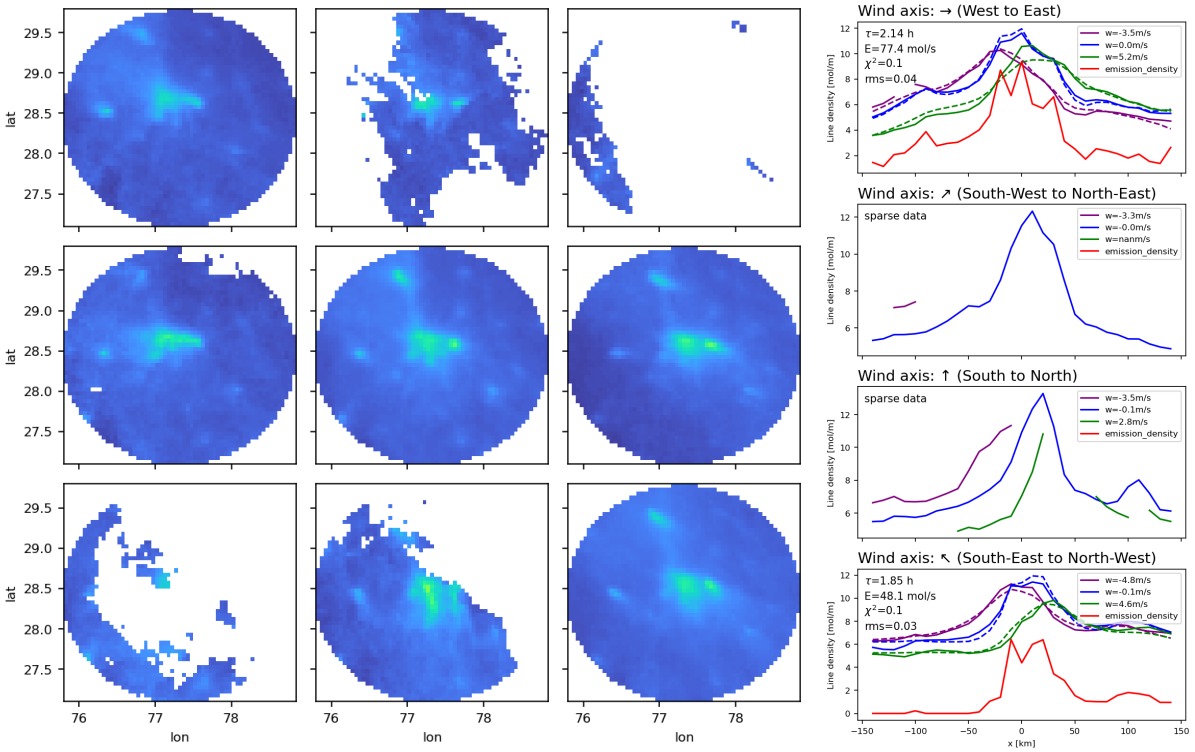
74.1 Winter



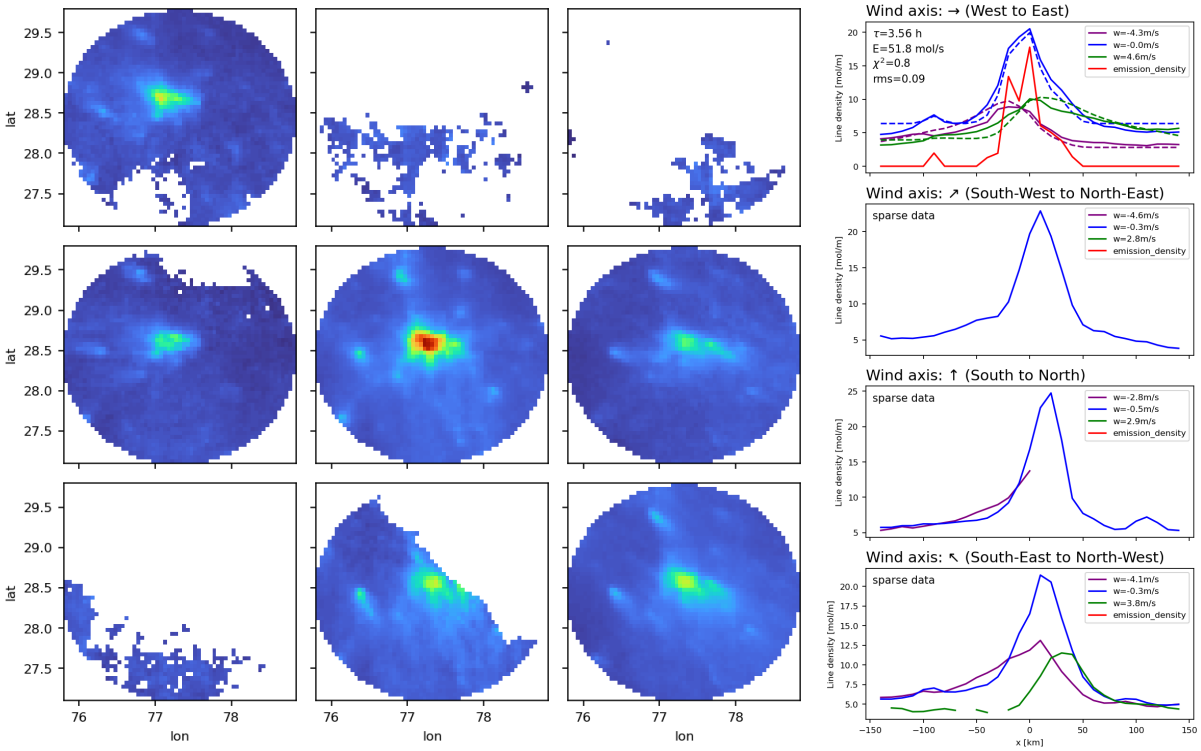
74.2 Spring



74.3 Summer

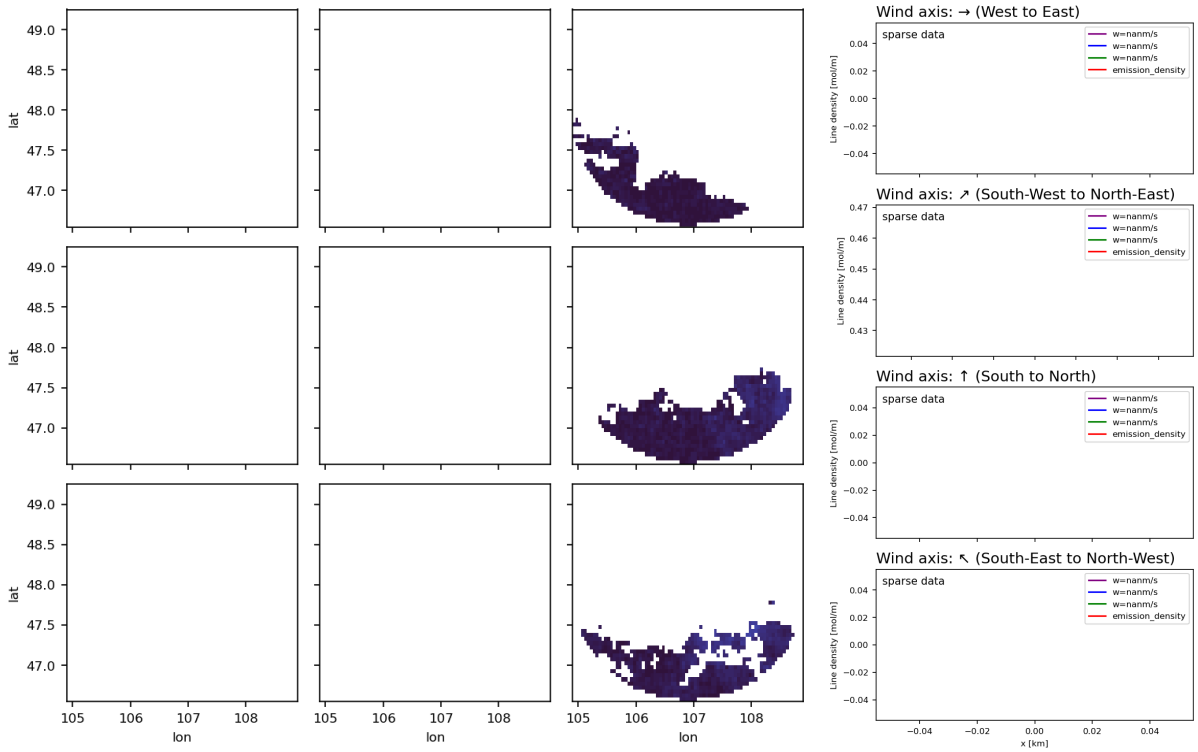


74.4 Autumn

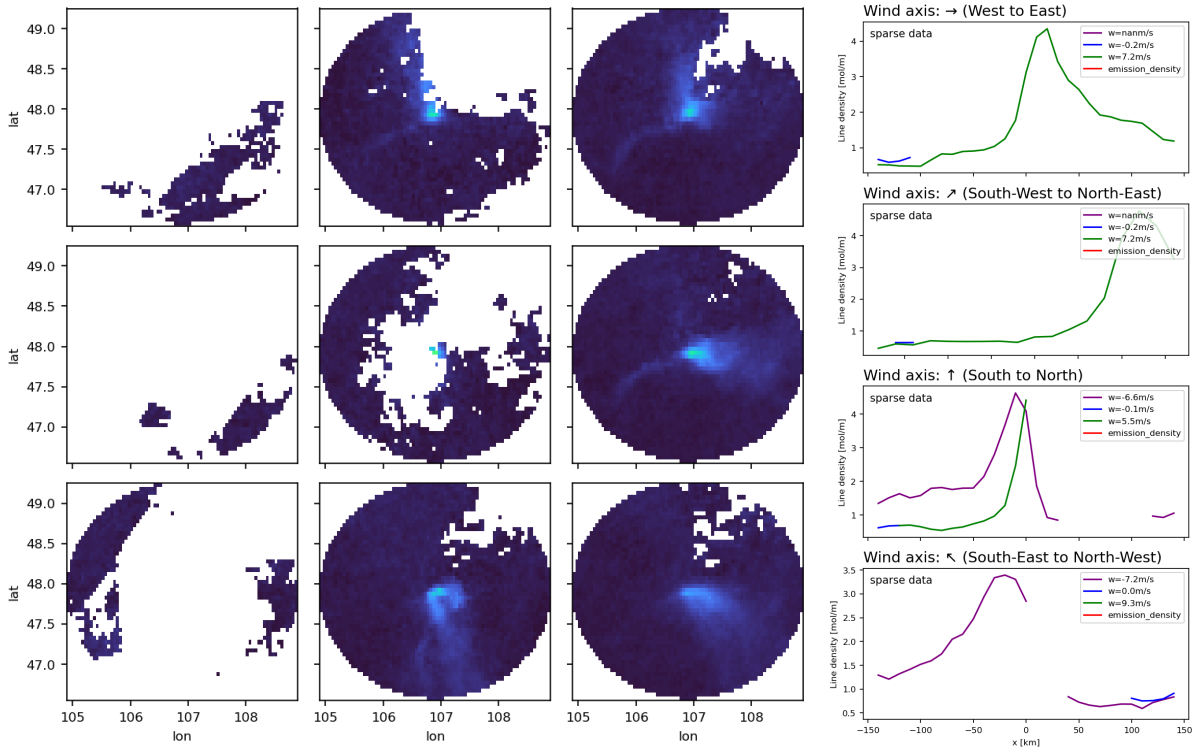


75 Ulaanbaatar

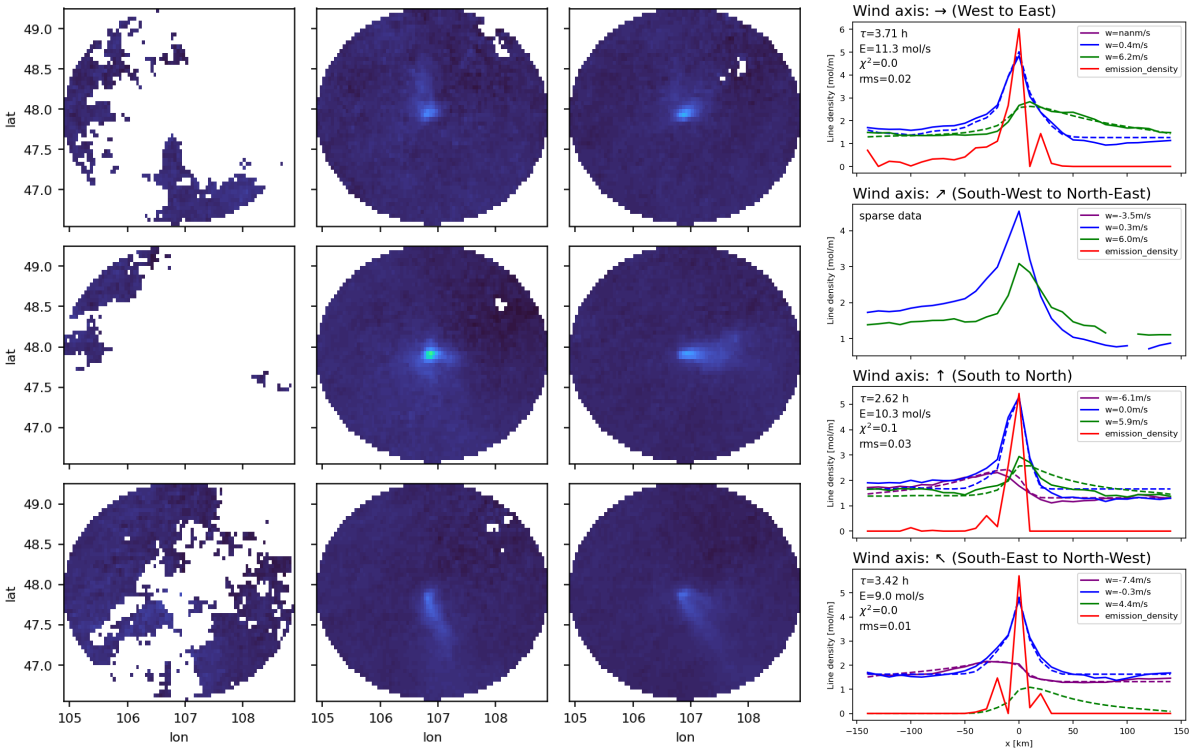
75.1 Winter



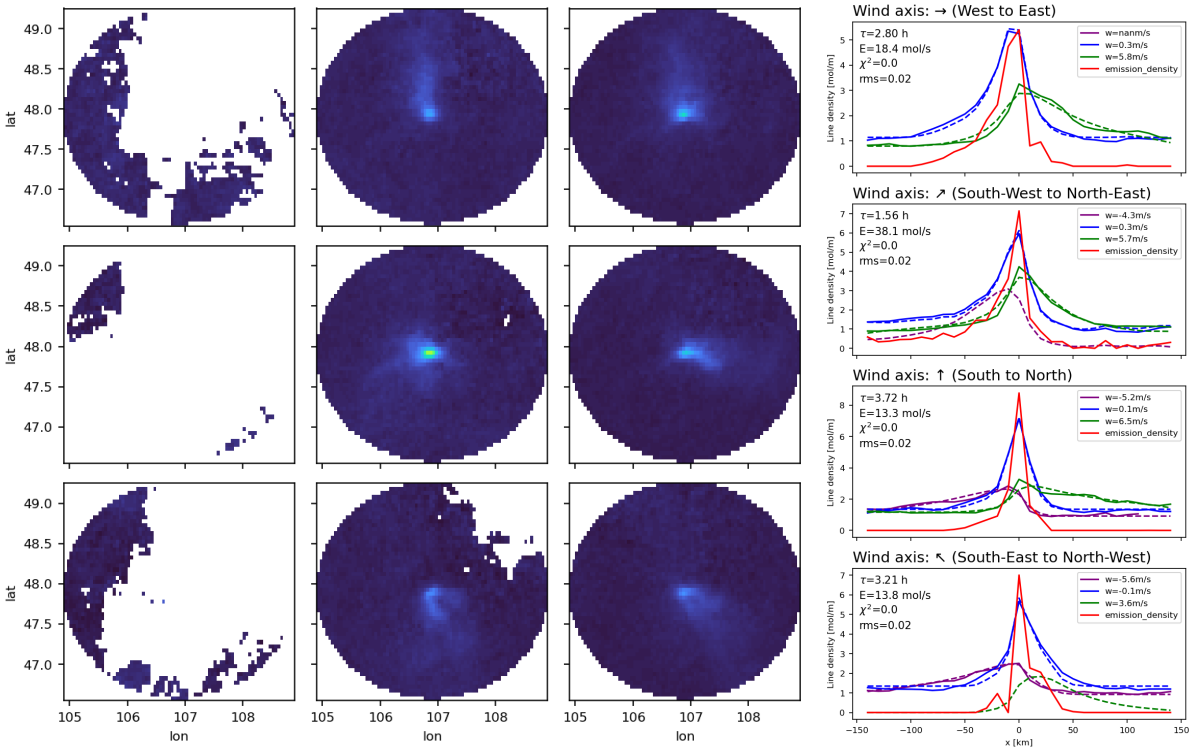
75.2 Spring



75.3 Summer

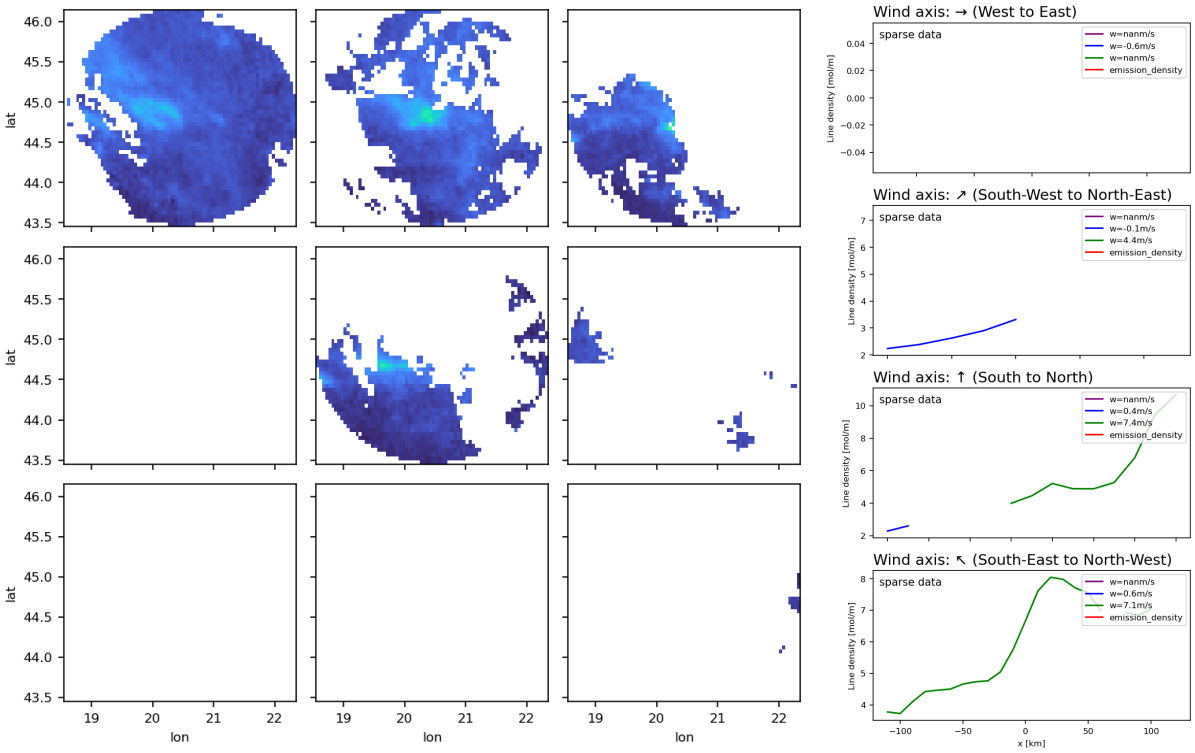


75.4 Autumn

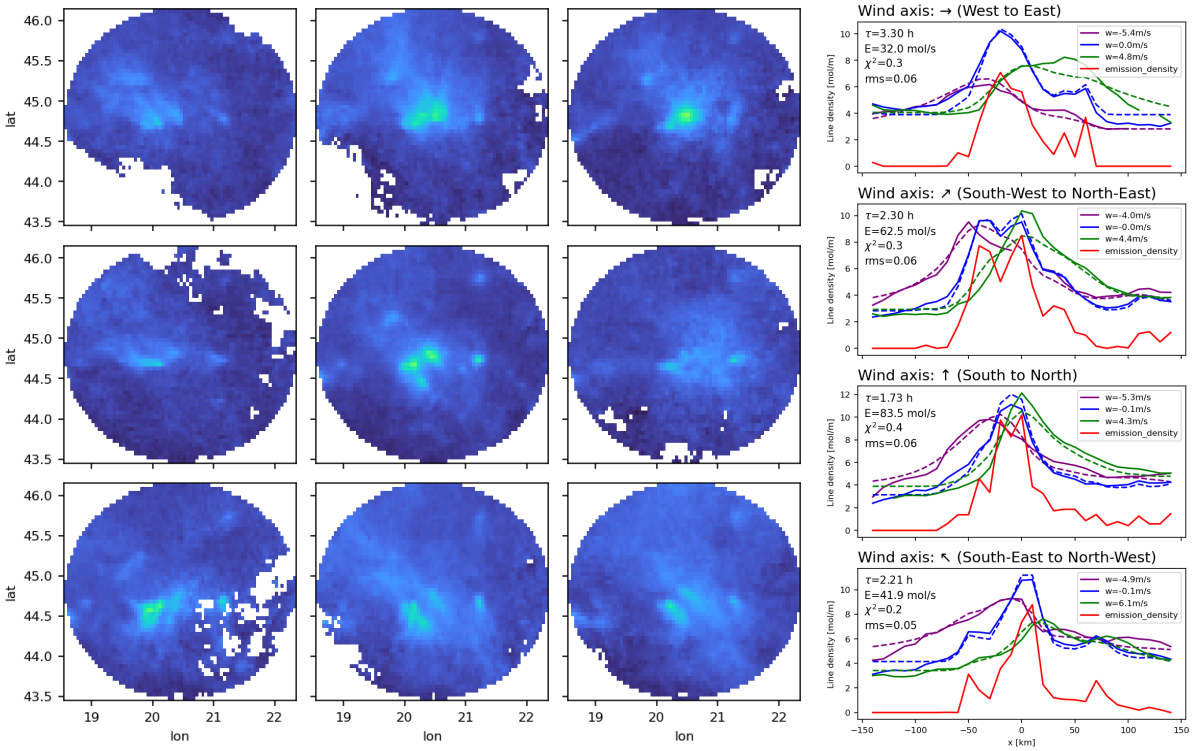


76 Belgrade

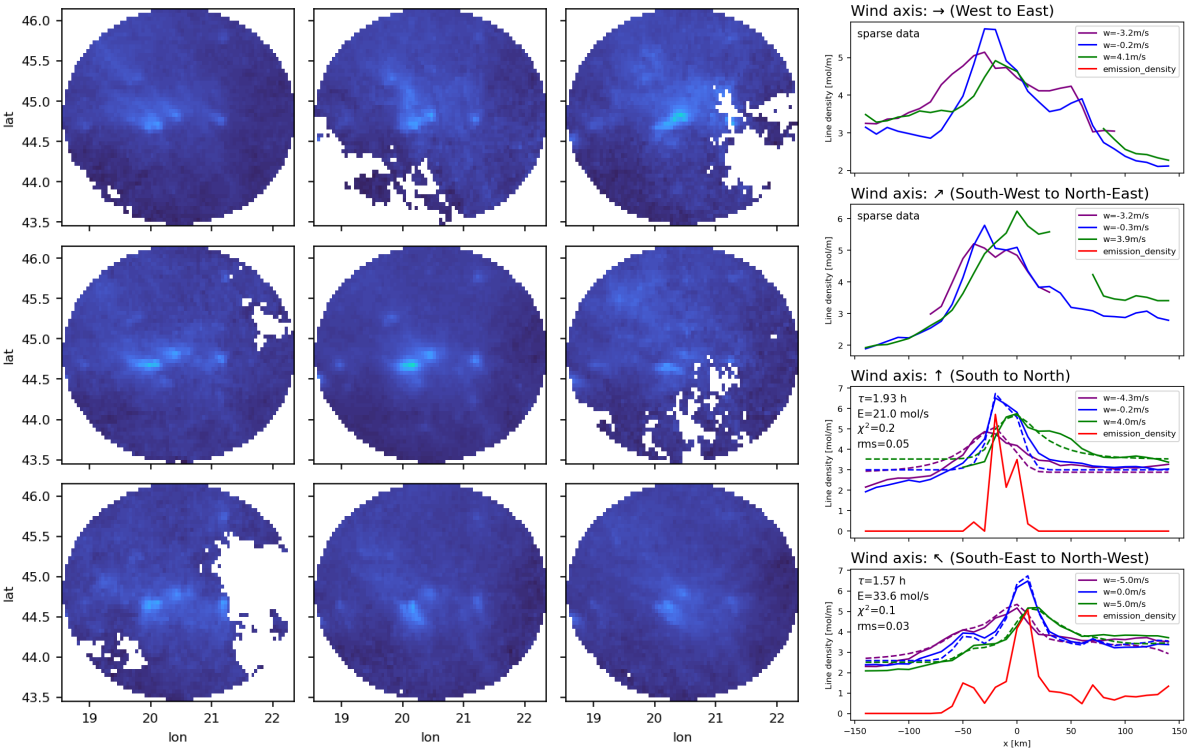
76.1 Winter



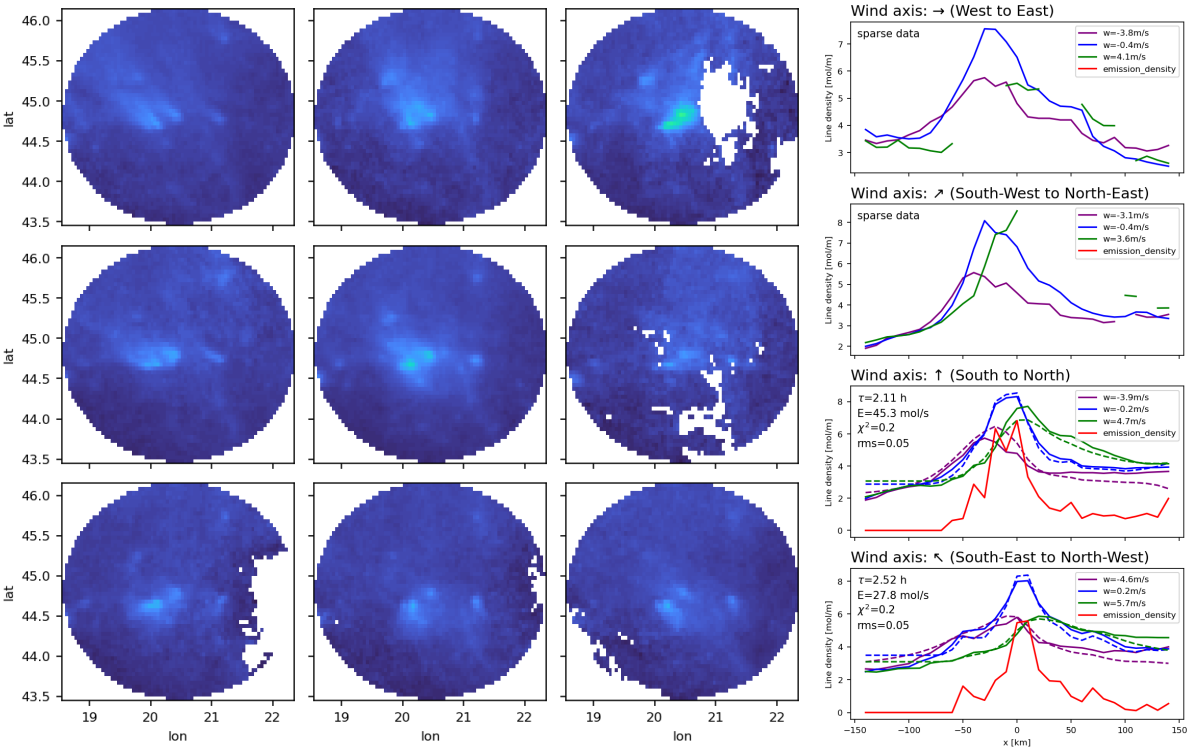
76.2 Spring



76.3 Summer

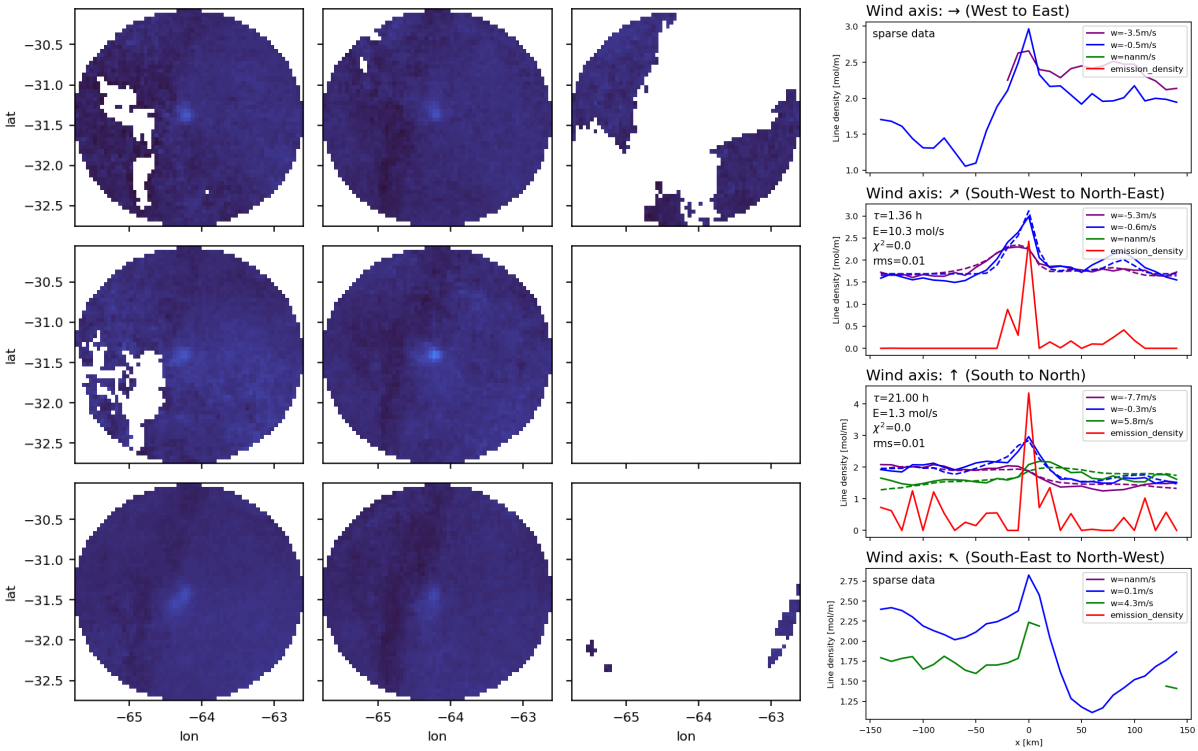


76.4 Autumn

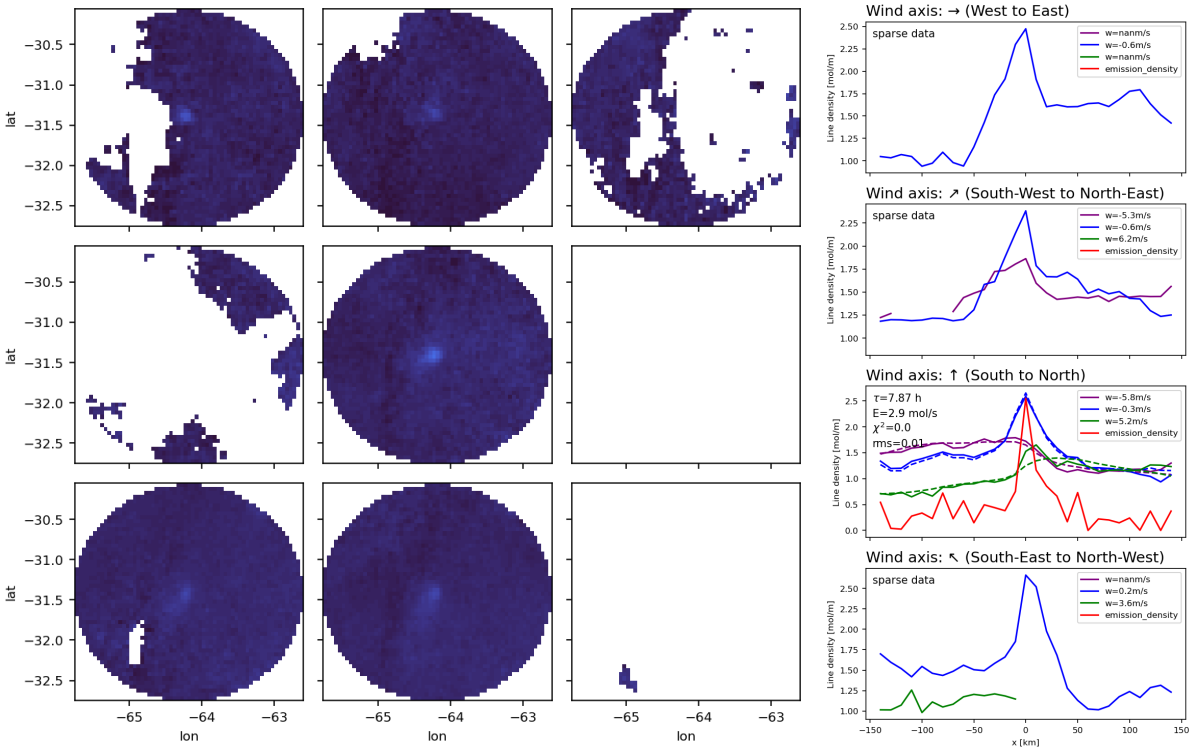


77 Córdoba

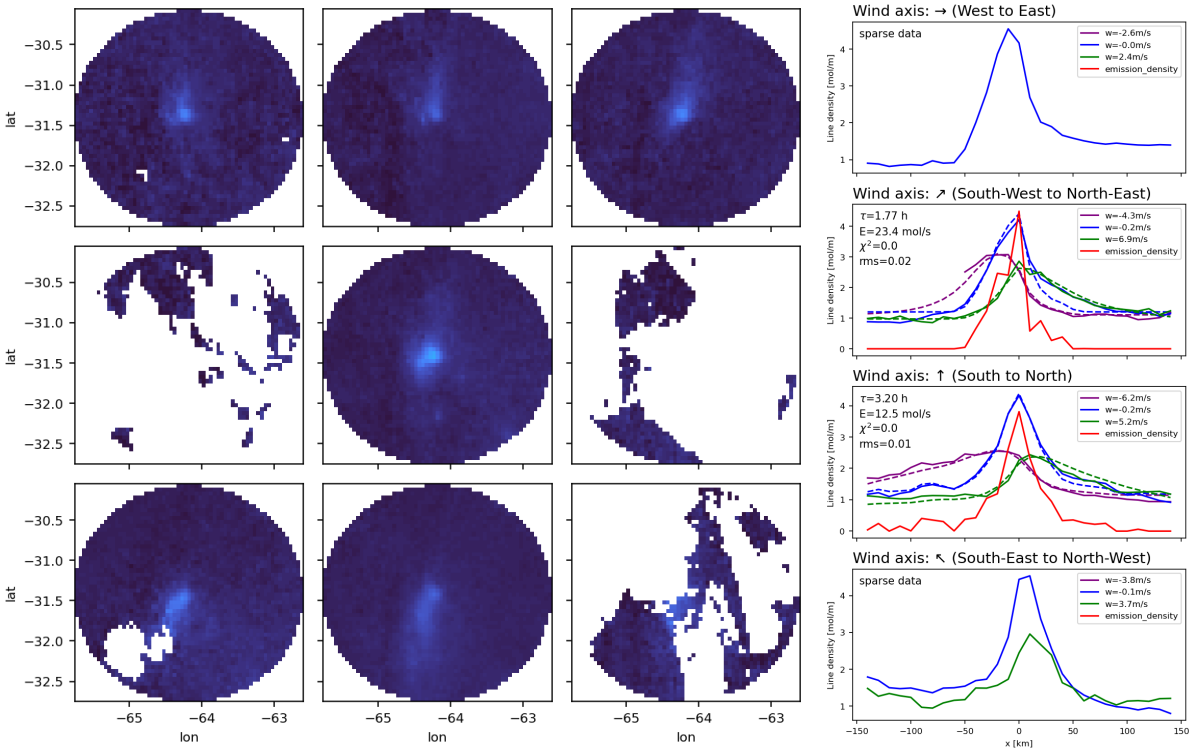
77.1 Winter



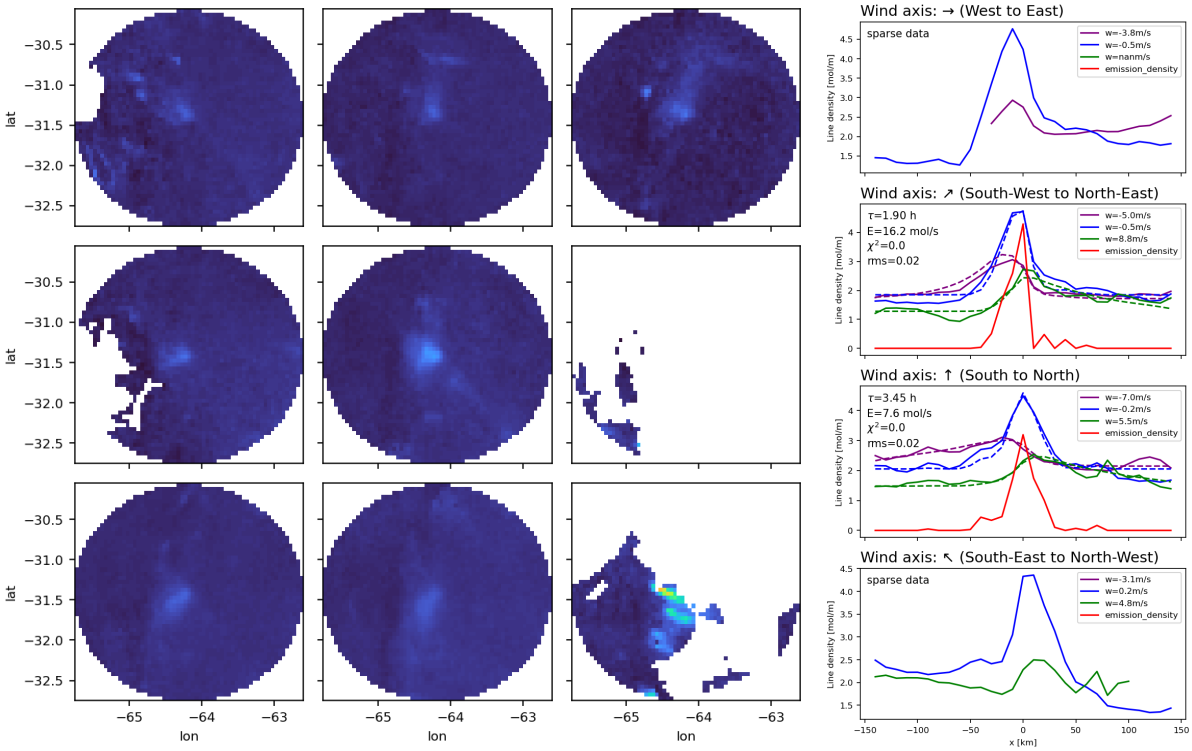
77.2 Spring



77.3 Summer

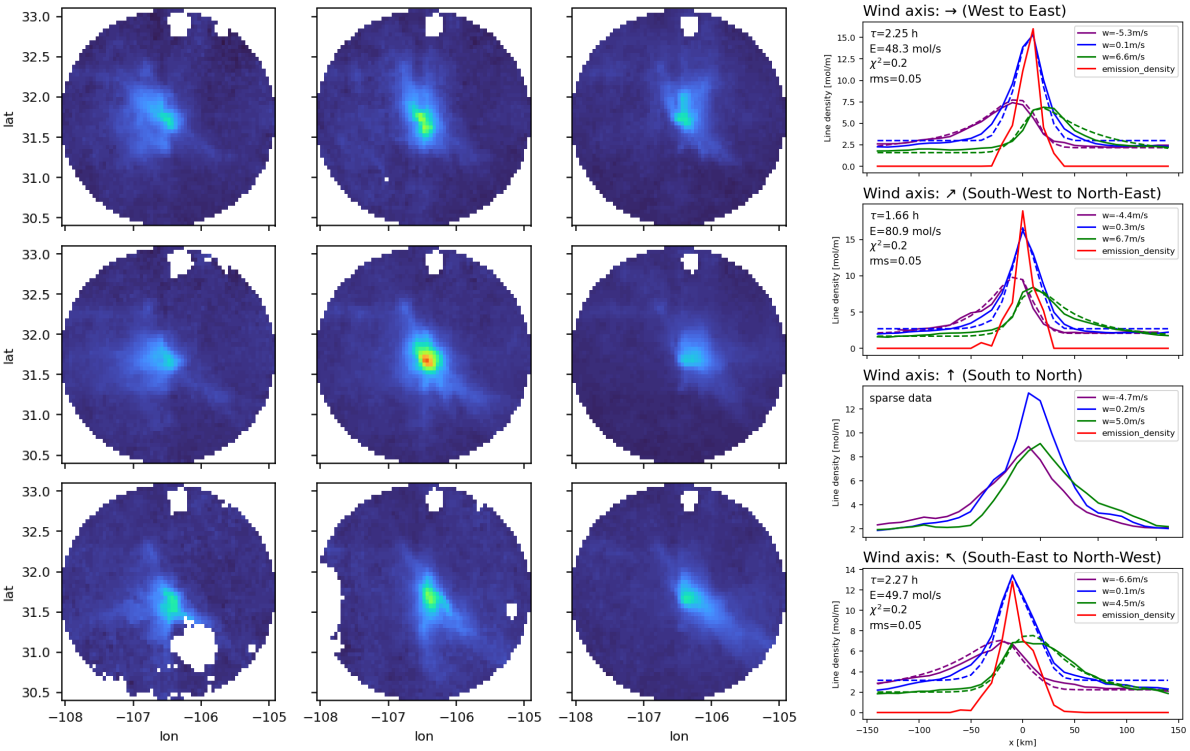


77.4 Autumn

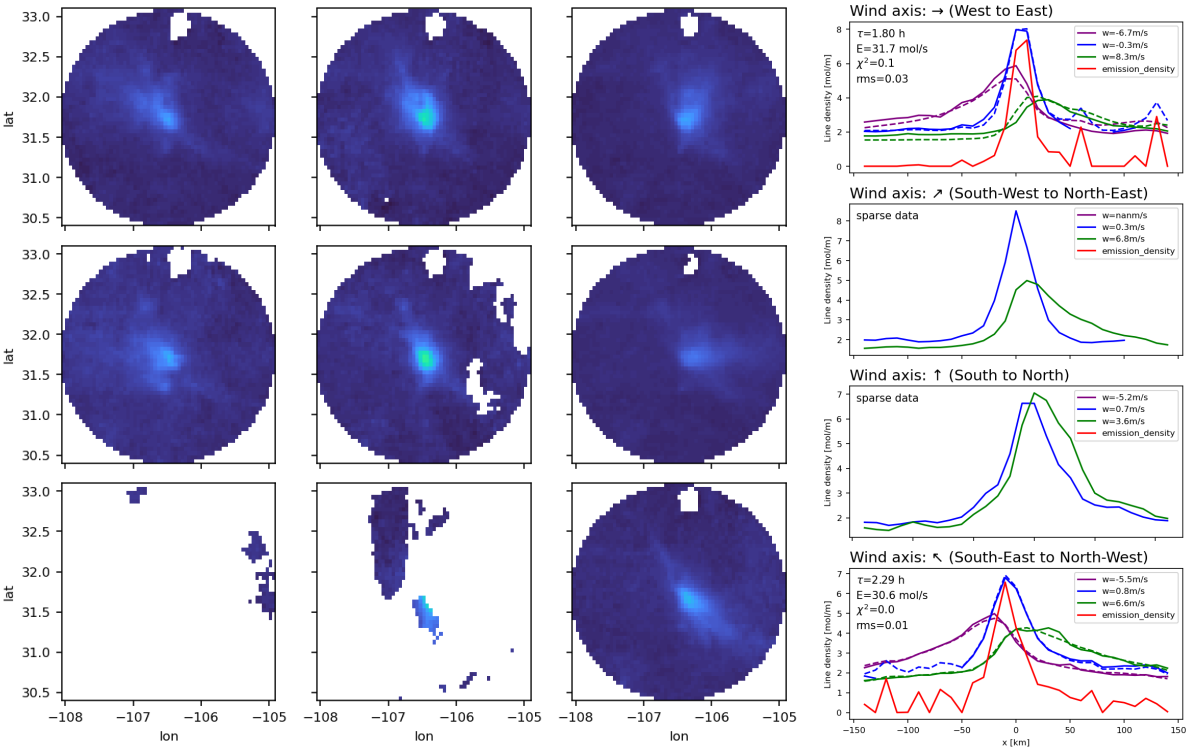


78 Juárez

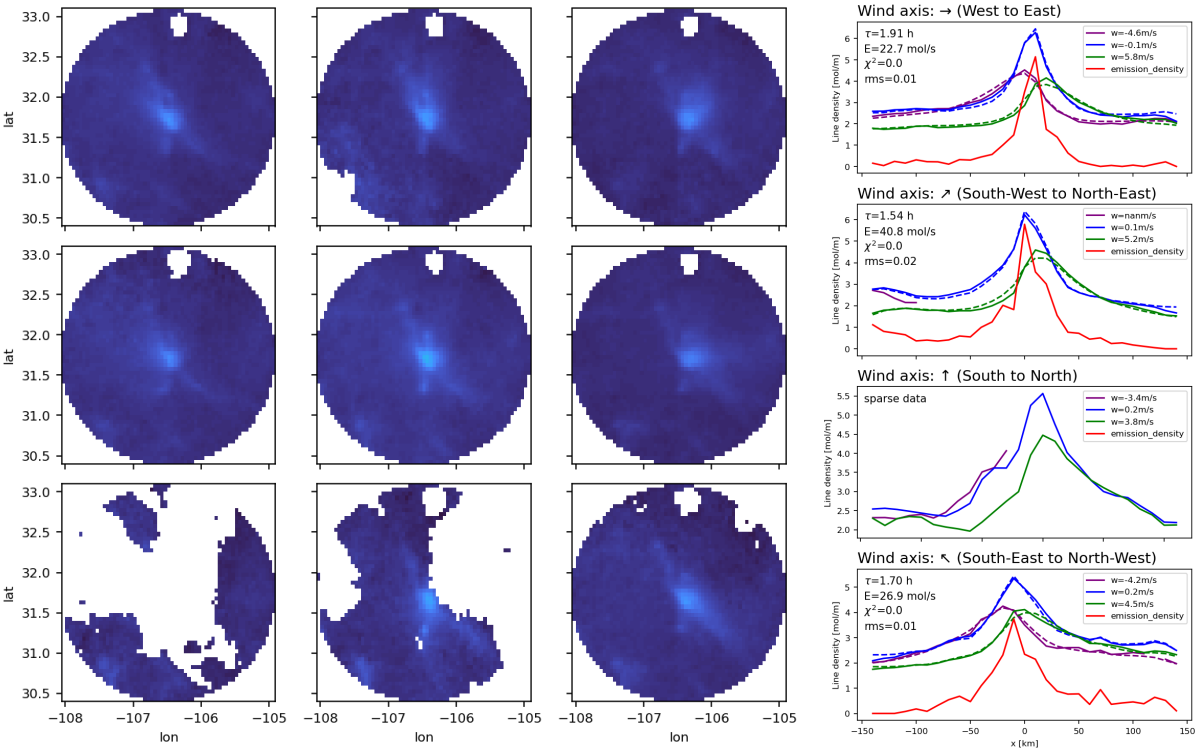
78.1 Winter



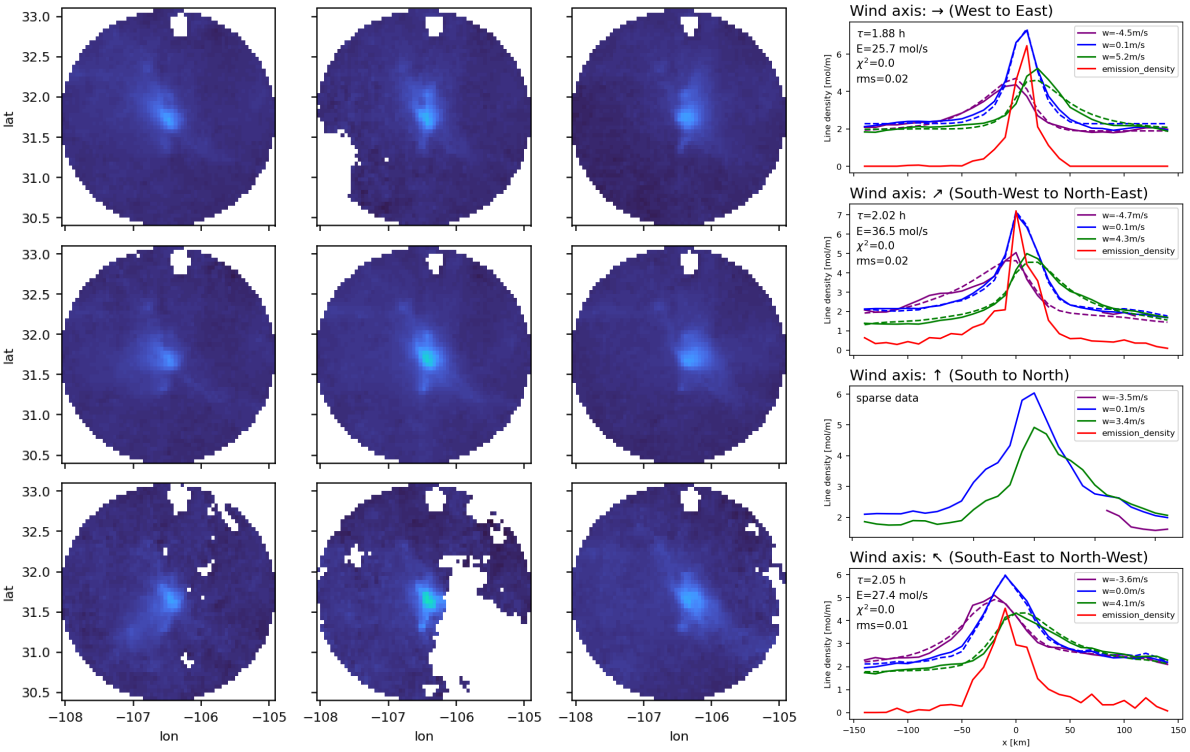
78.2 Spring



78.3 Summer

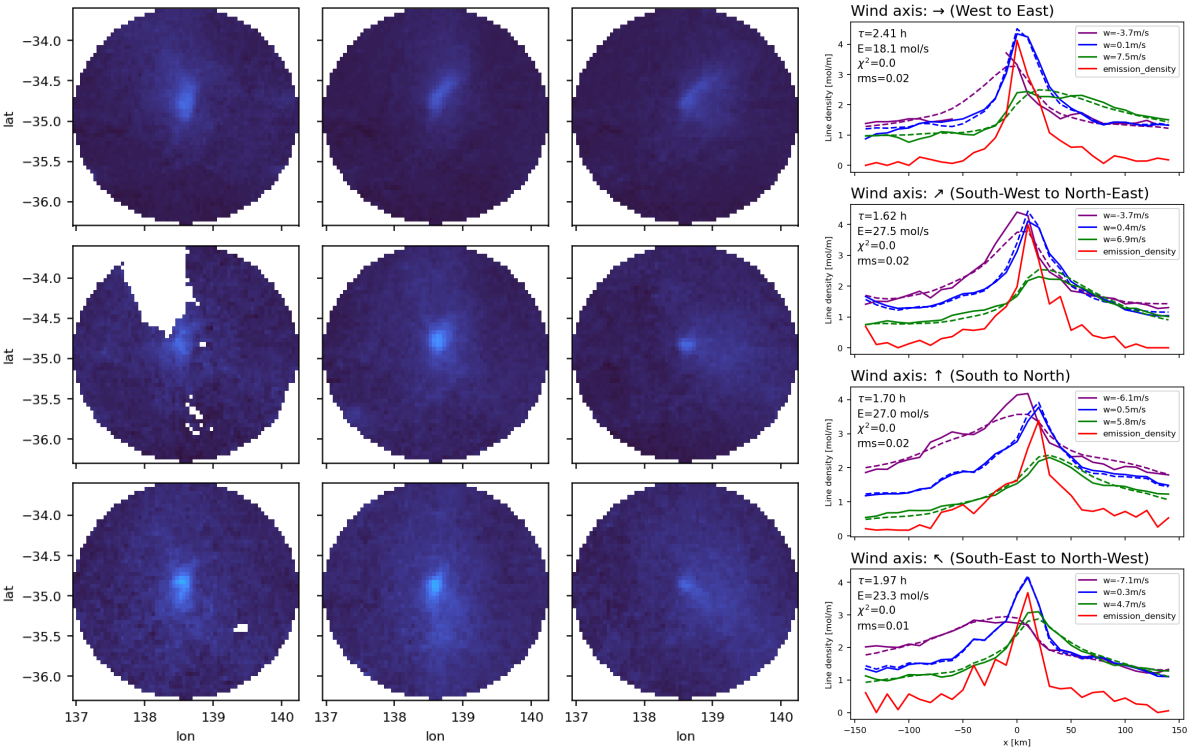


78.4 Autumn

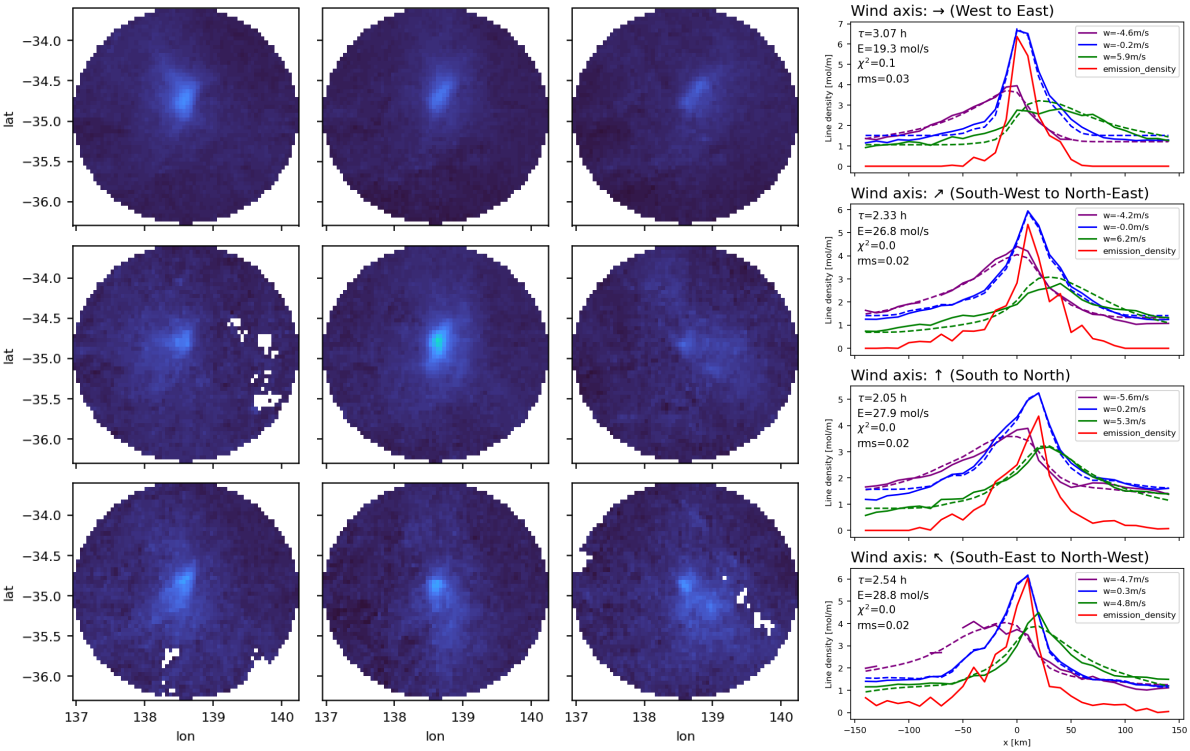


79 Adelaide

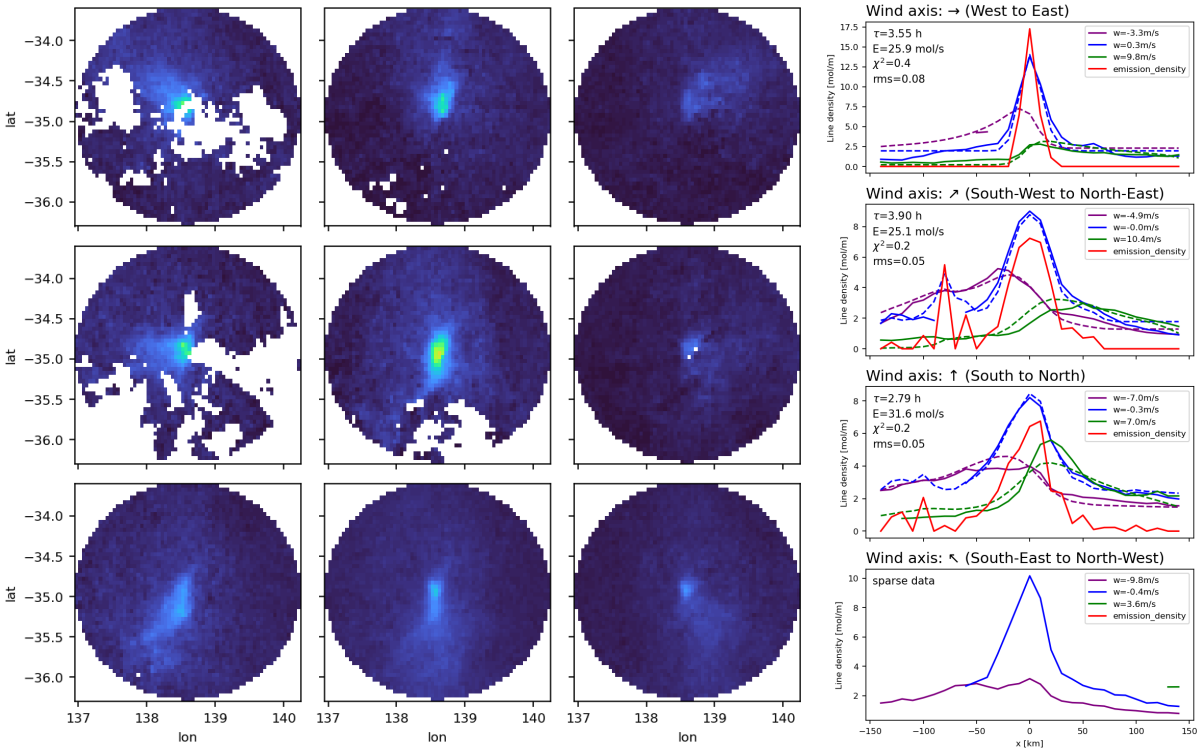
79.1 Winter



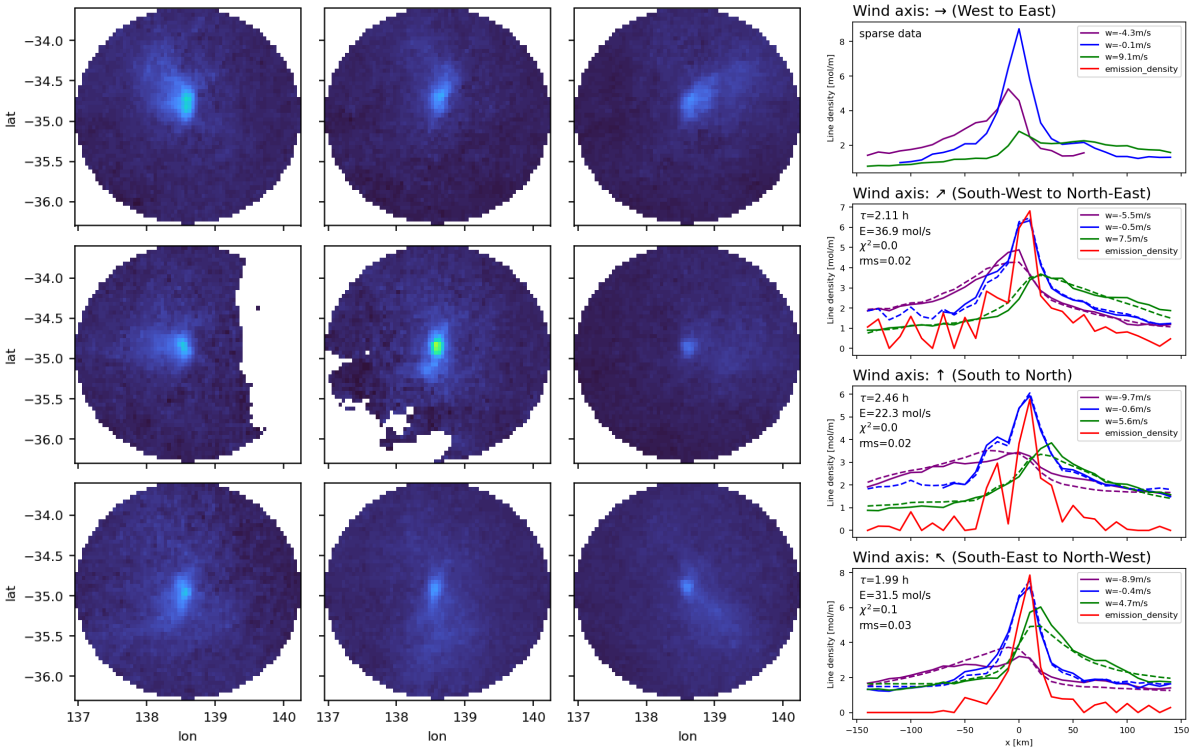
79.2 Spring



79.3 Summer

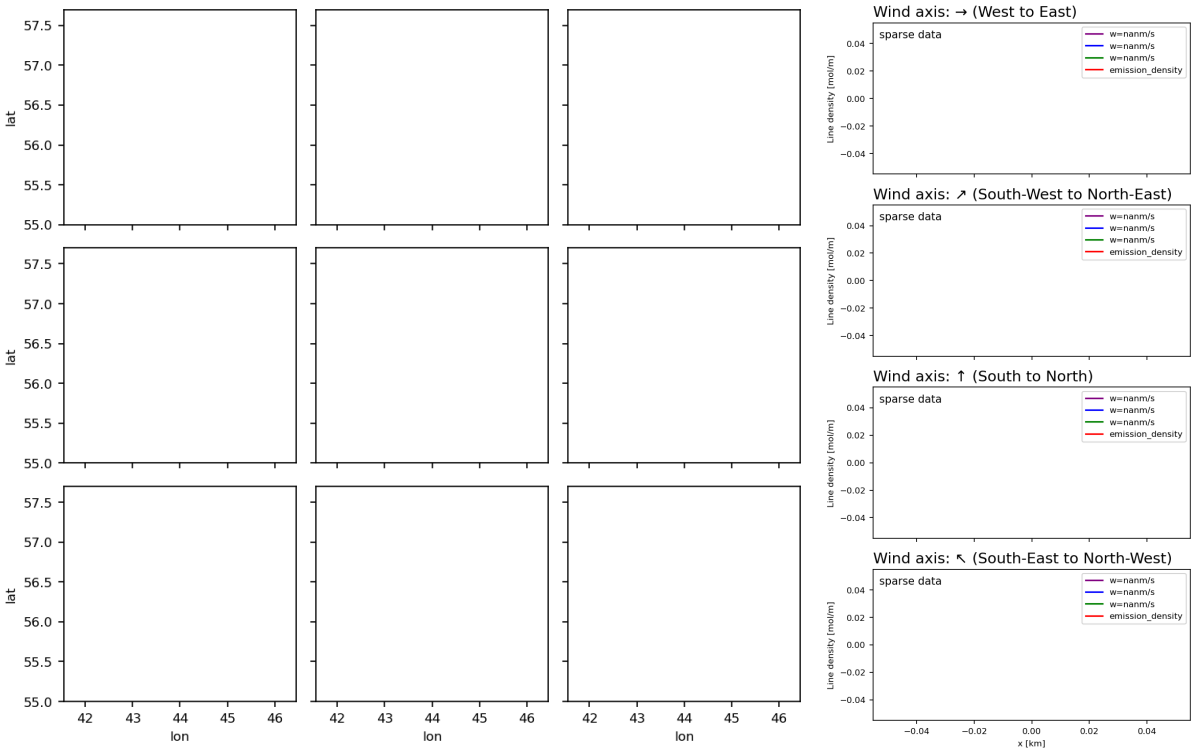


79.4 Autumn

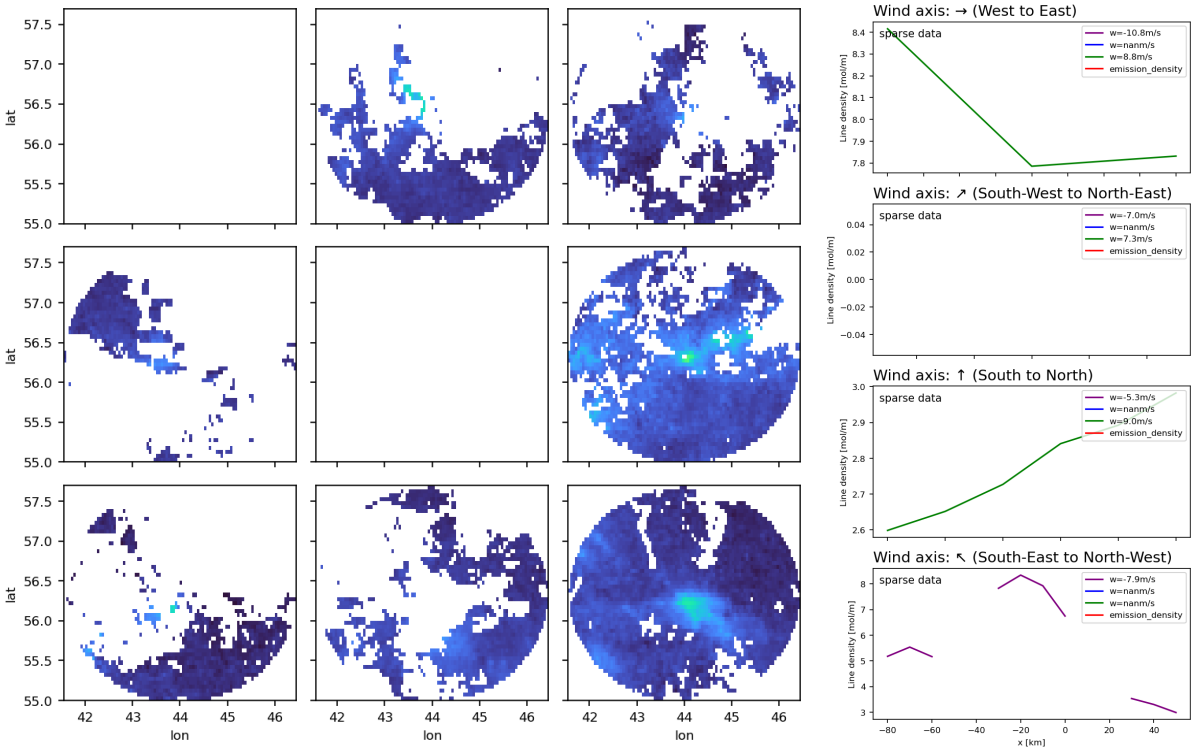


80 Nizhniy Novgorod

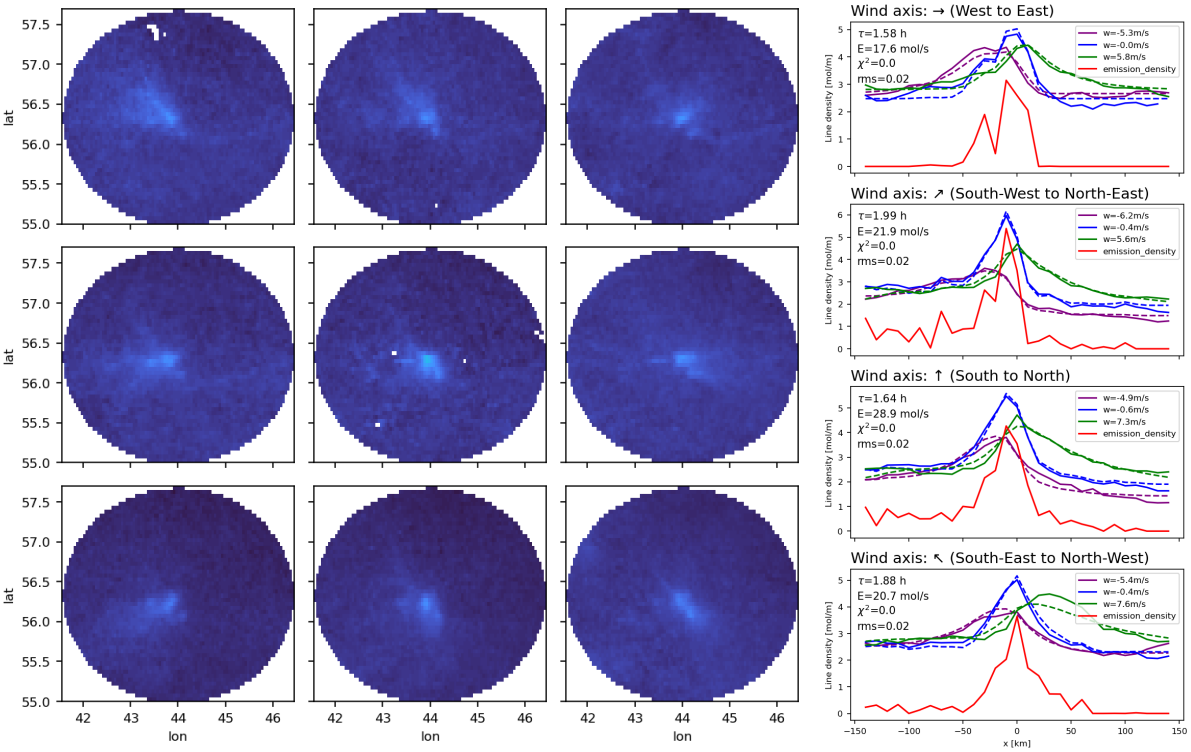
80.1 Winter



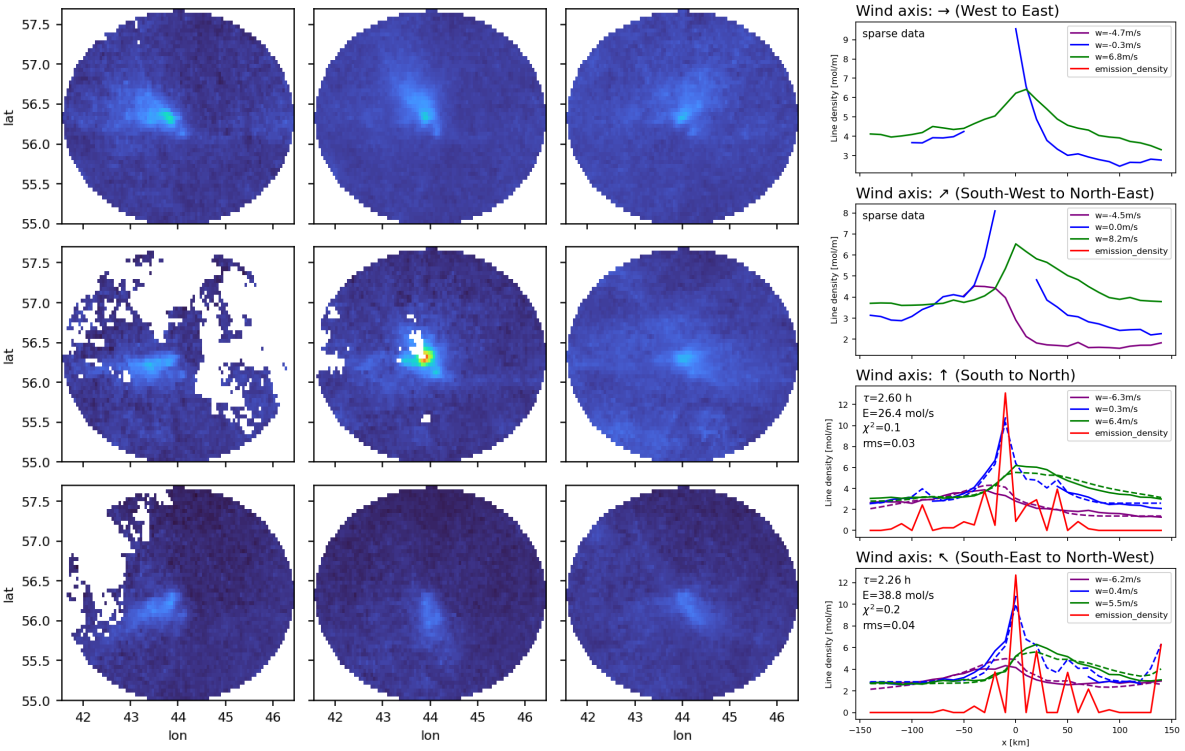
80.2 Spring



80.3 Summer

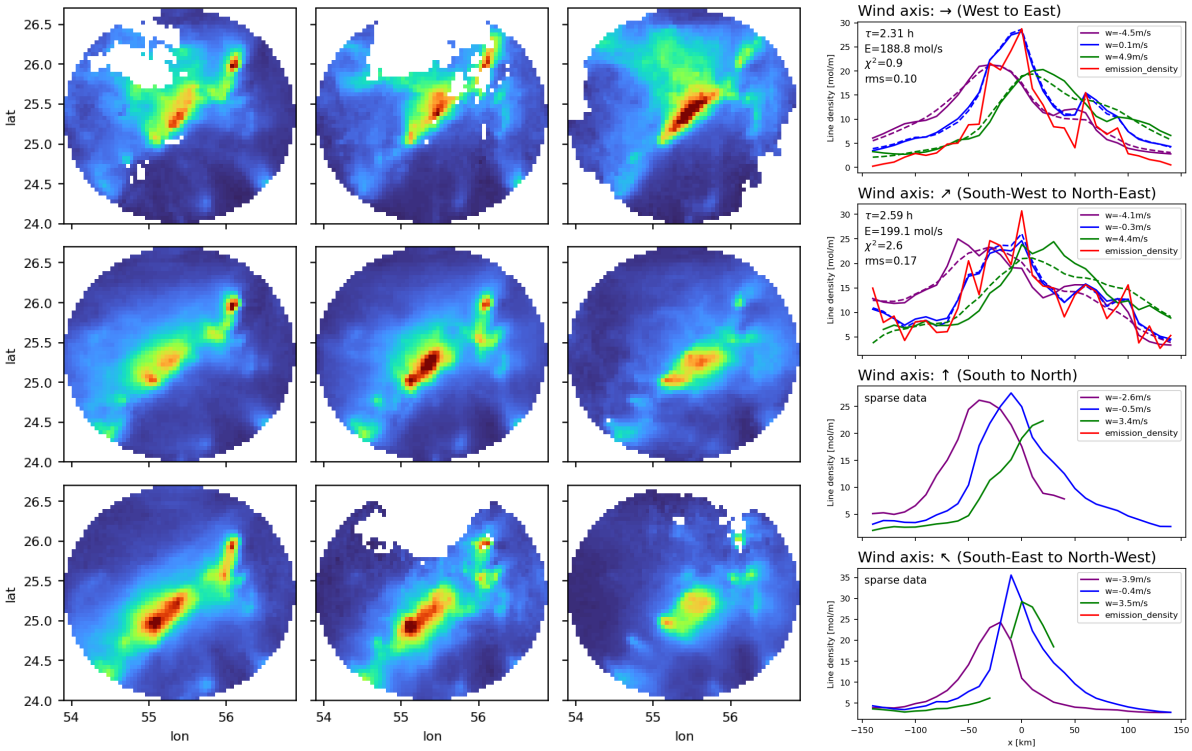


80.4 Autumn

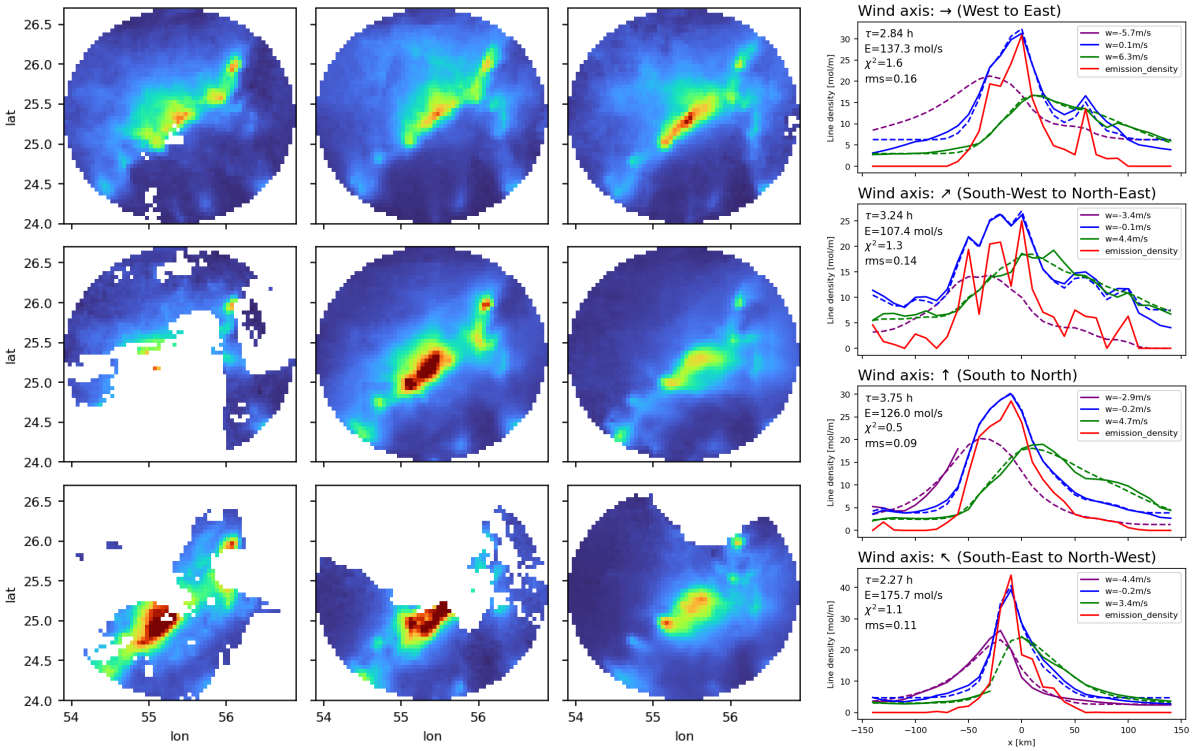


81 Sharjah

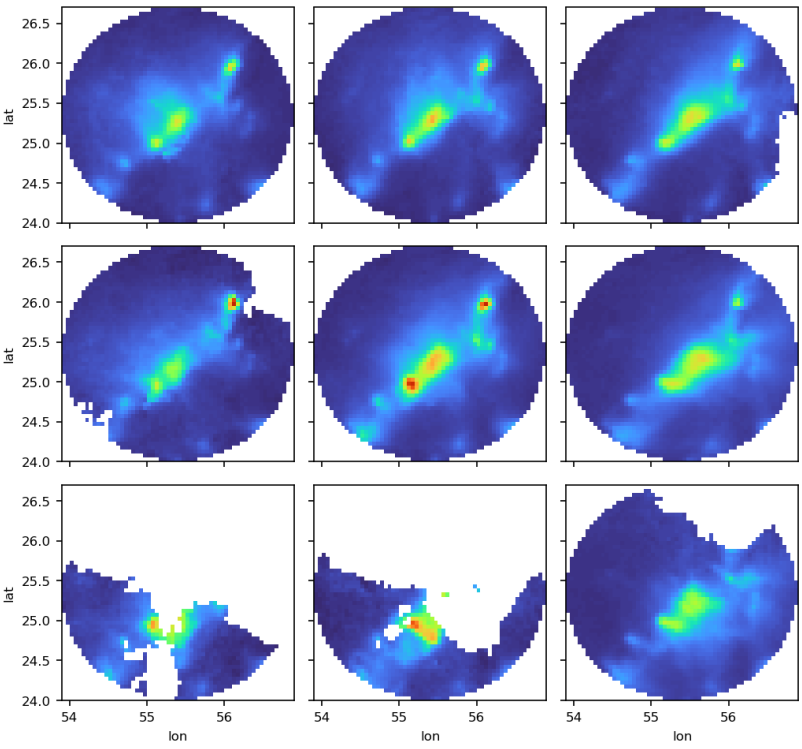
81.1 Winter

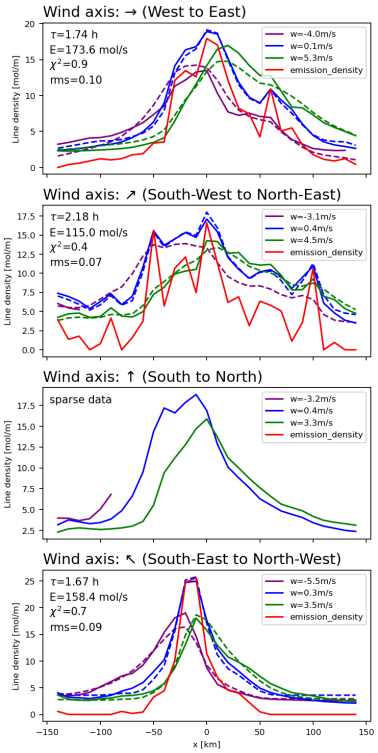


81.2 Spring

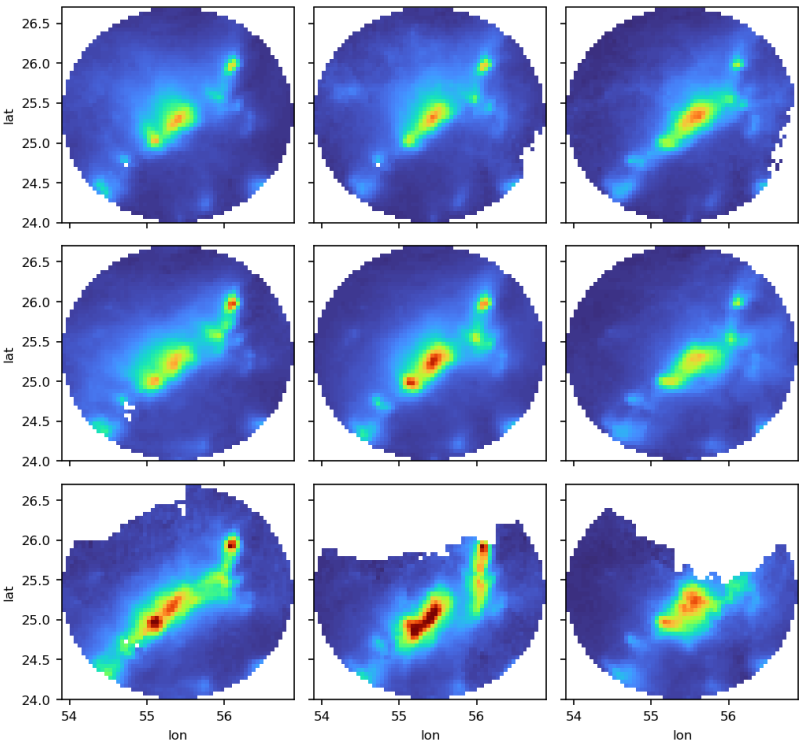


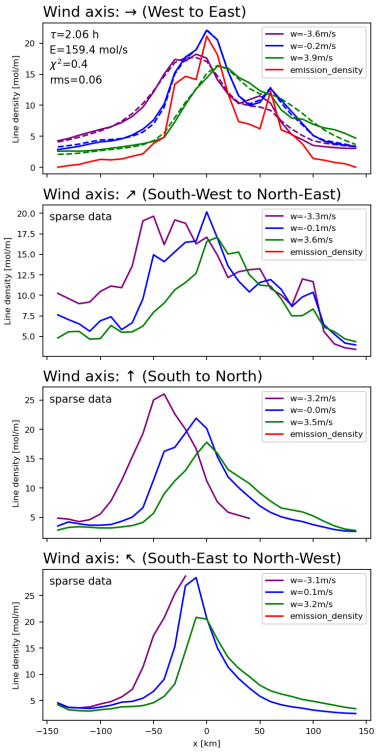
81.3 Summer





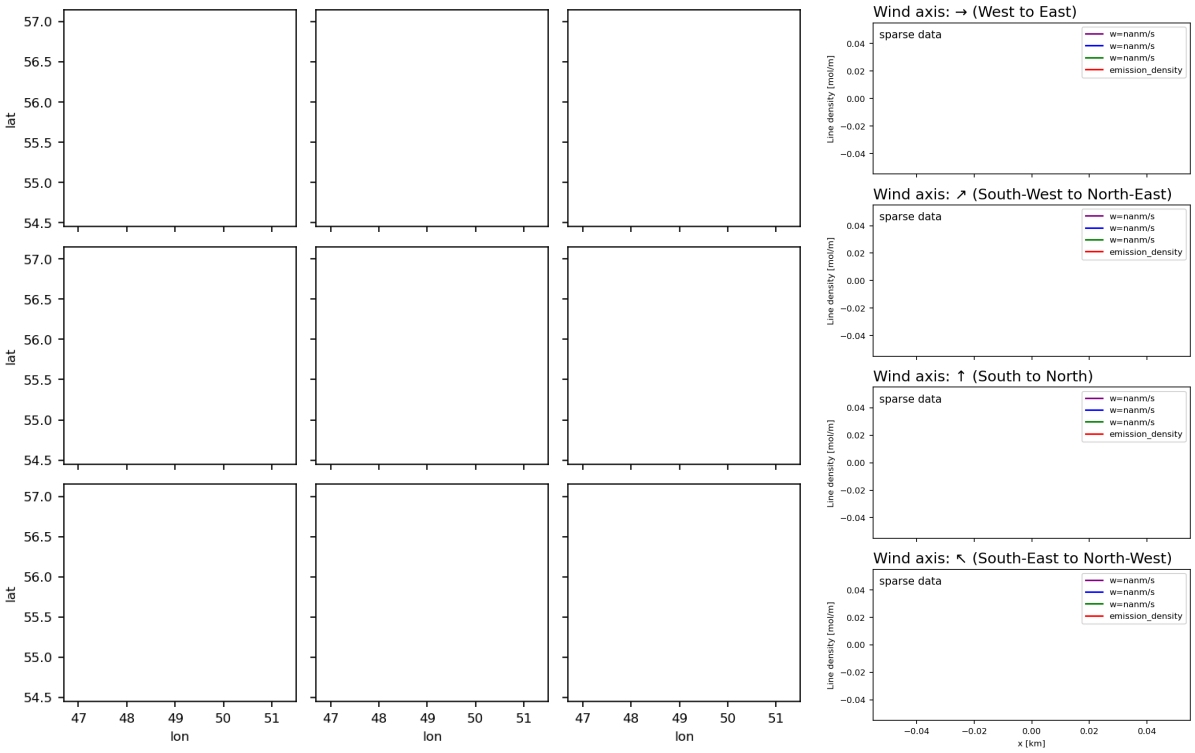
81.4 Autumn



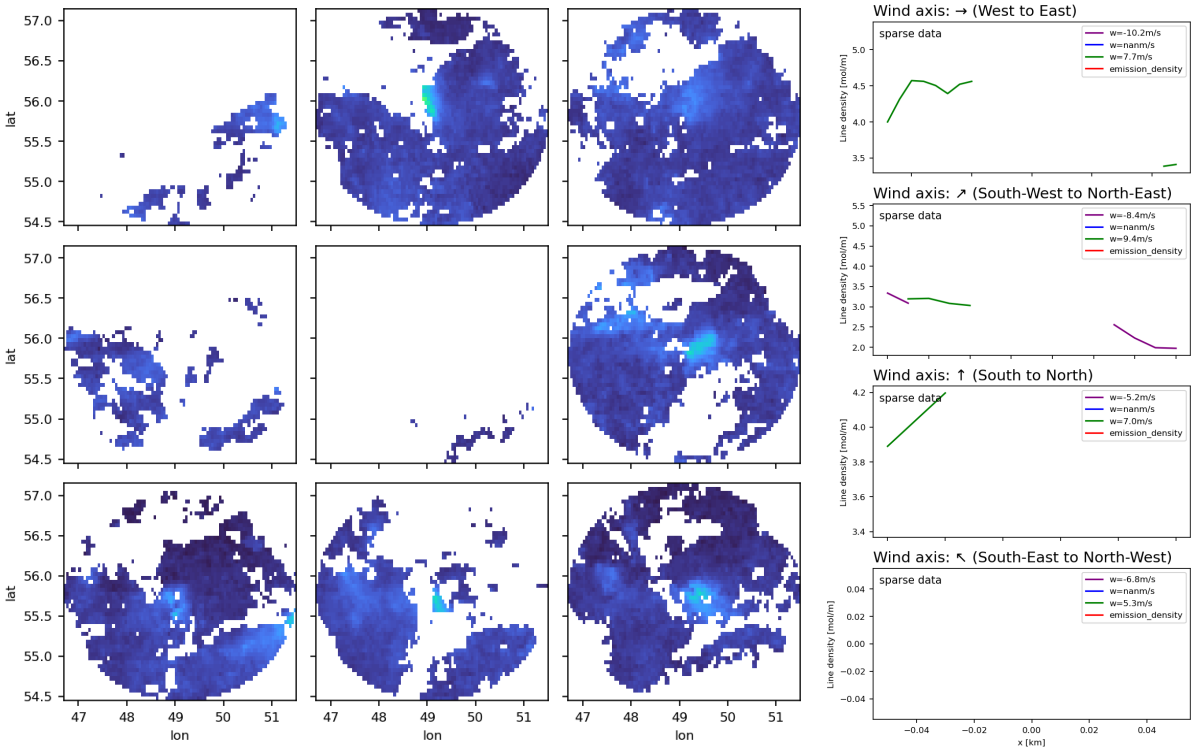


82 Kazan

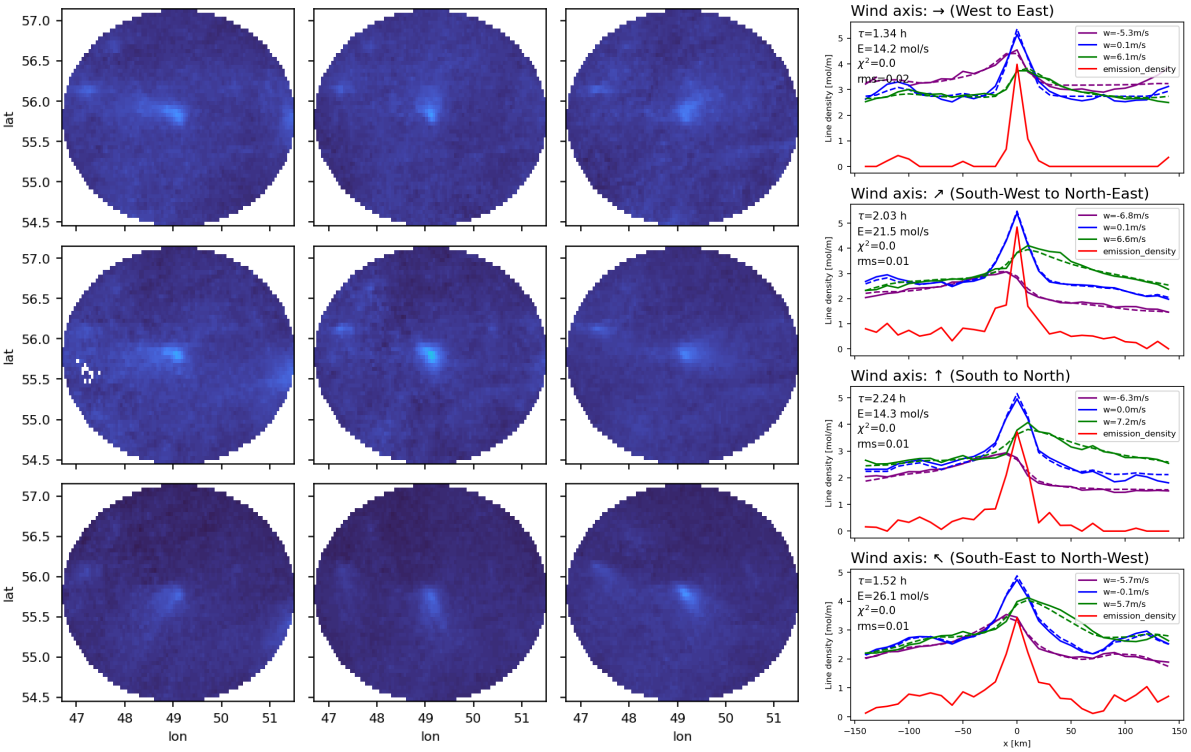
82.1 Winter



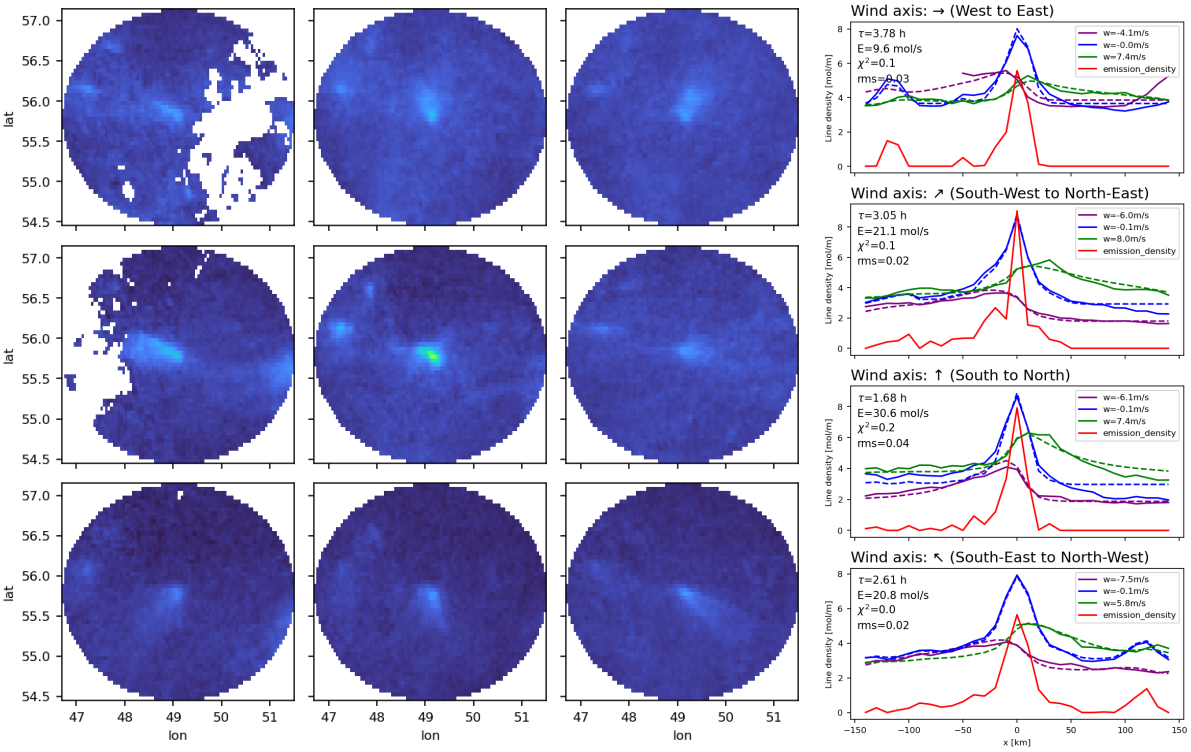
82.2 Spring



82.3 Summer

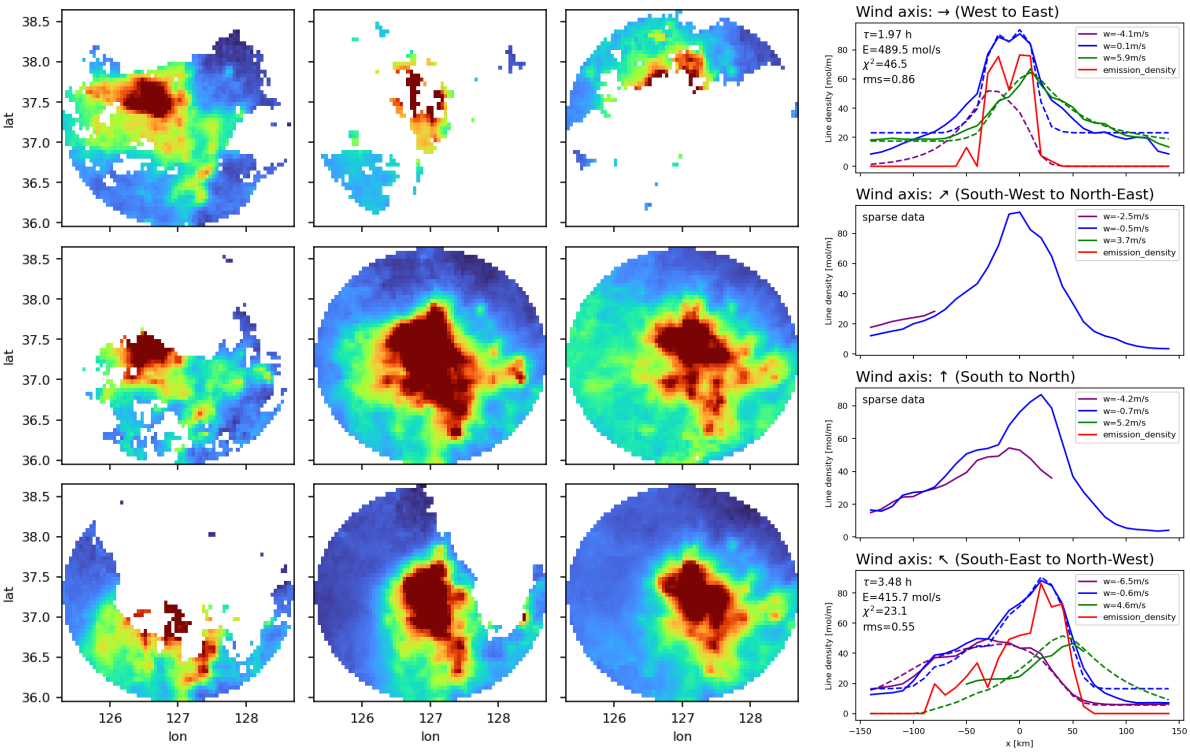


82.4 Autumn

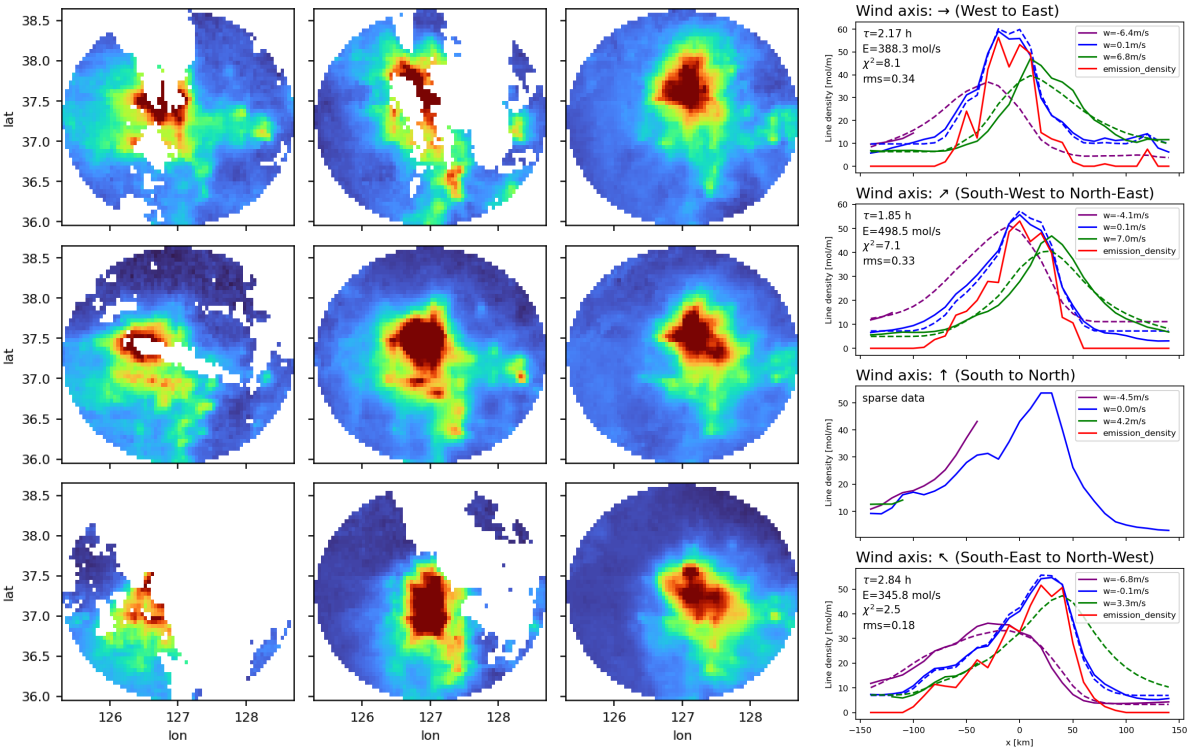


83 Suwon

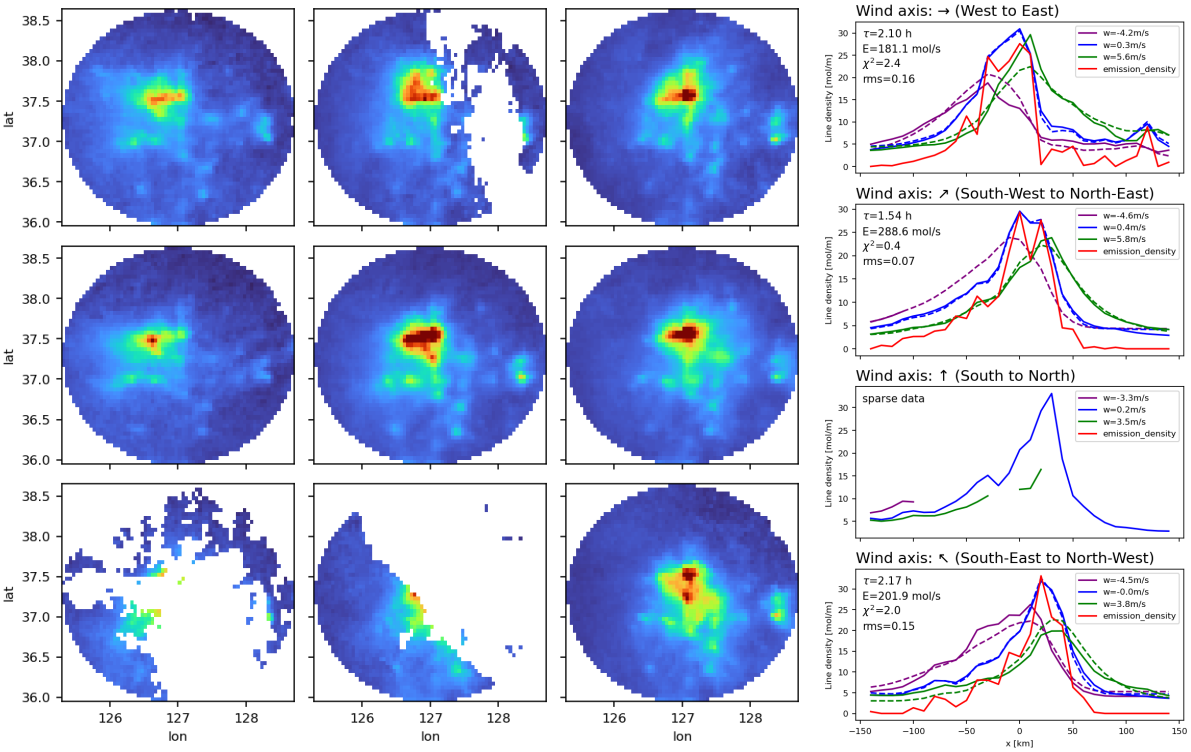
83.1 Winter



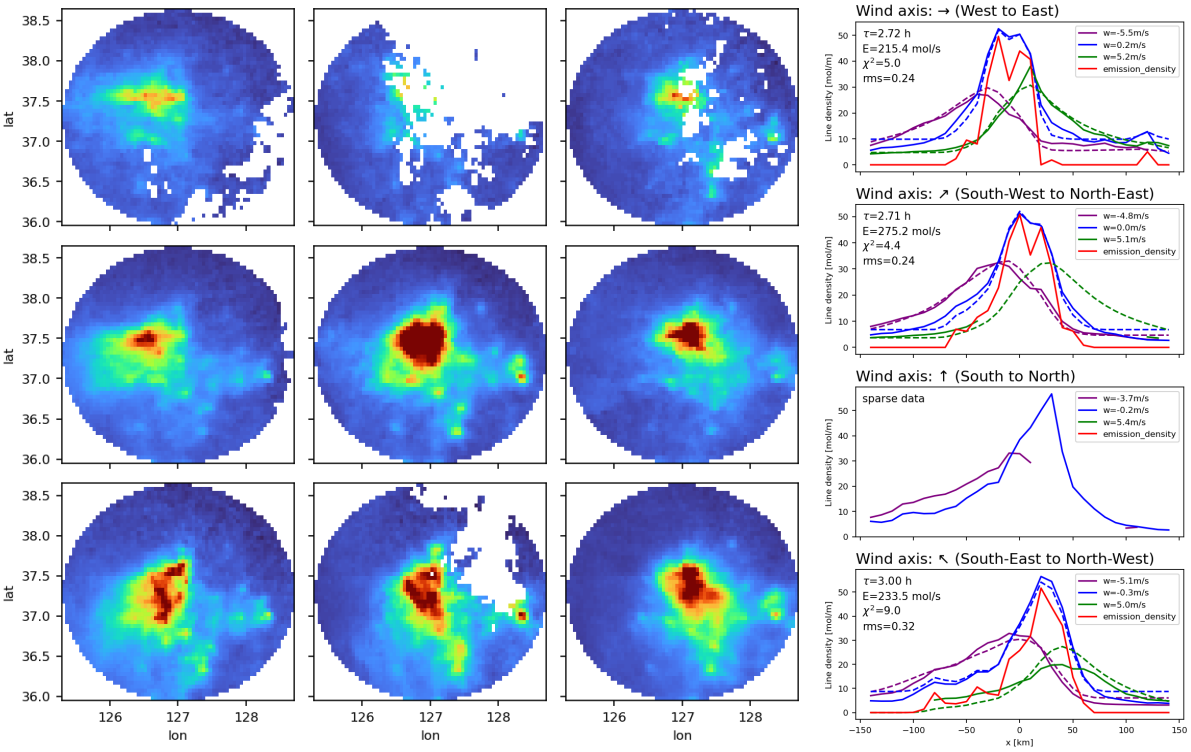
83.2 Spring



83.3 Summer

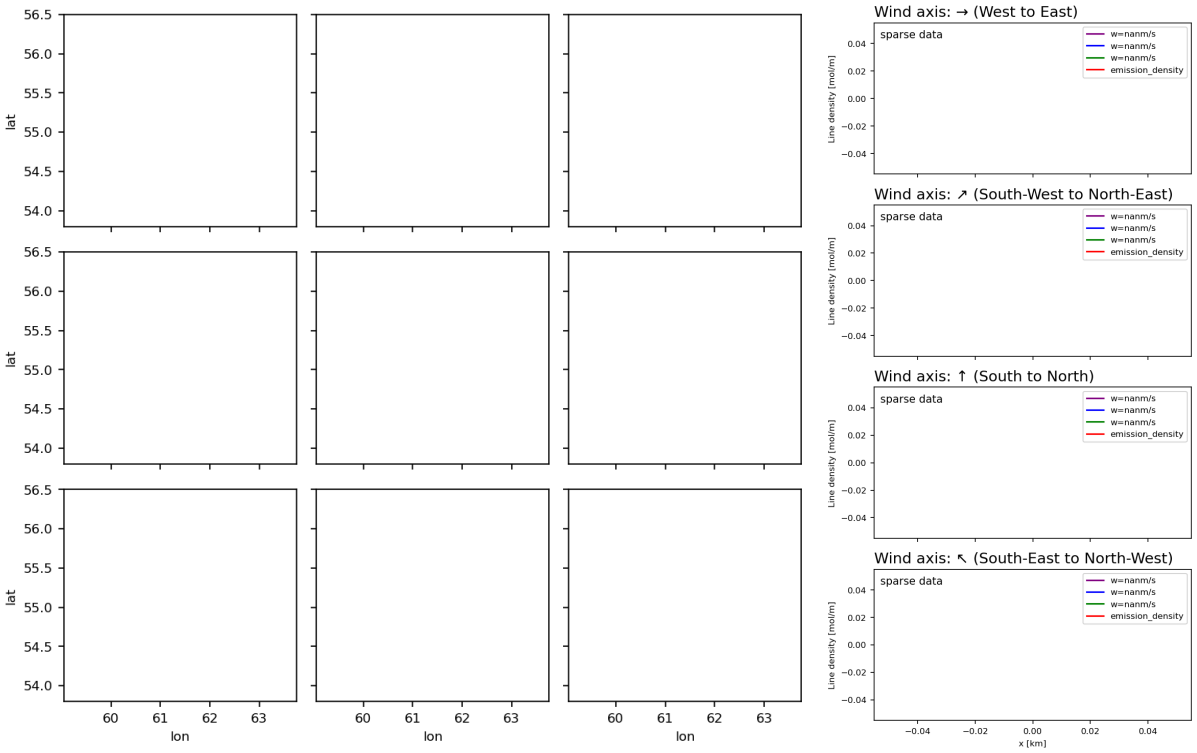


83.4 Autumn

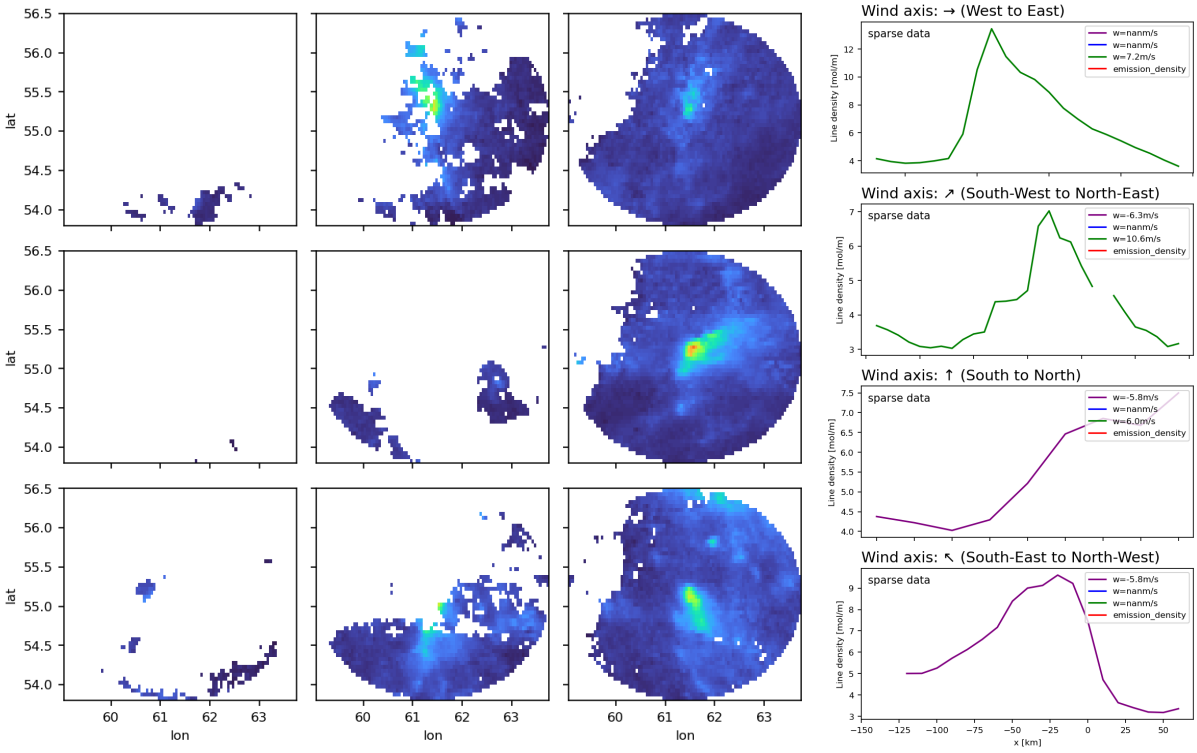


84 Chelyabinsk

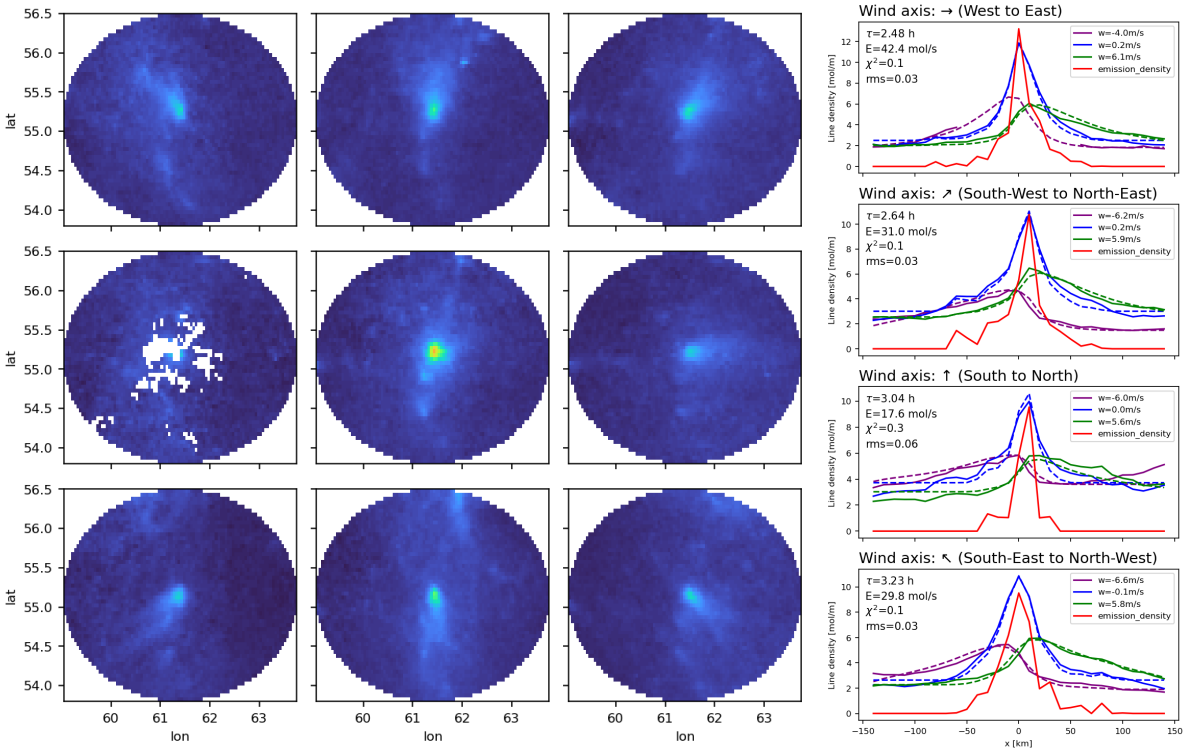
84.1 Winter



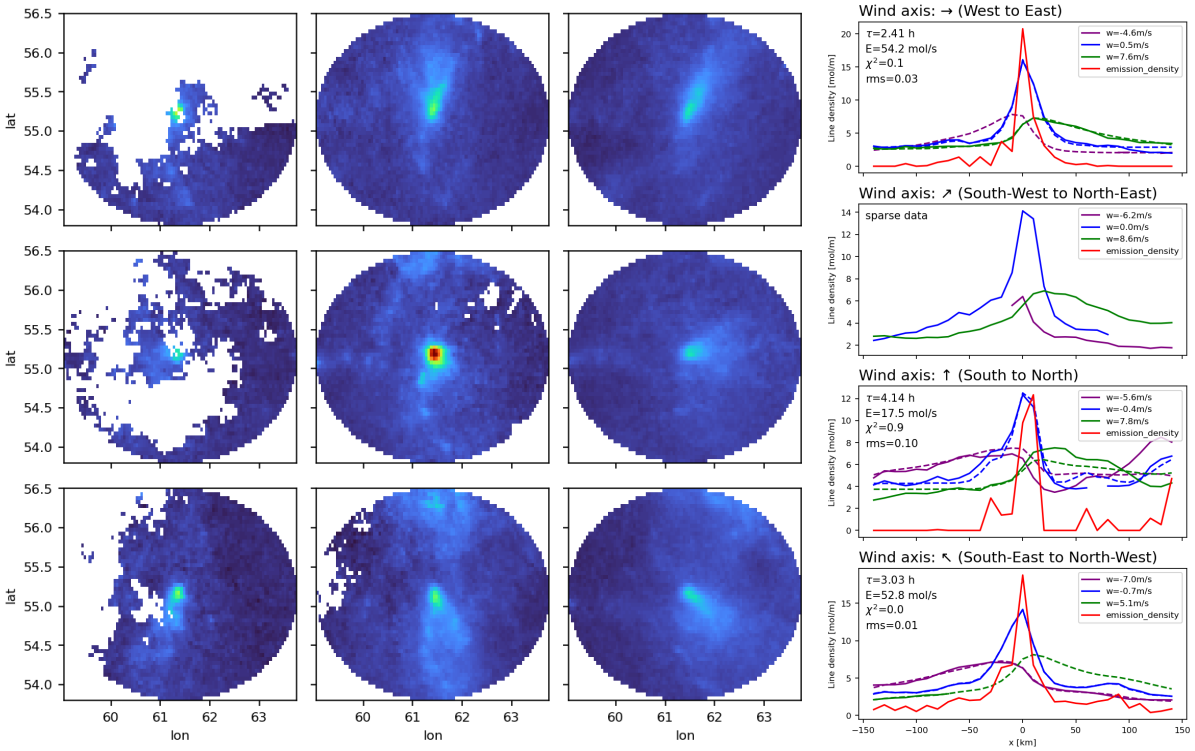
84.2 Spring



84.3 Summer

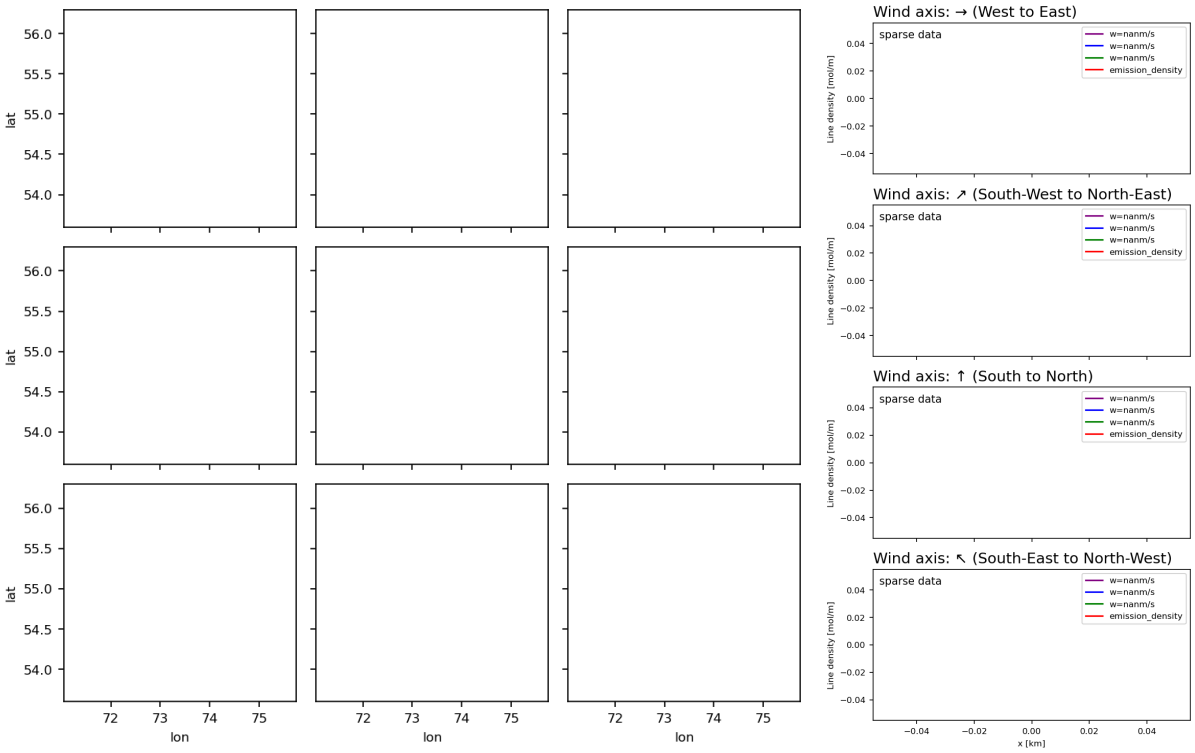


84.4 Autumn

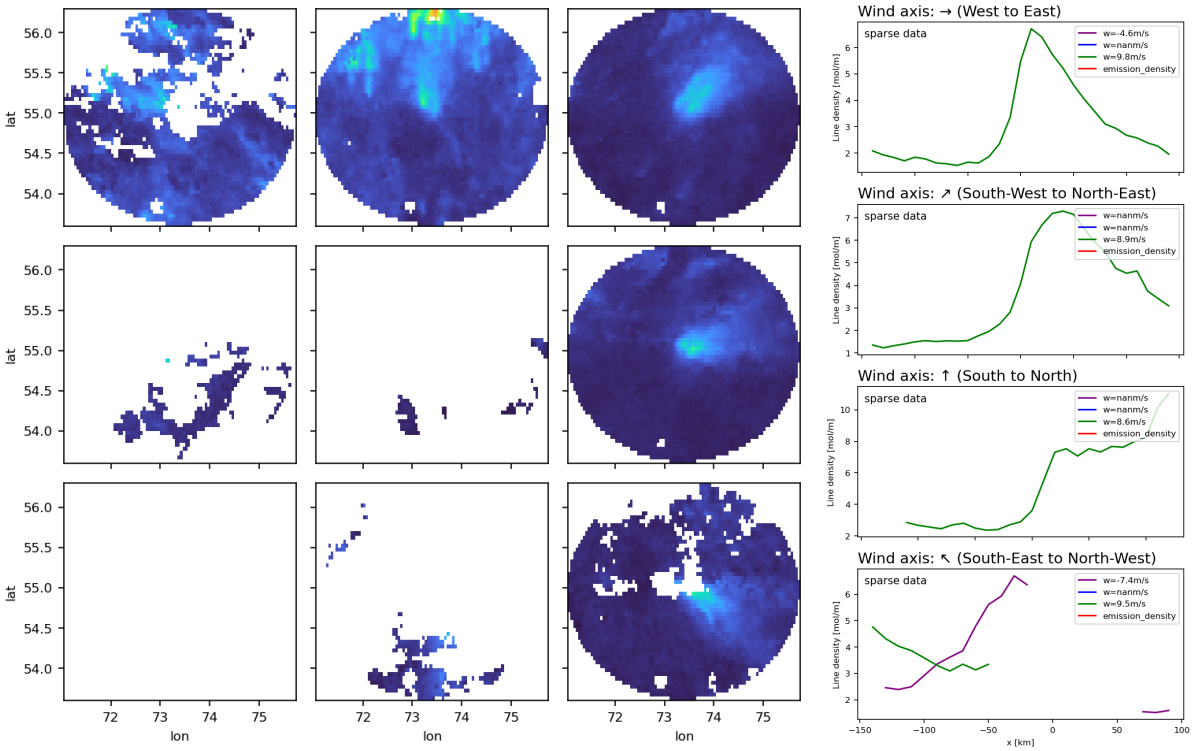


85 Omsk

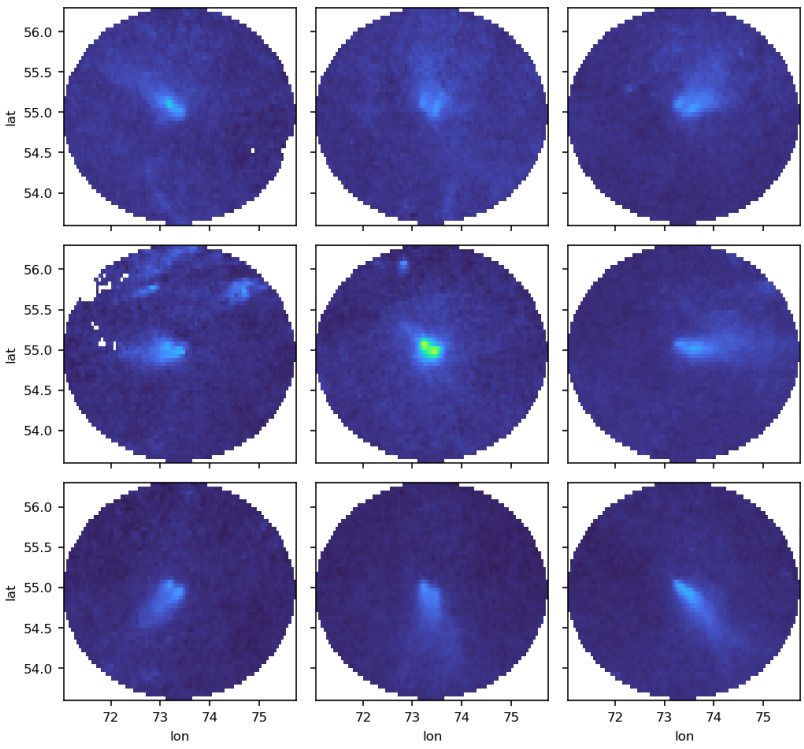
85.1 Winter

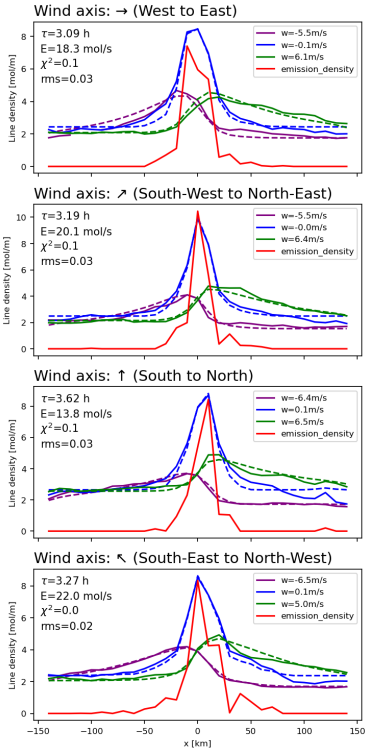


85.2 Spring

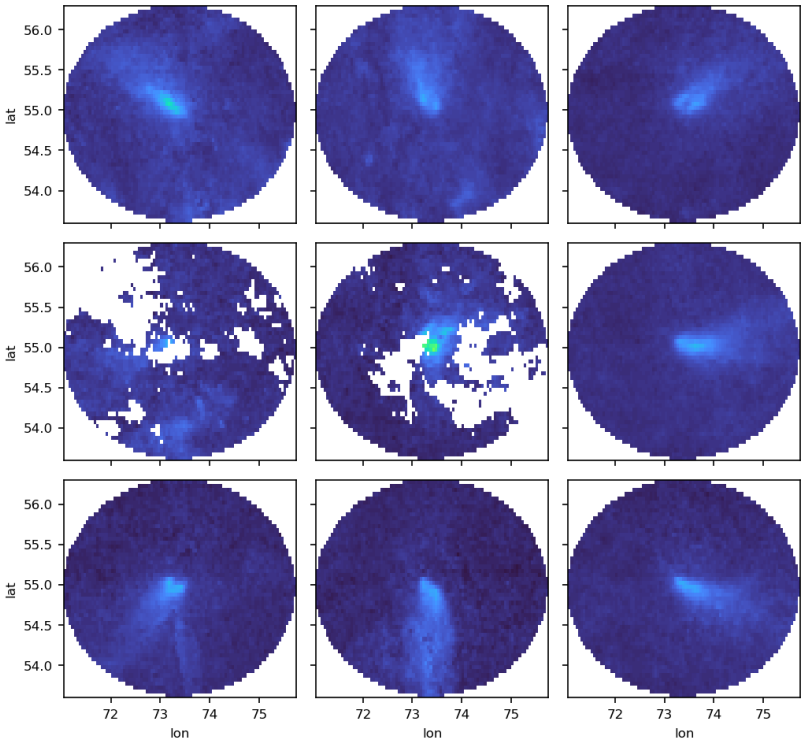


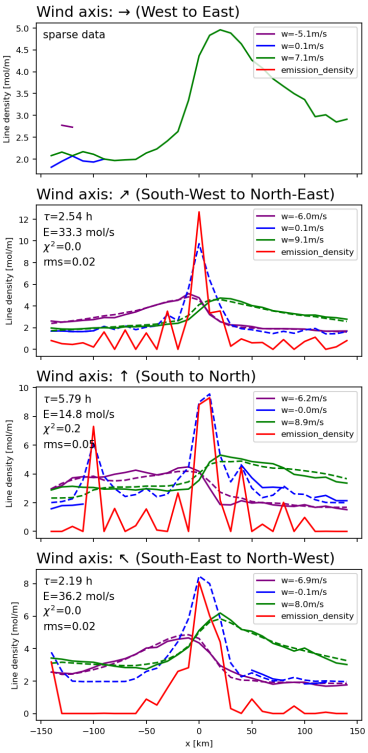
85.3 Summer





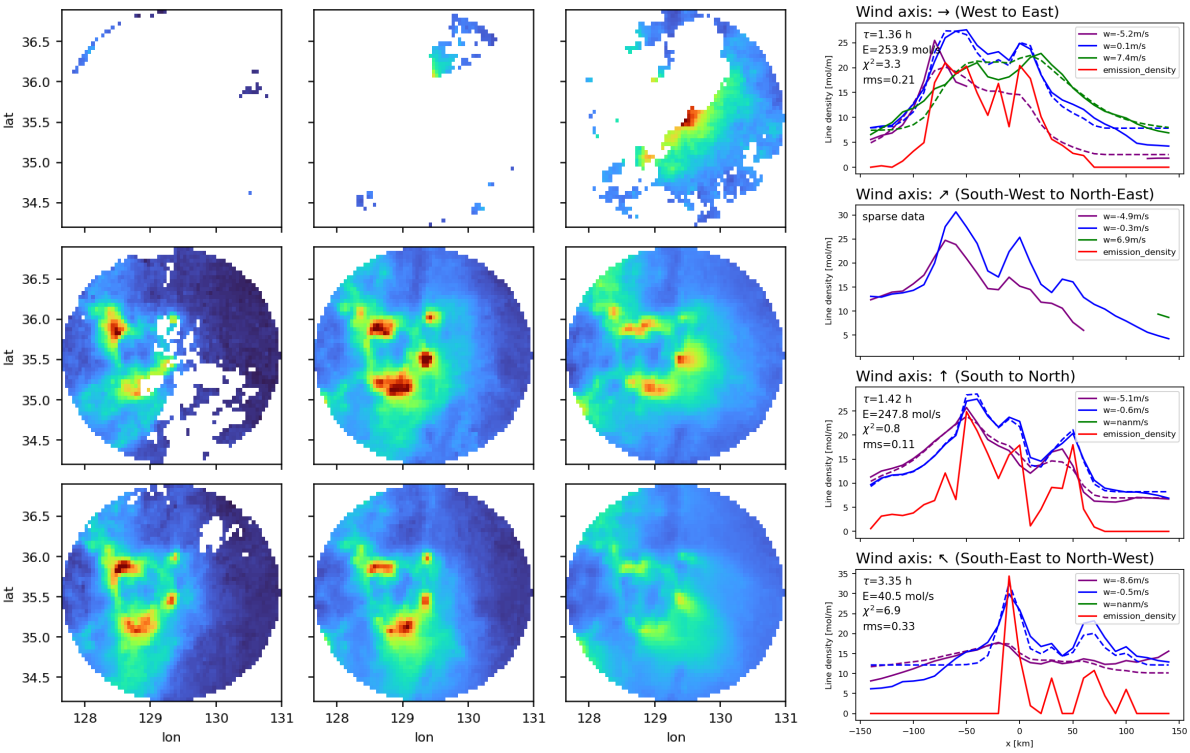
85.4 Autumn



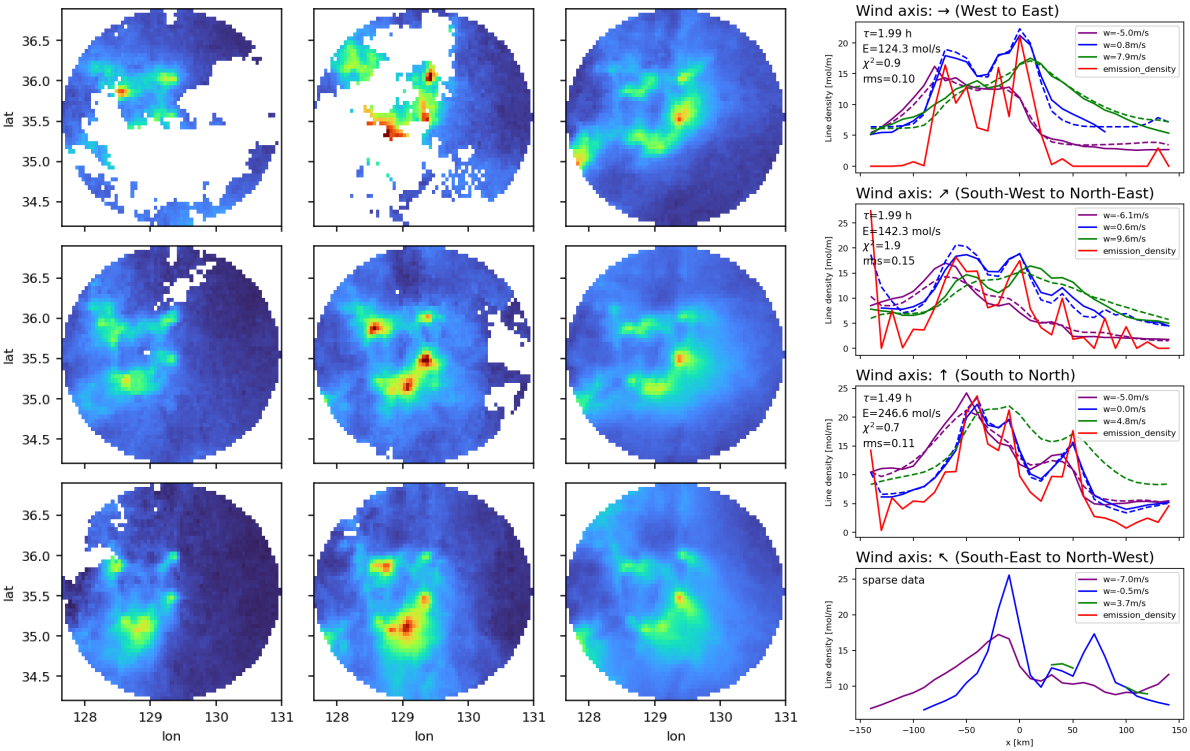


86 Ulsan

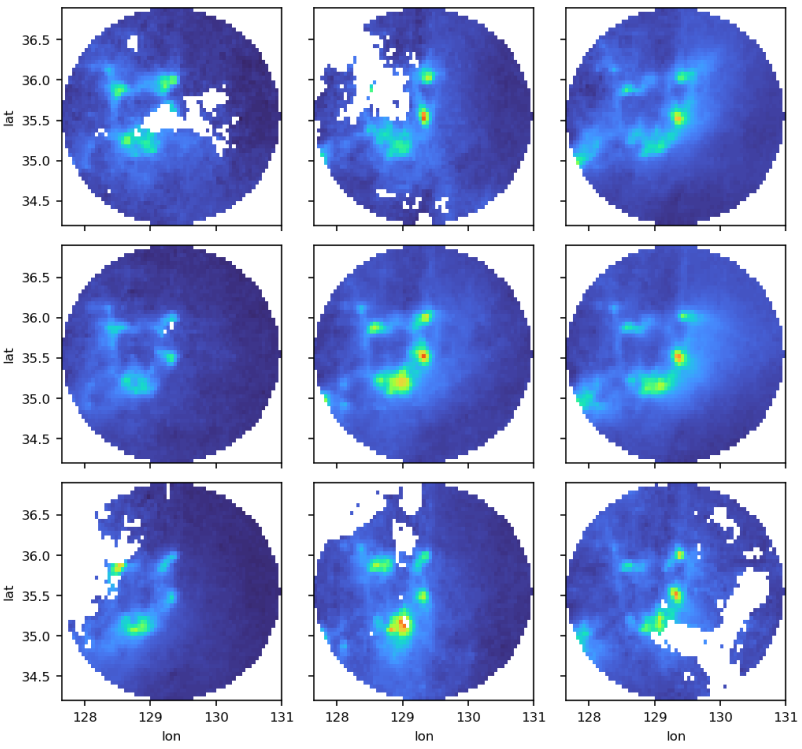
86.1 Winter

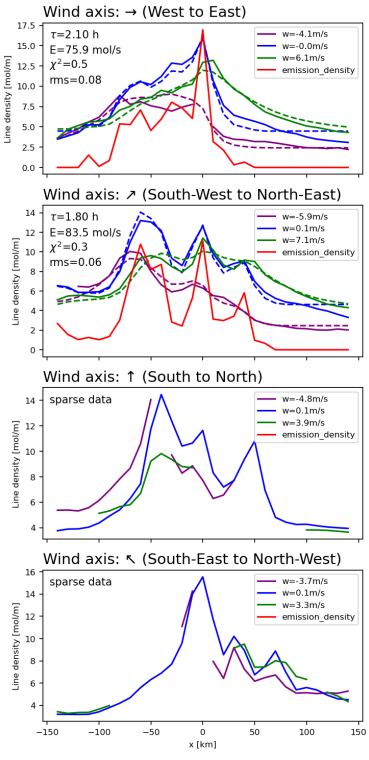


86.2 Spring

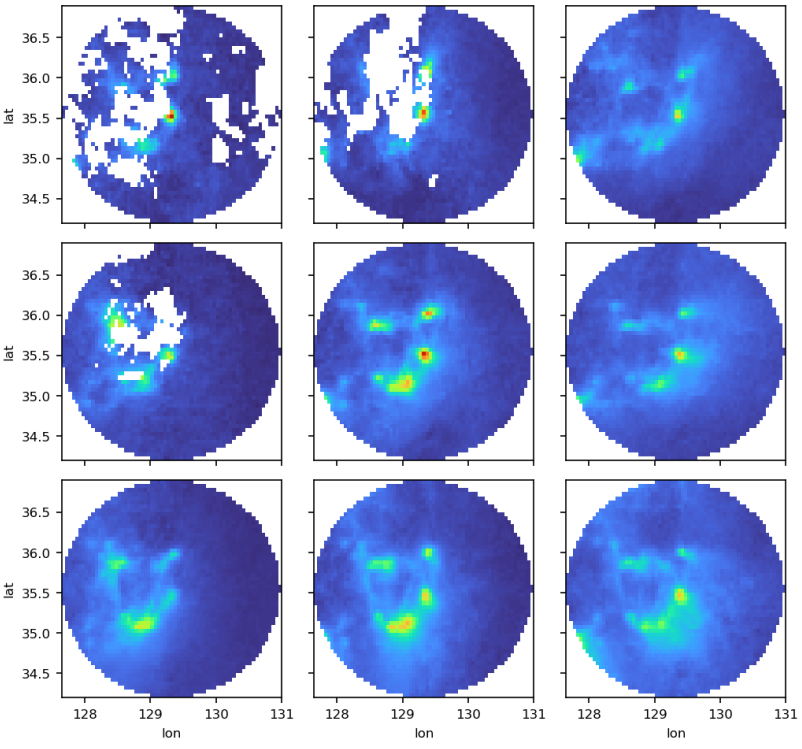


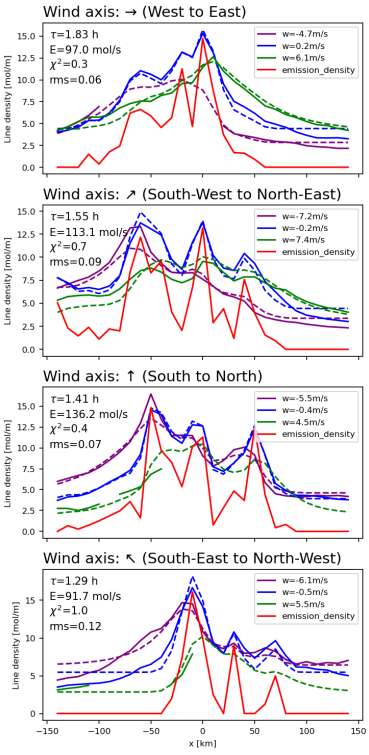
86.3 Summer





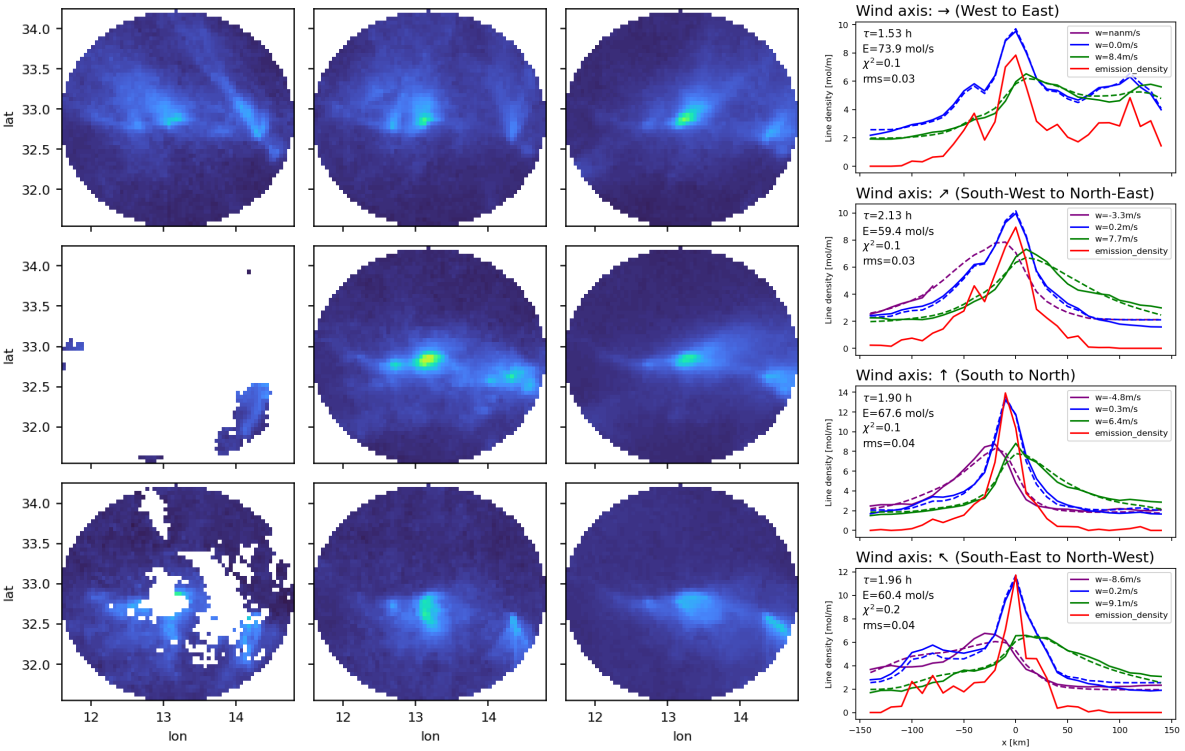
86.4 Autumn



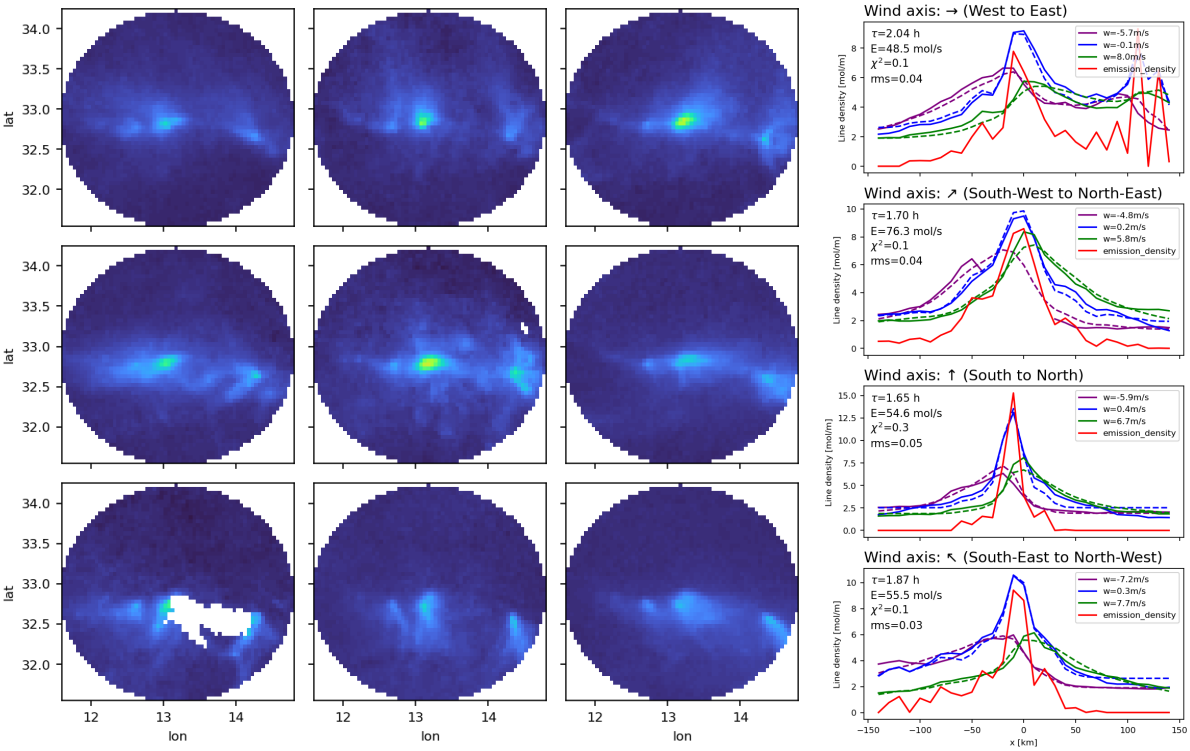


87 Tripoli

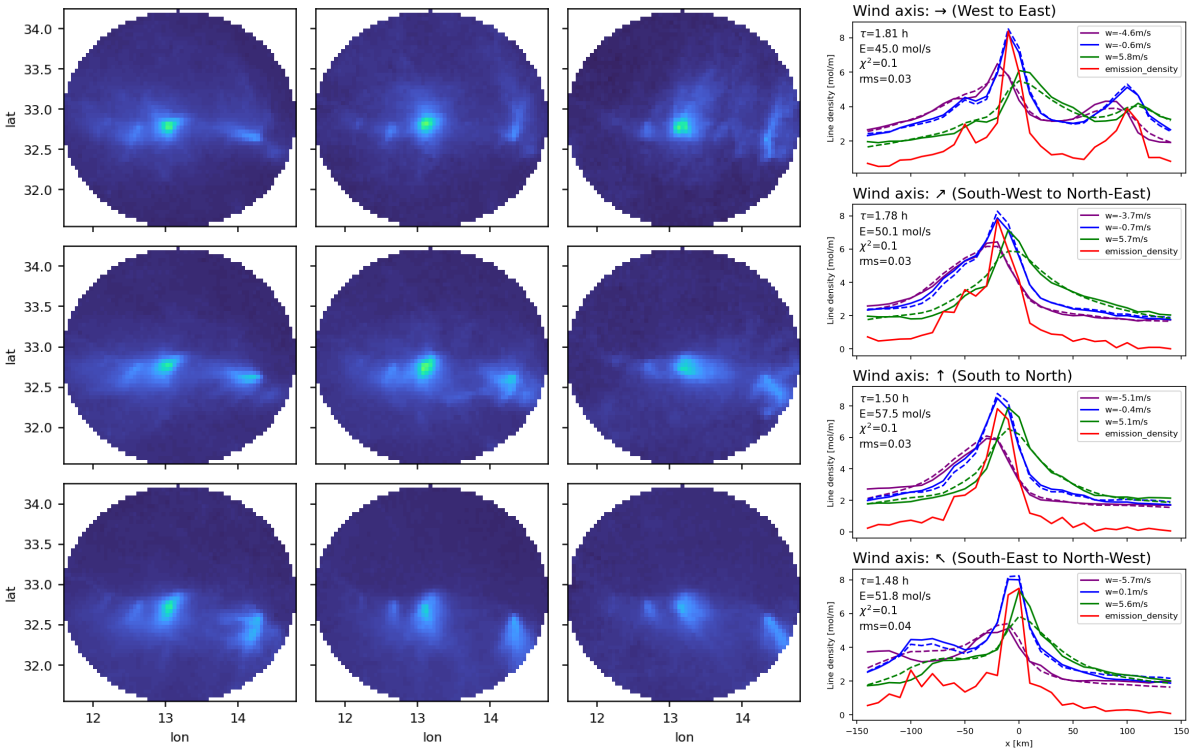
87.1 Winter



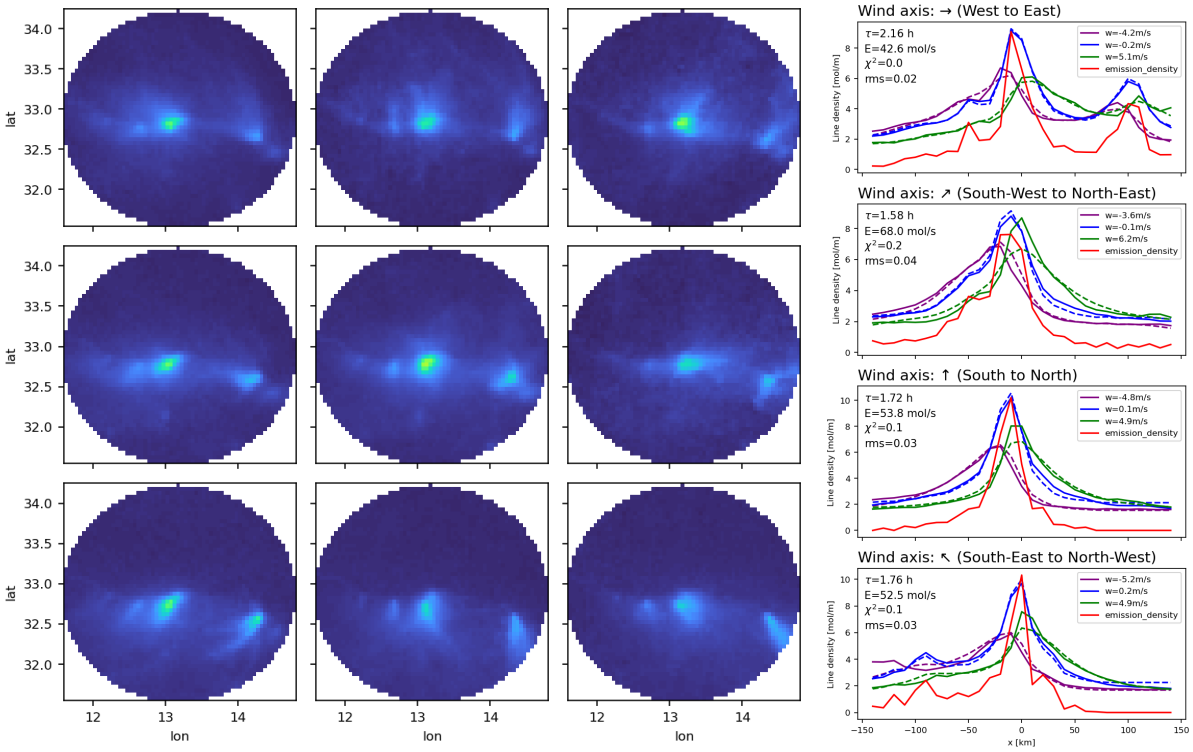
87.2 Spring



87.3 Summer

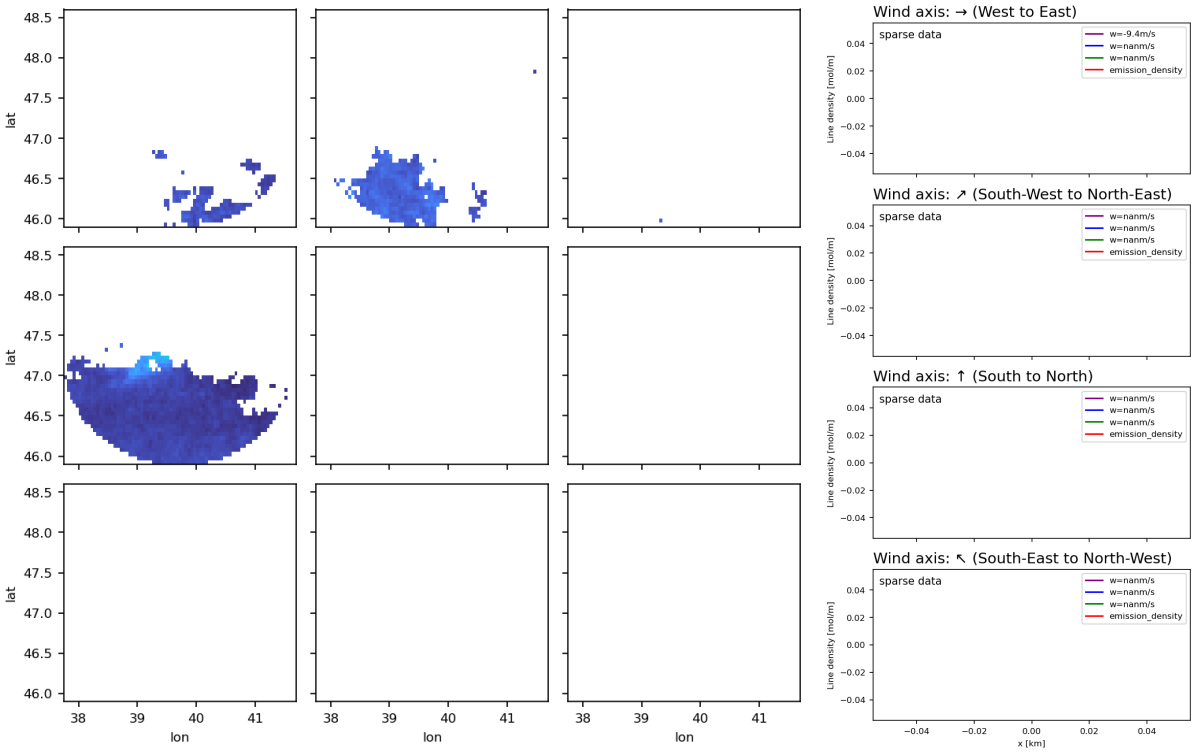


87.4 Autumn

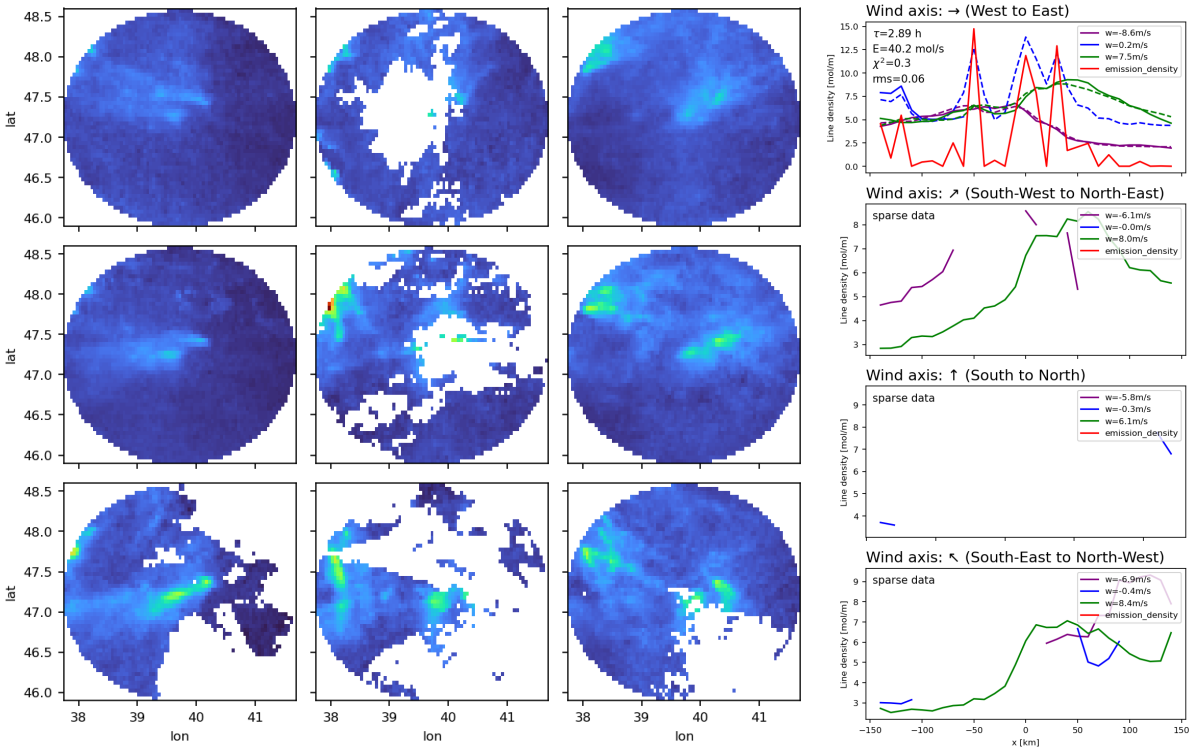


88 Rostov

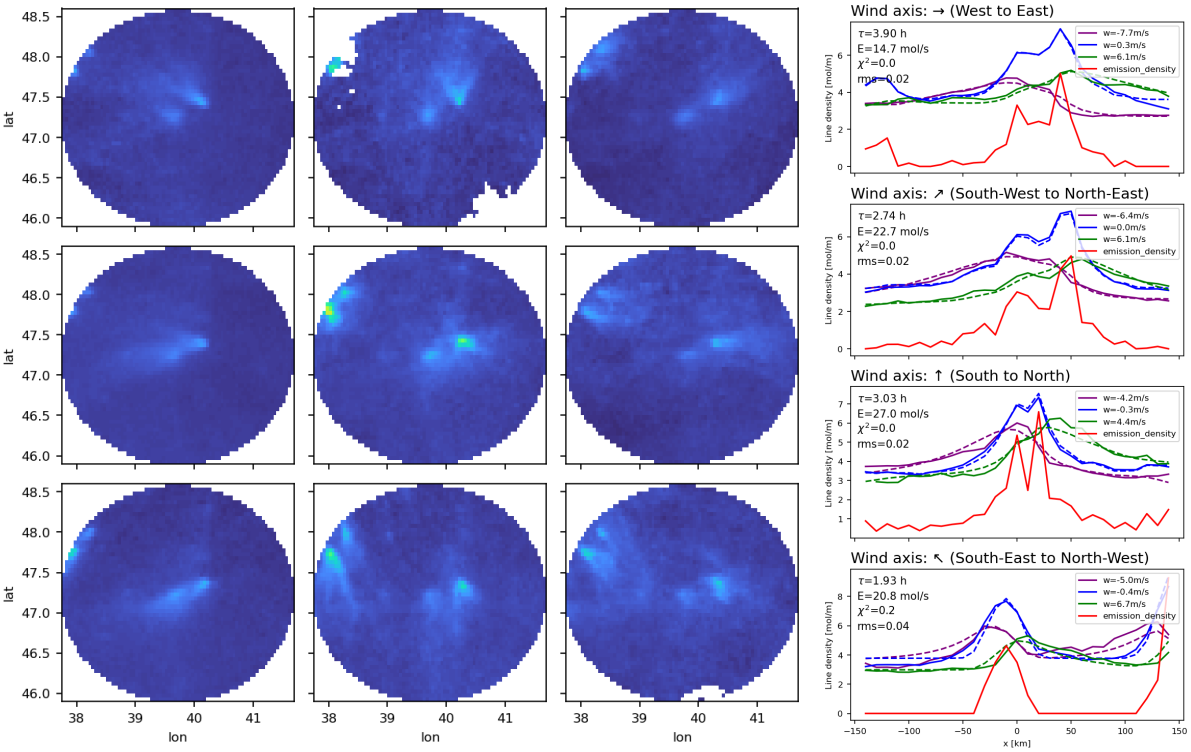
88.1 Winter



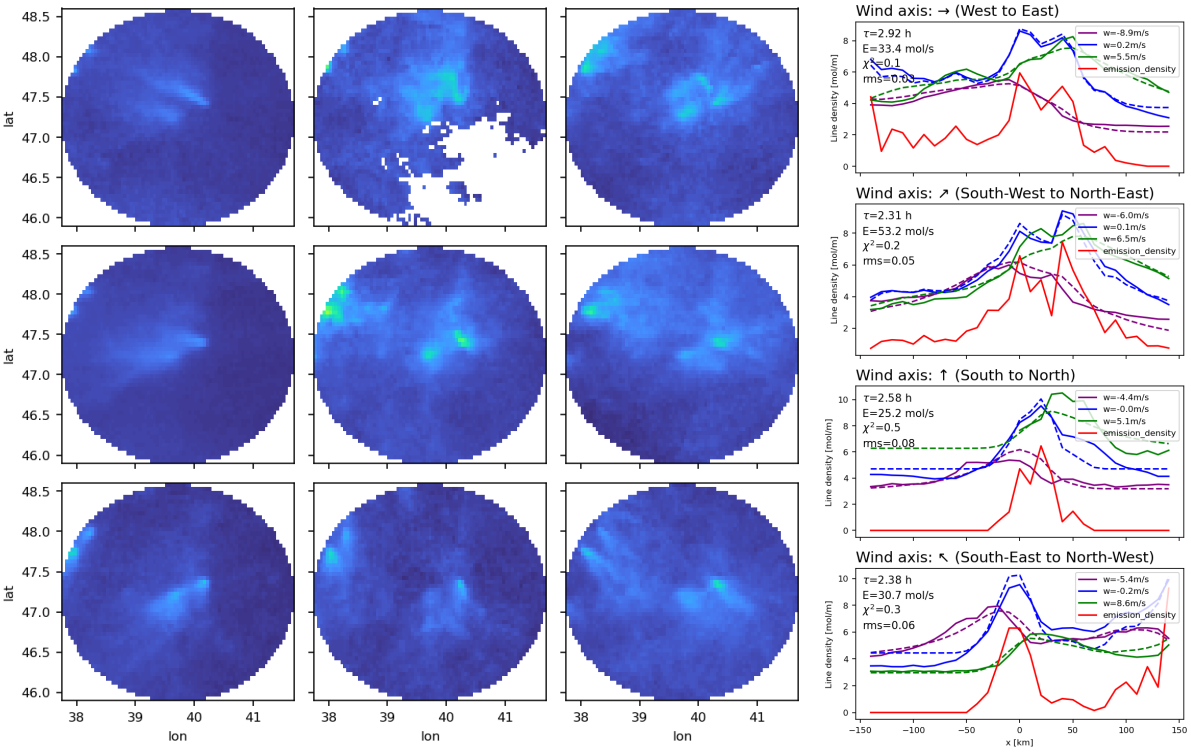
88.2 Spring



88.3 Summer

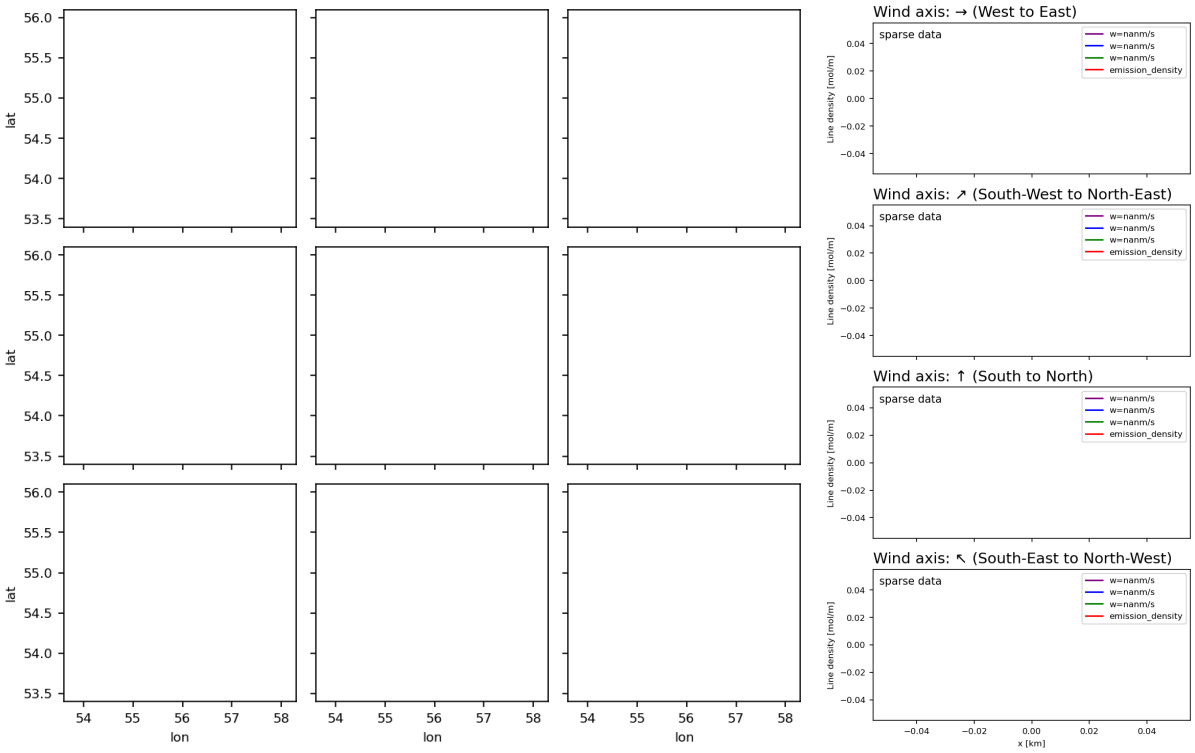


88.4 Autumn

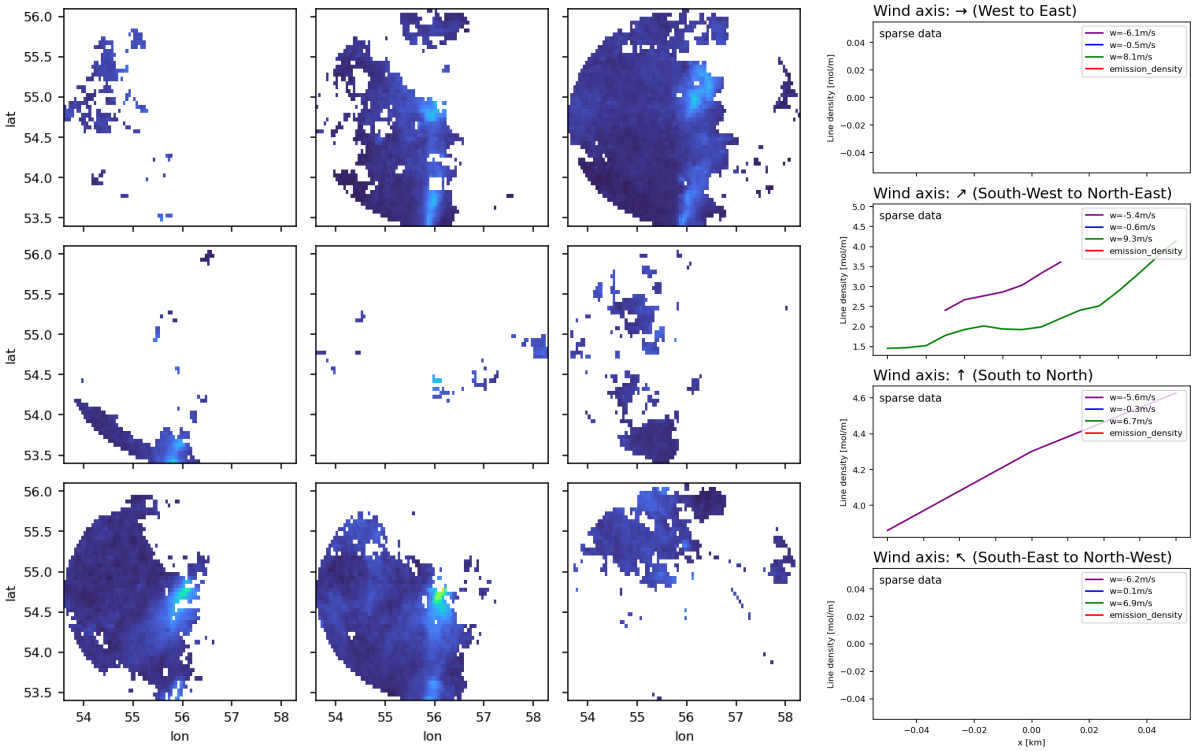


89 Ufa

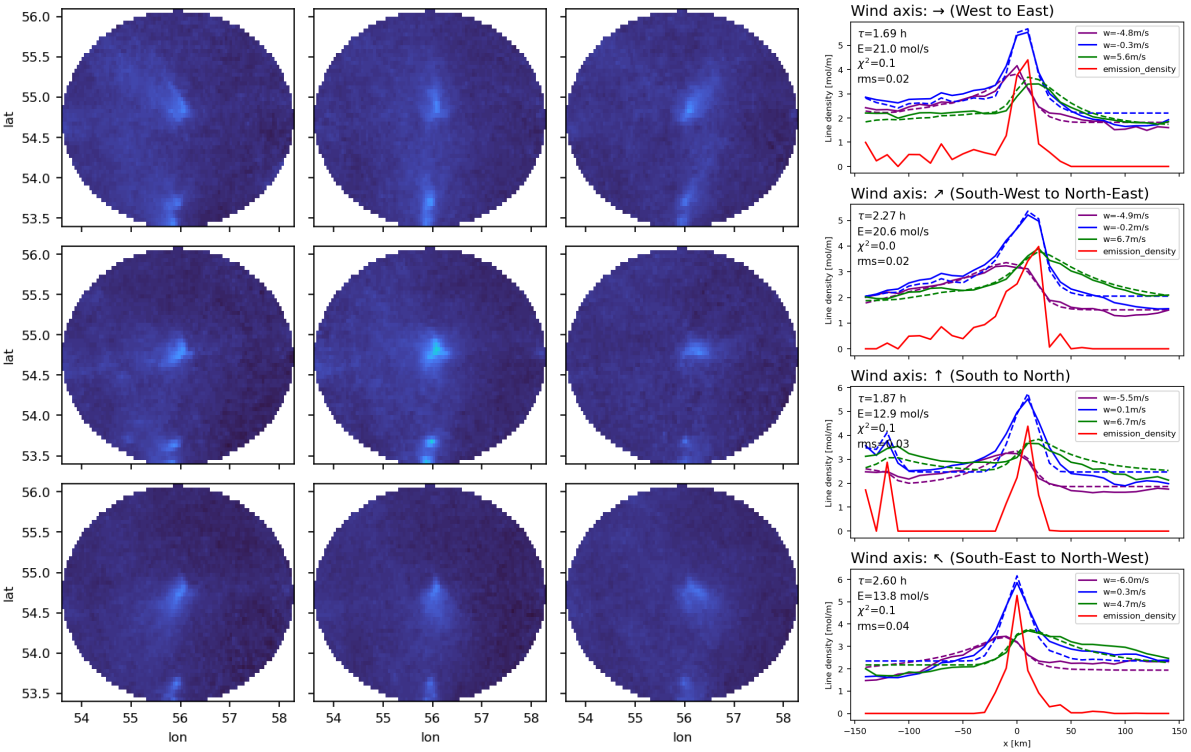
89.1 Winter



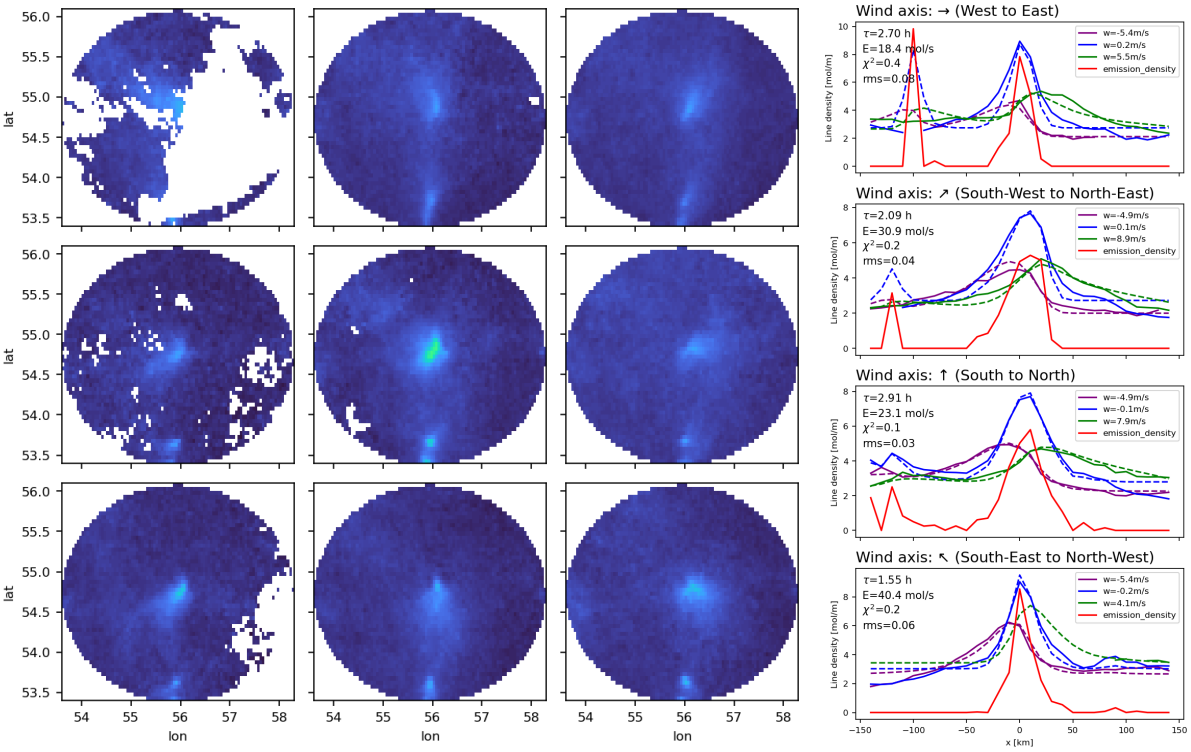
89.2 Spring



89.3 Summer

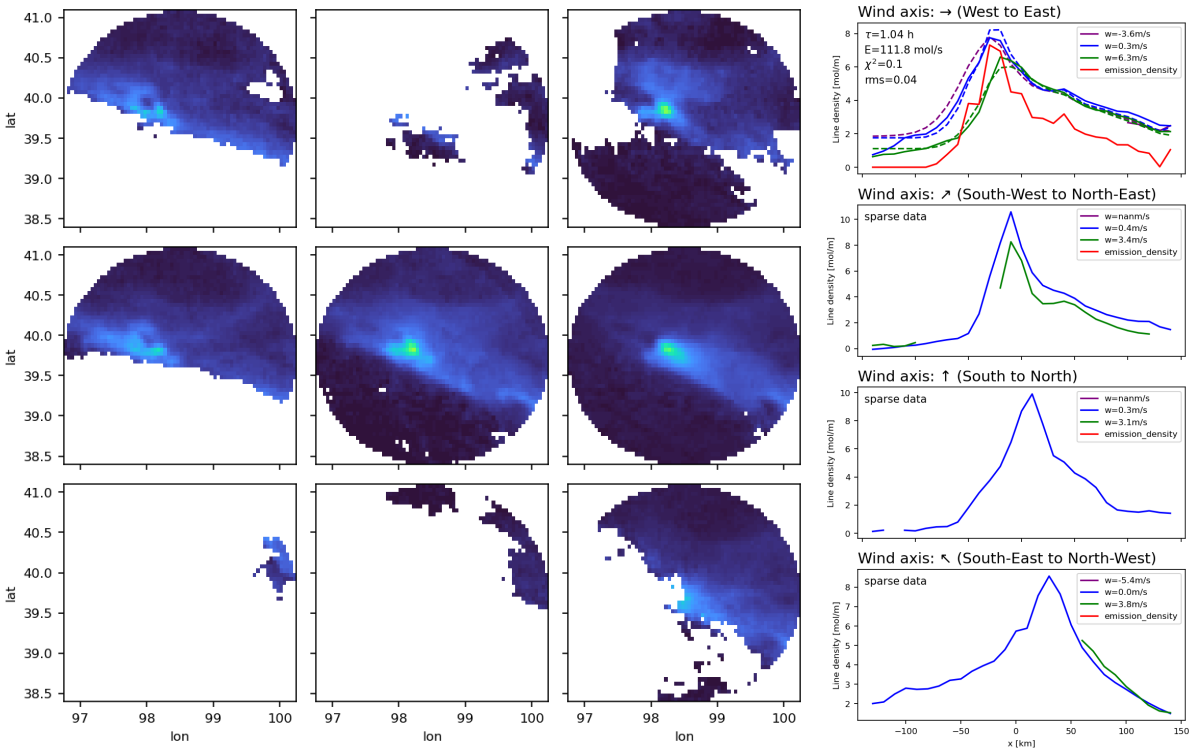


89.4 Autumn

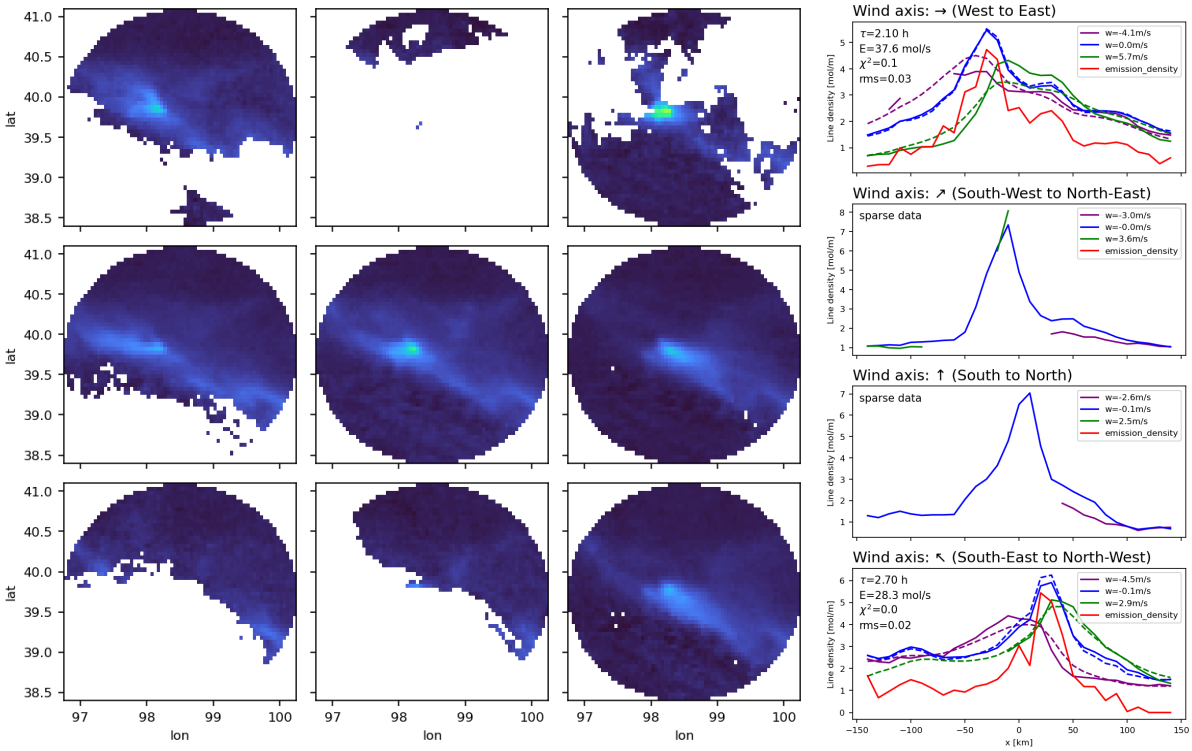


90 Xibeijie

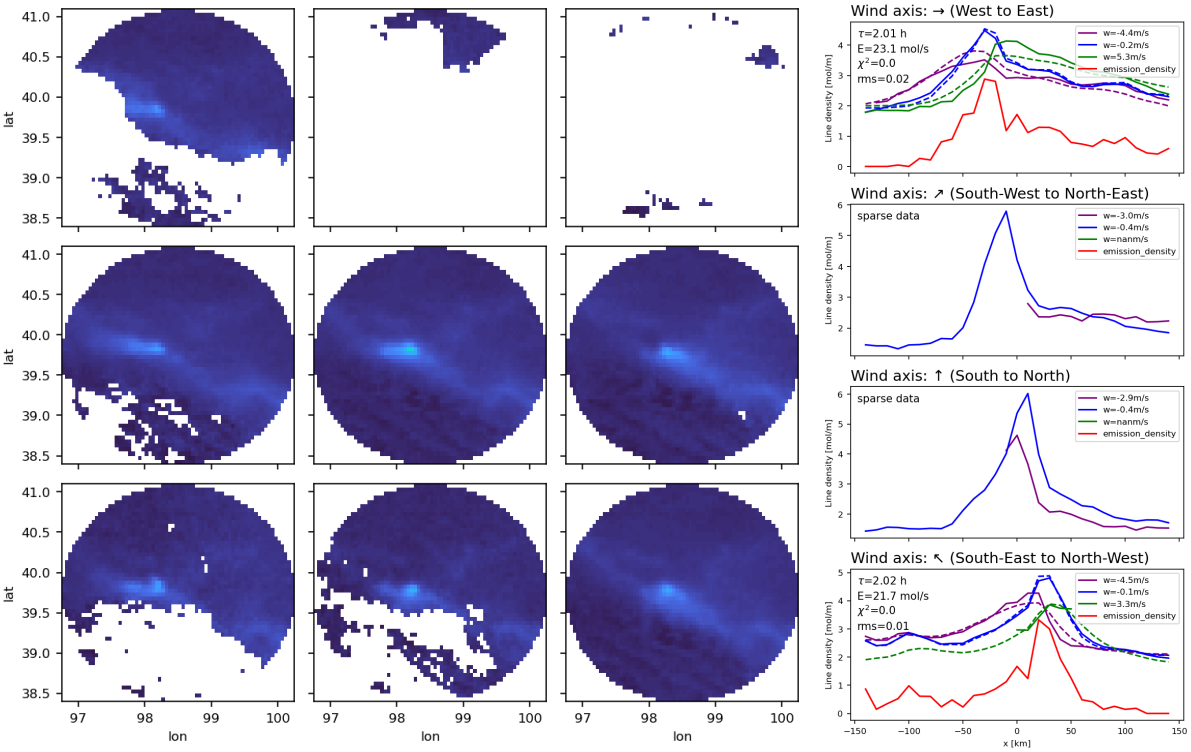
90.1 Winter



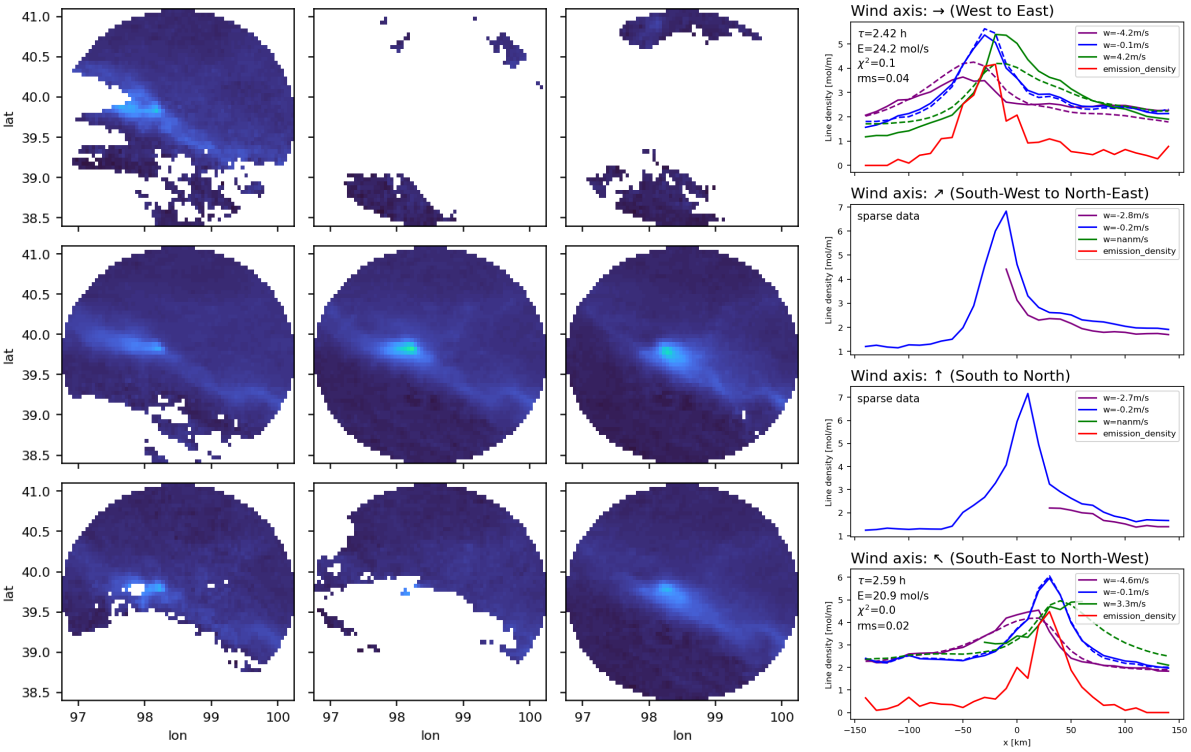
90.2 Spring



90.3 Summer

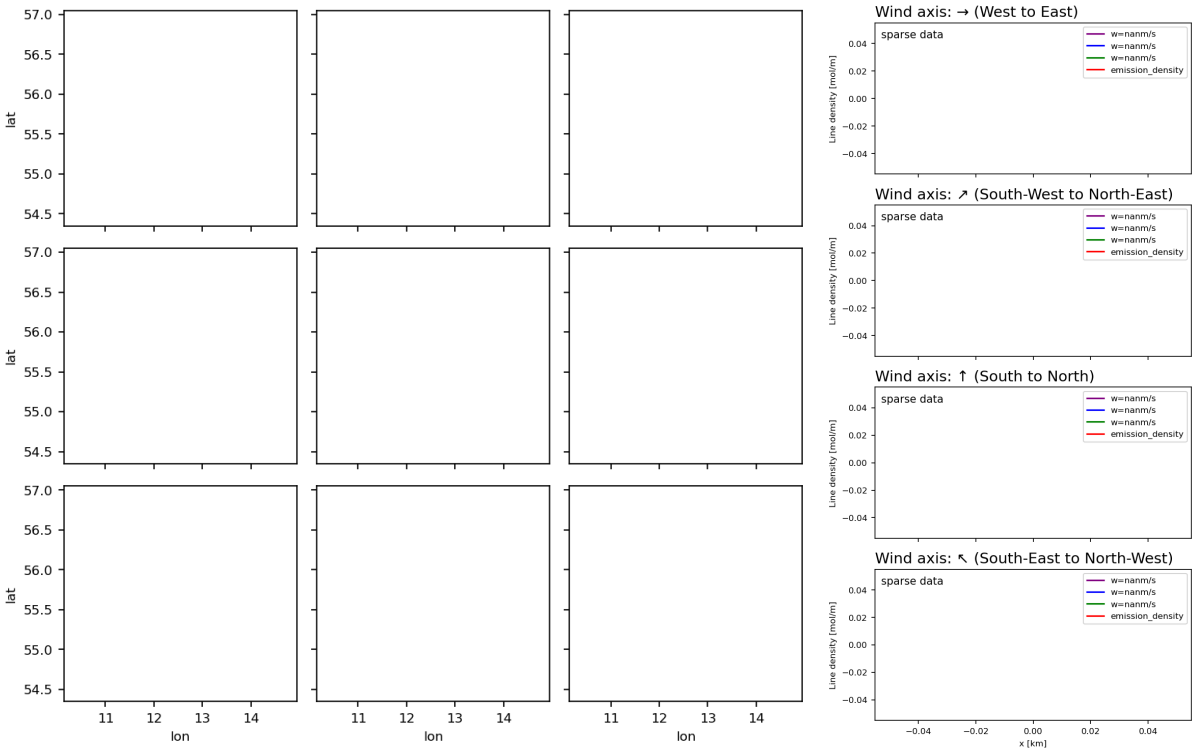


90.4 Autumn

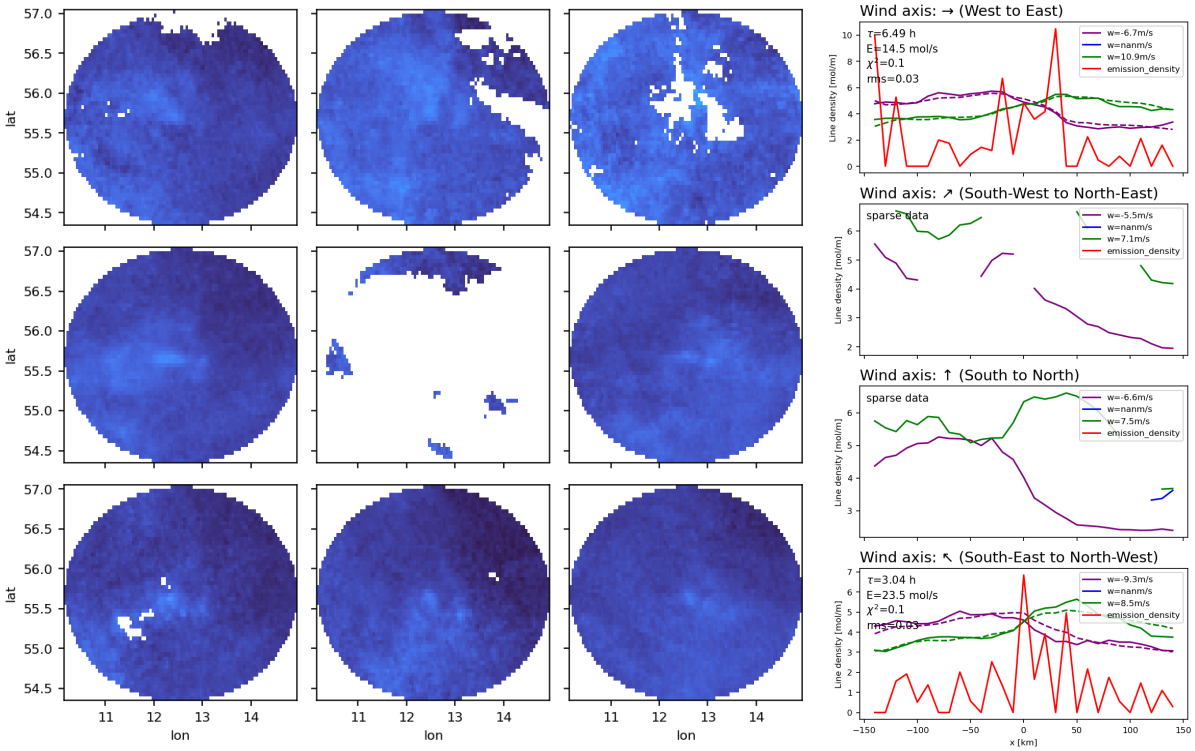


91 Copenhagen

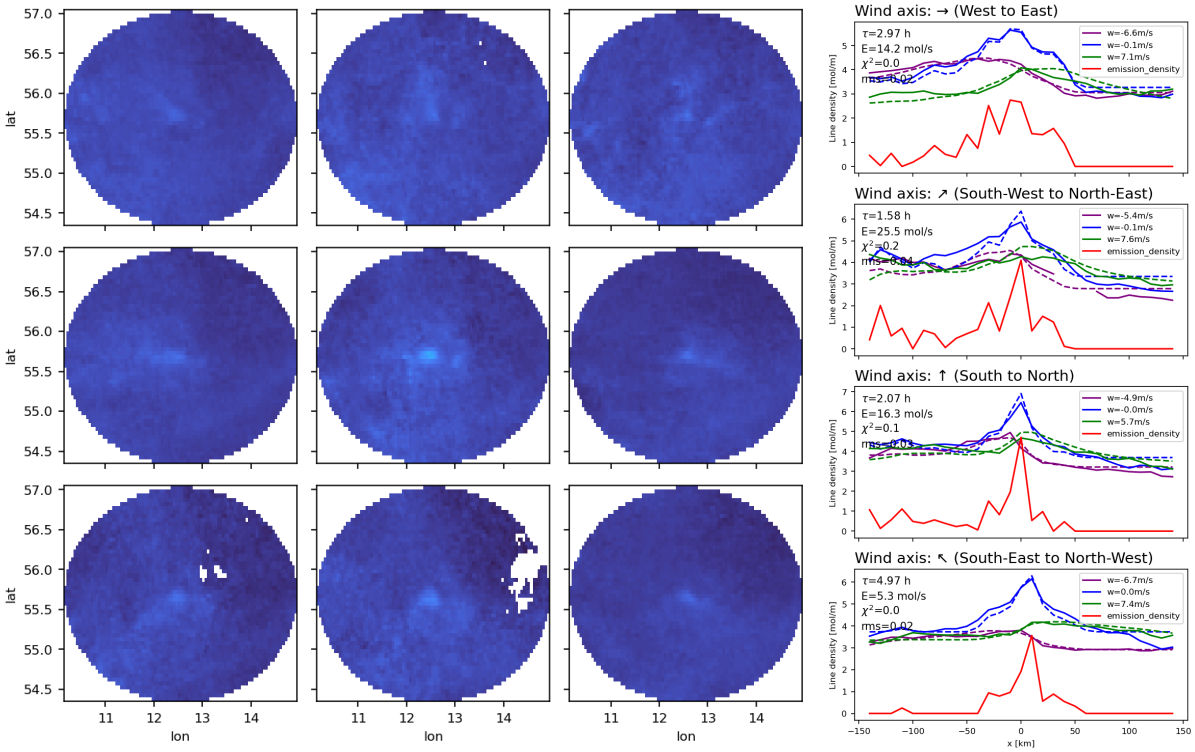
91.1 Winter



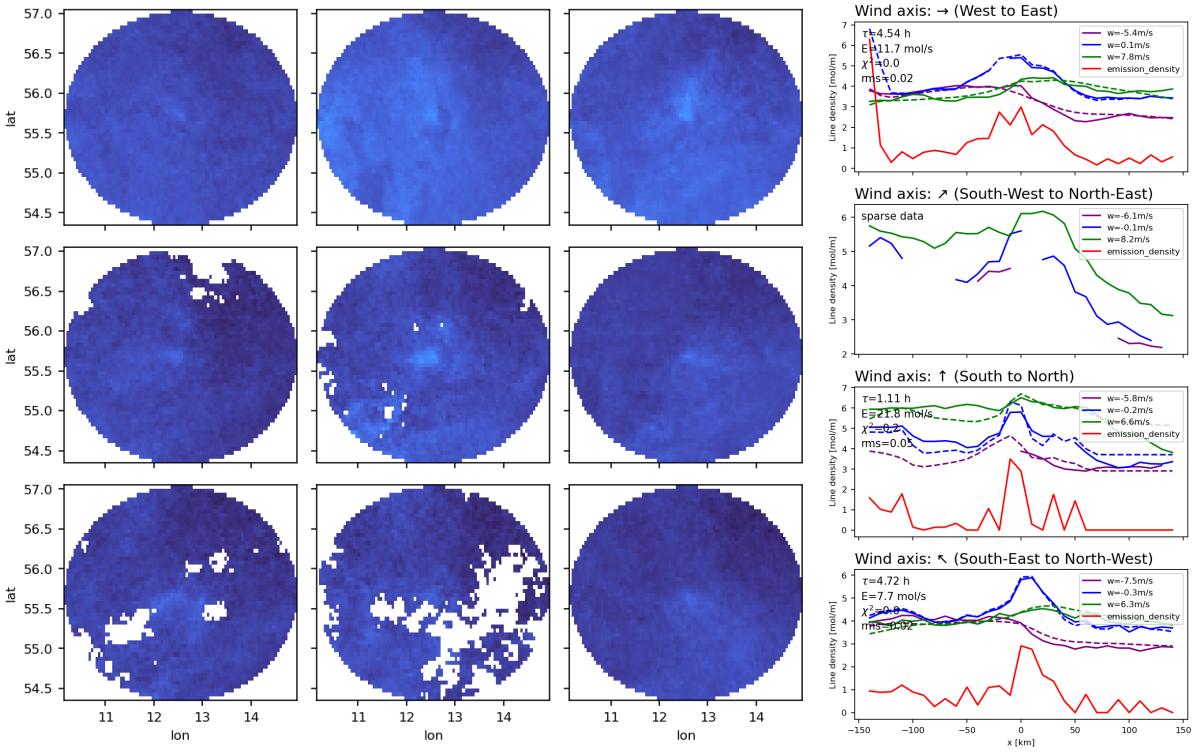
91.2 Spring



91.3 Summer

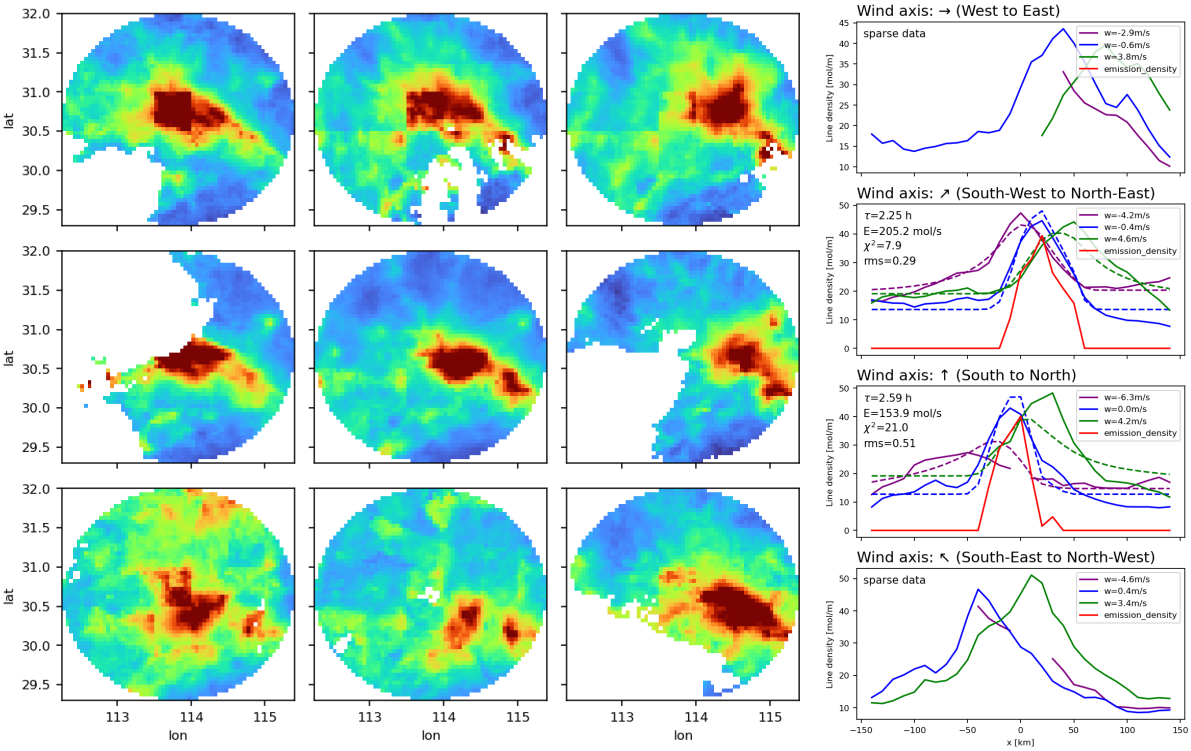


91.4 Autumn

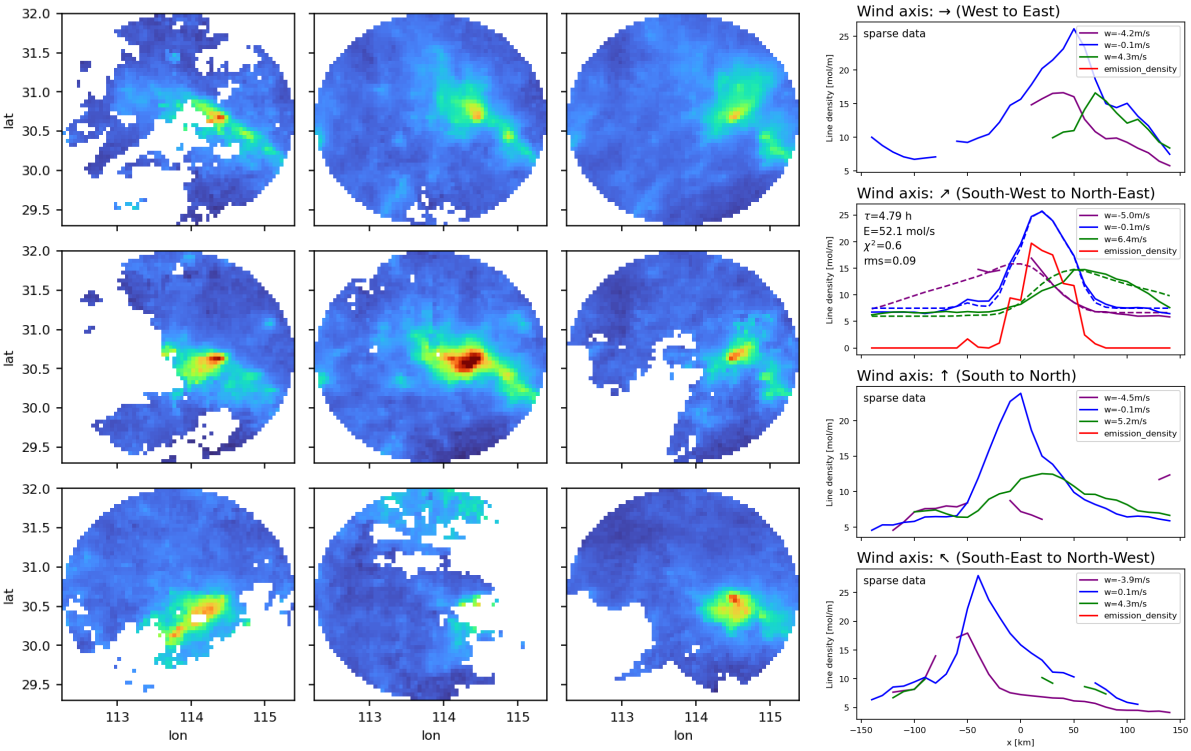


92 Hanchuan

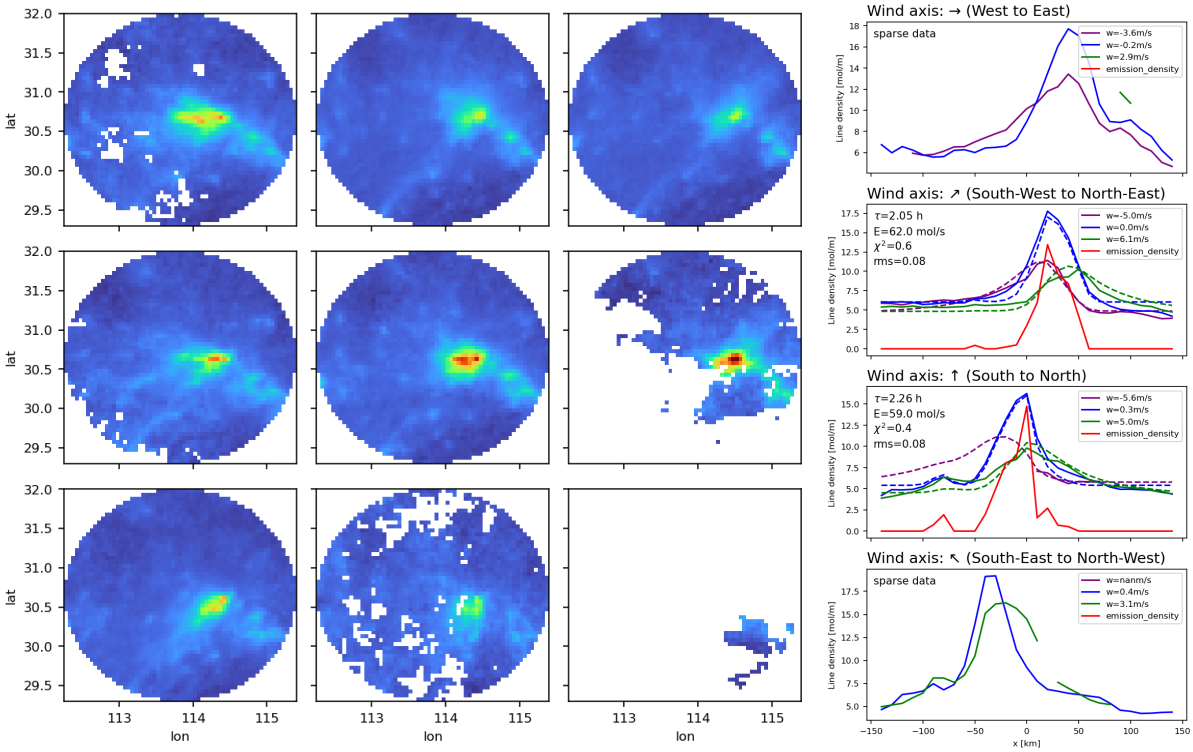
92.1 Winter



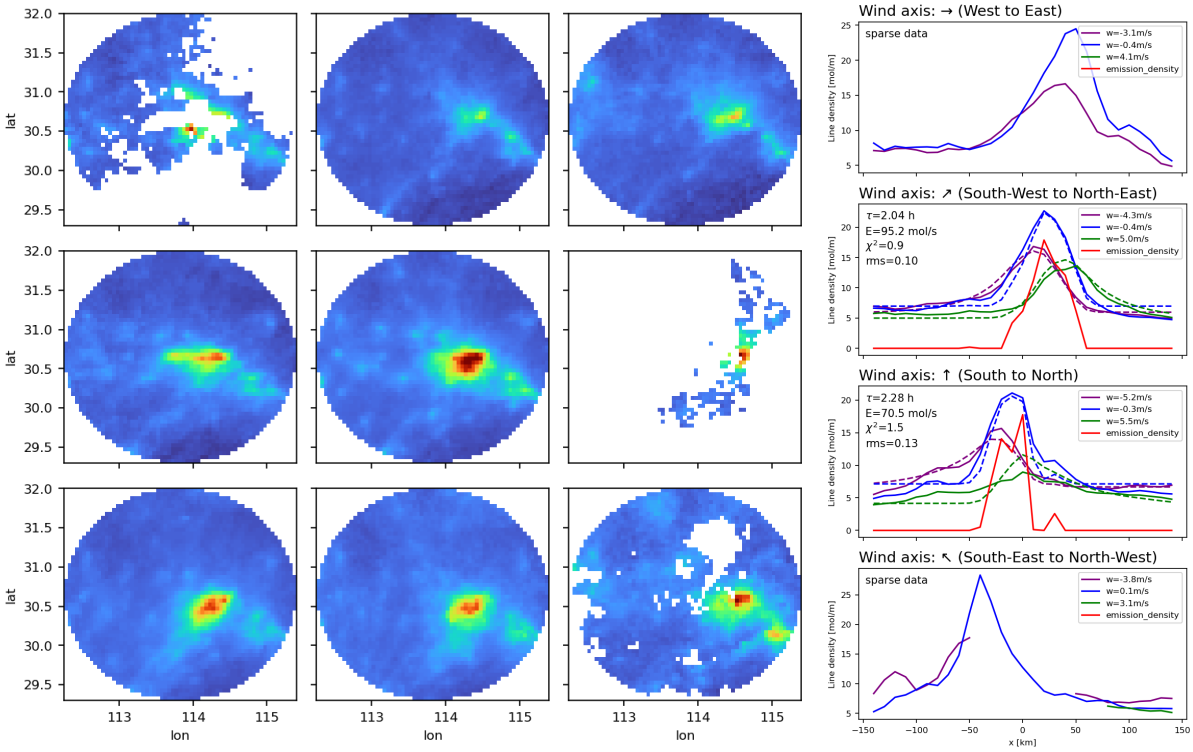
92.2 Spring



92.3 Summer

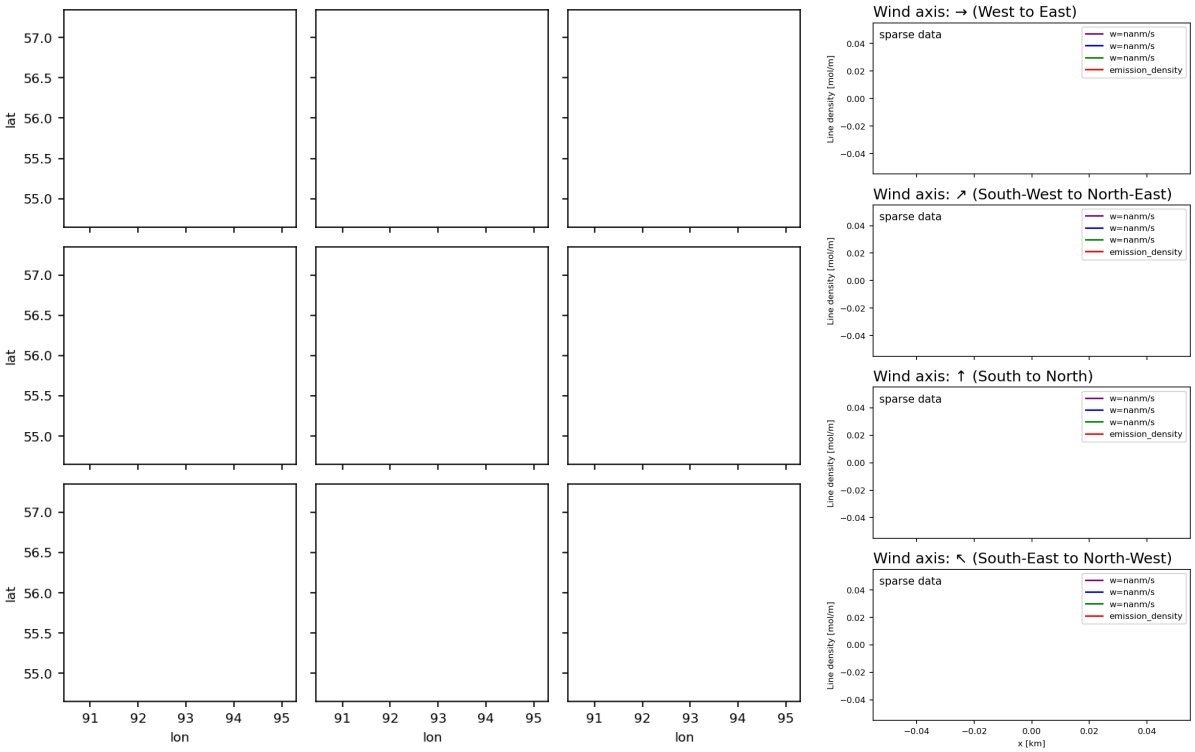


92.4 Autumn

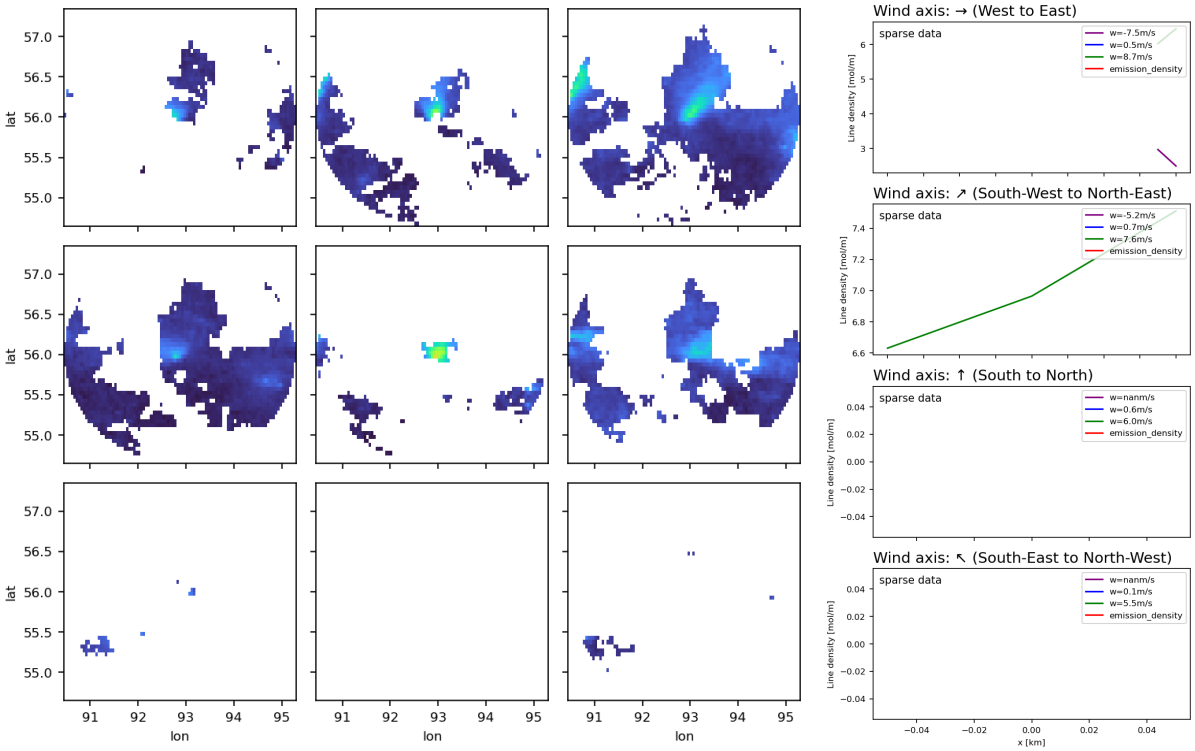


93 Krasnoyarsk

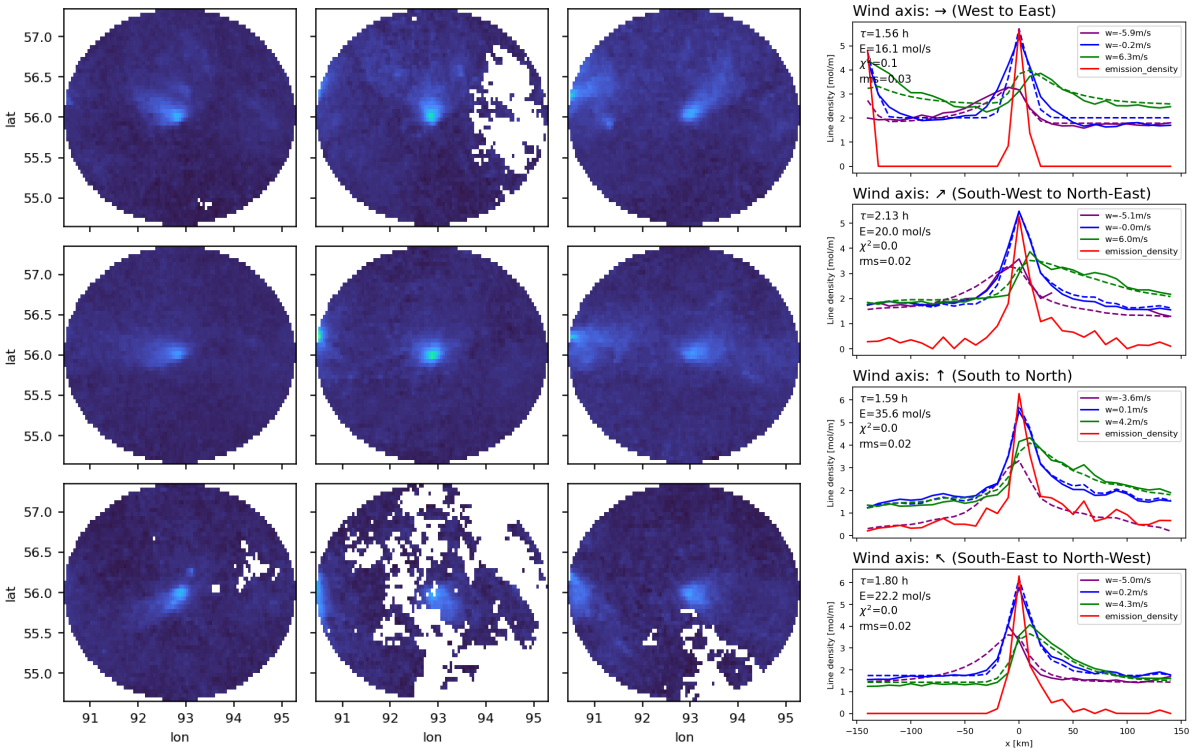
93.1 Winter



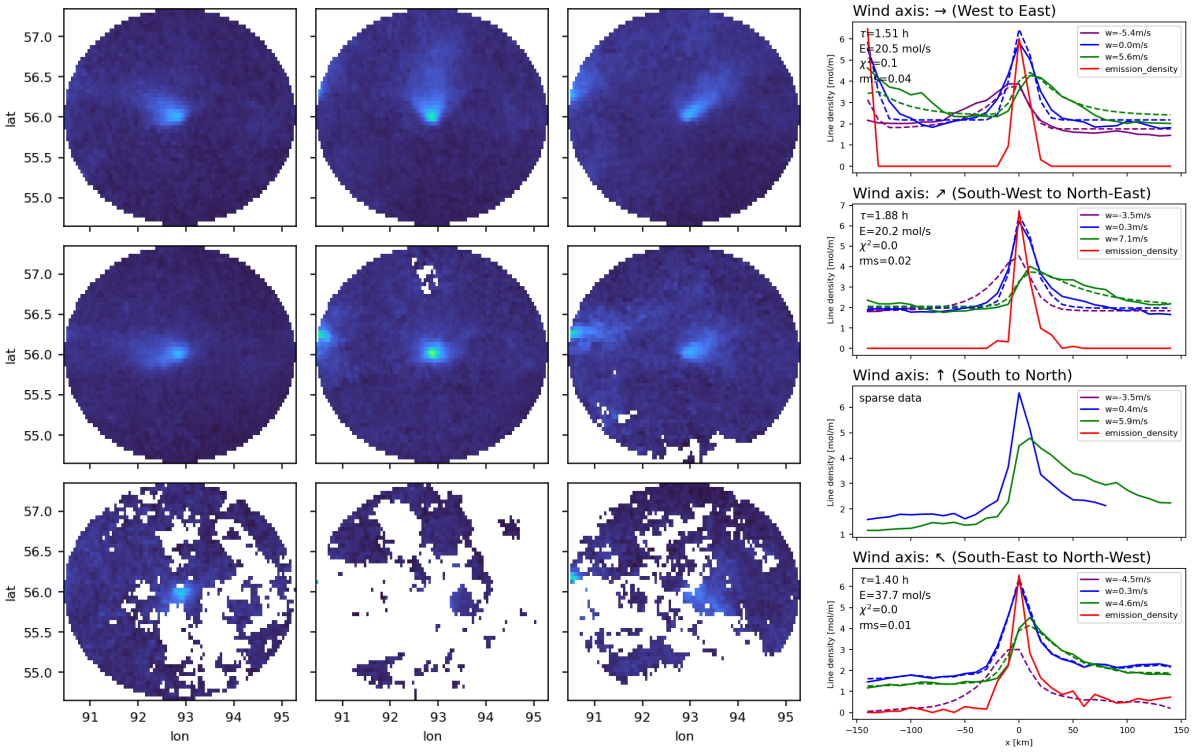
93.2 Spring



93.3 Summer

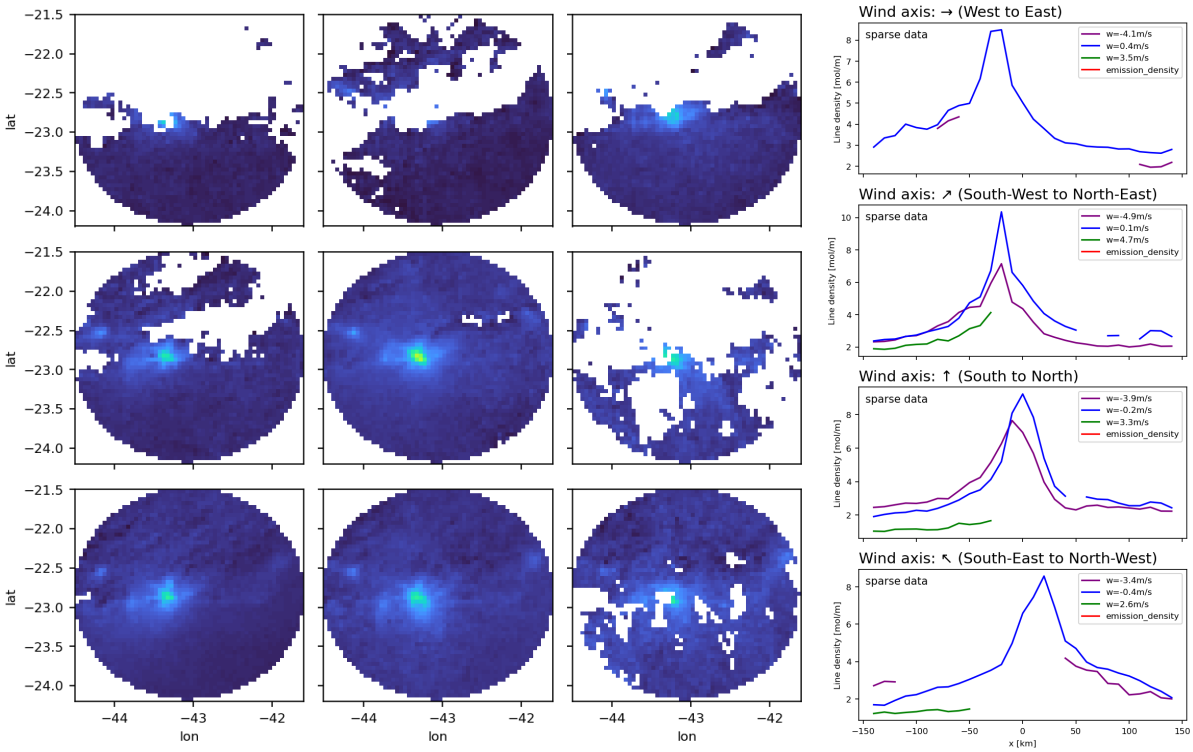


93.4 Autumn

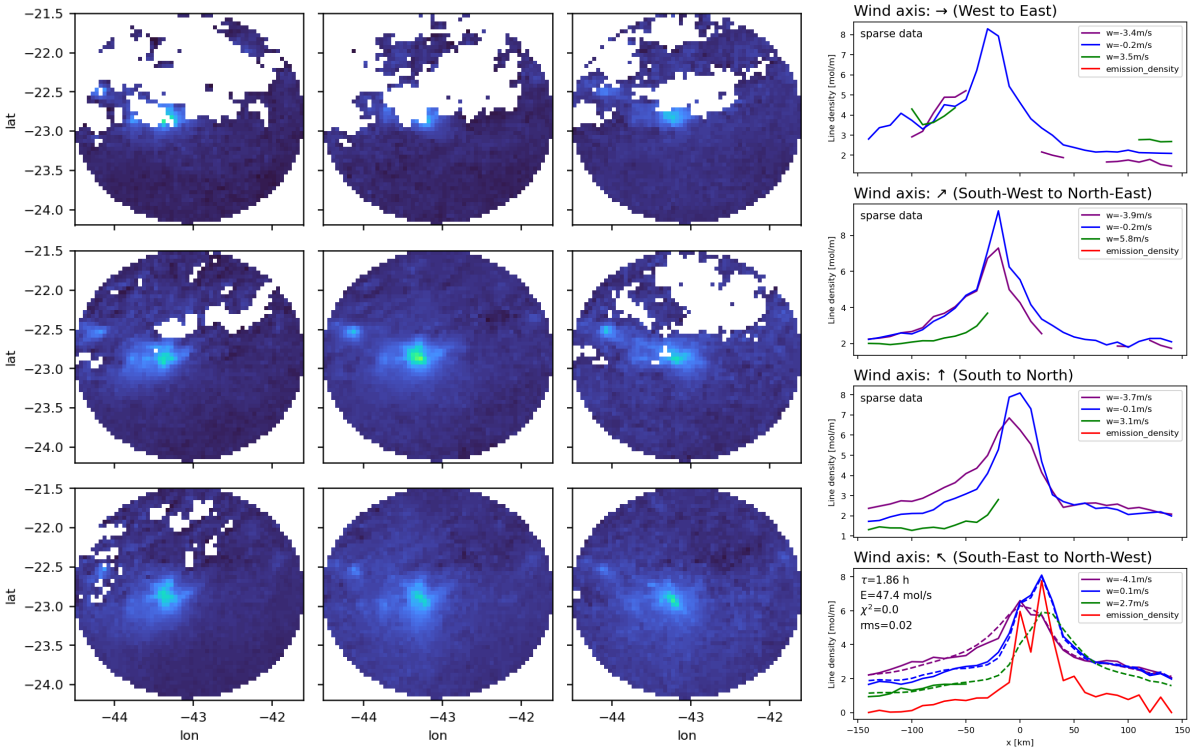


94 São Gonçalo

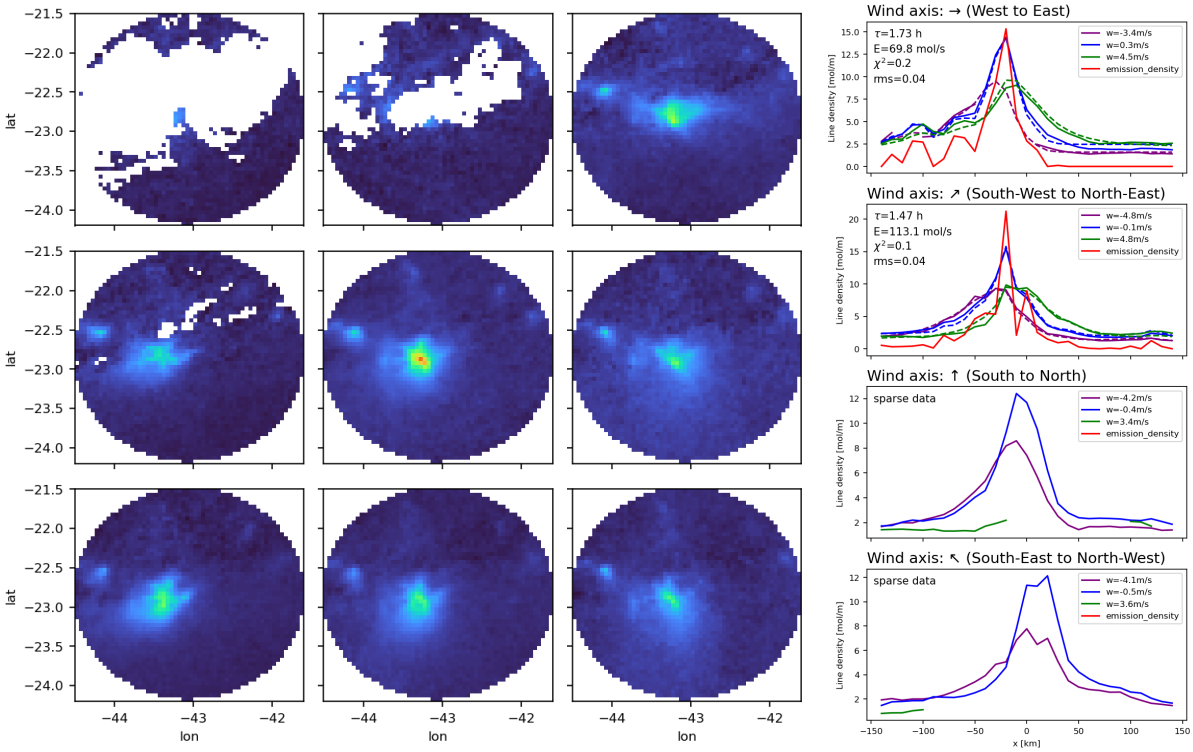
94.1 Winter



94.2 Spring



94.3 Summer



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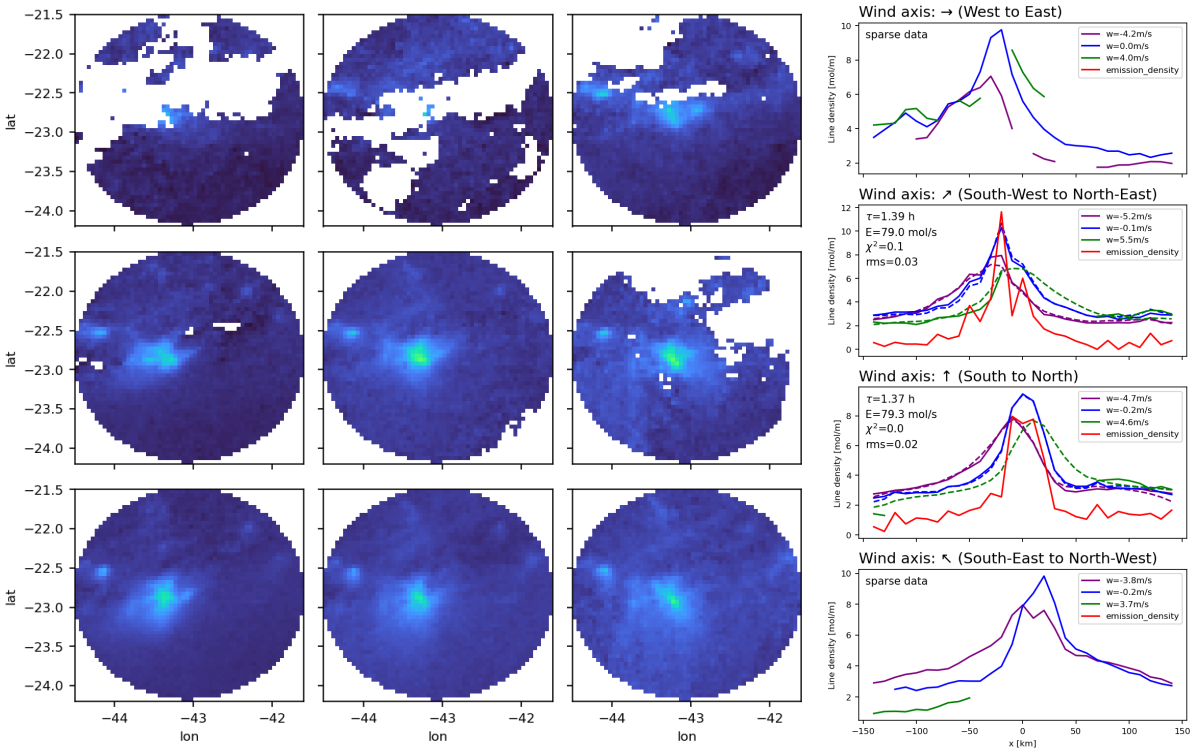
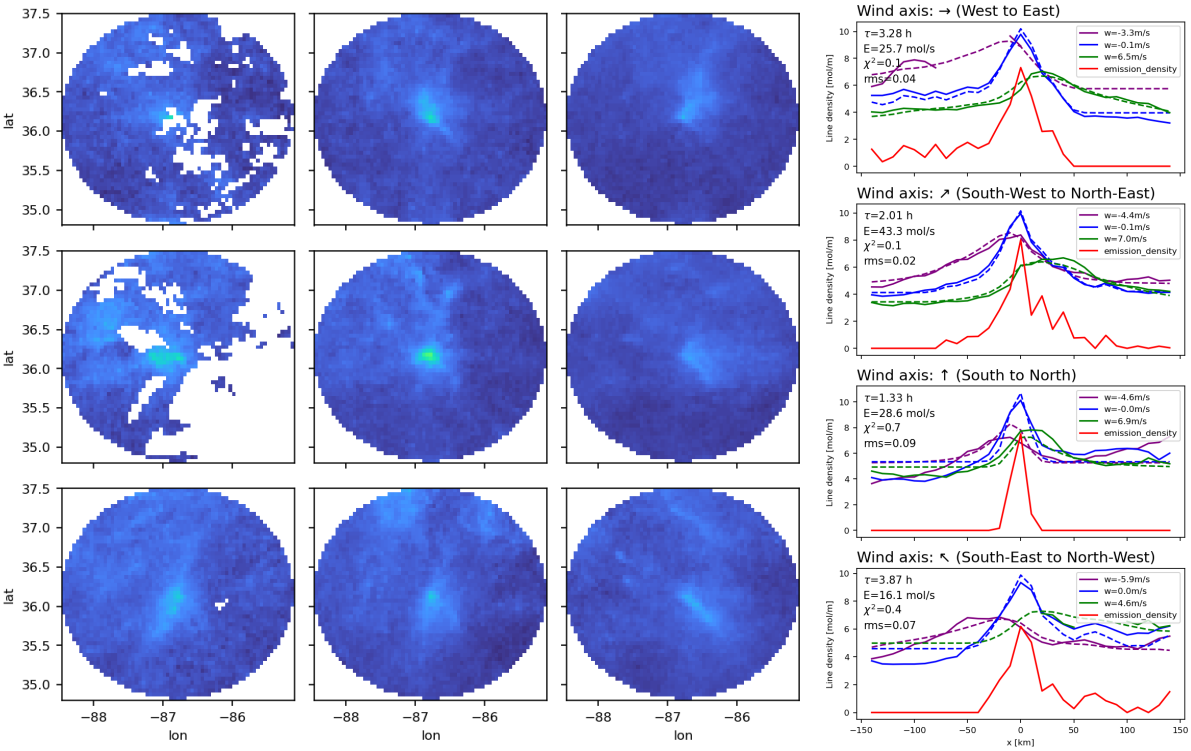
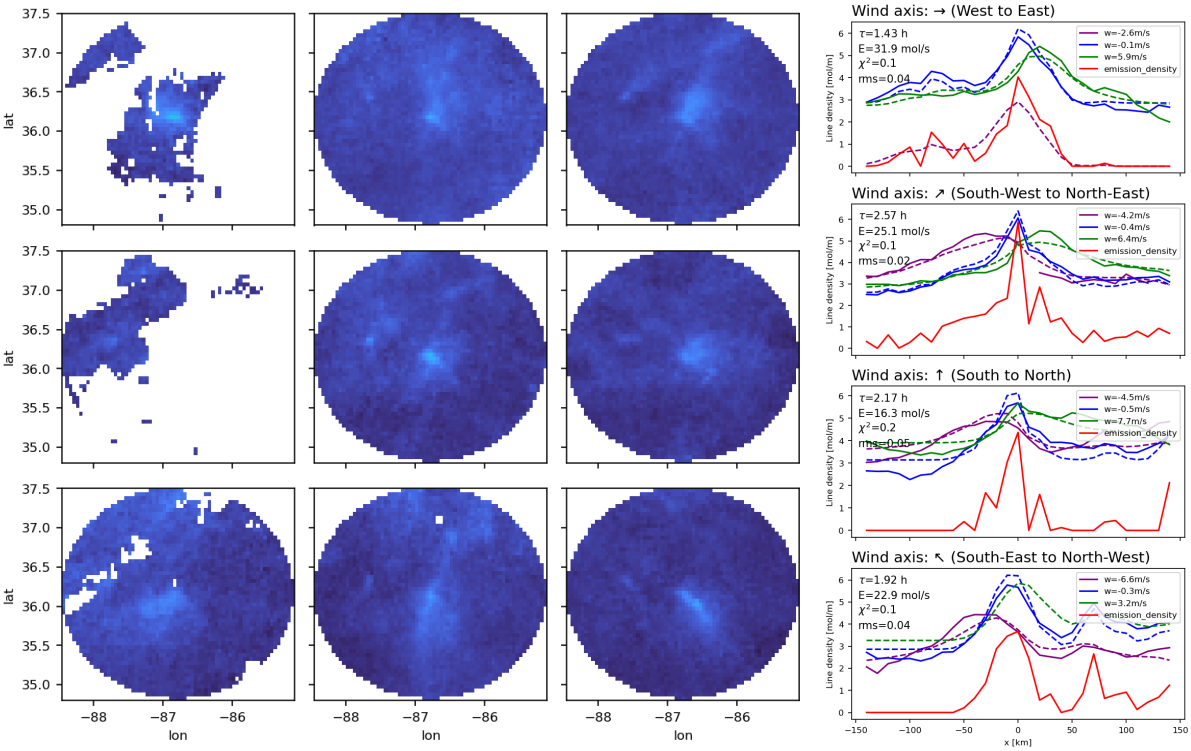


95 Nashville

95.1 Winter



95.2 Spring



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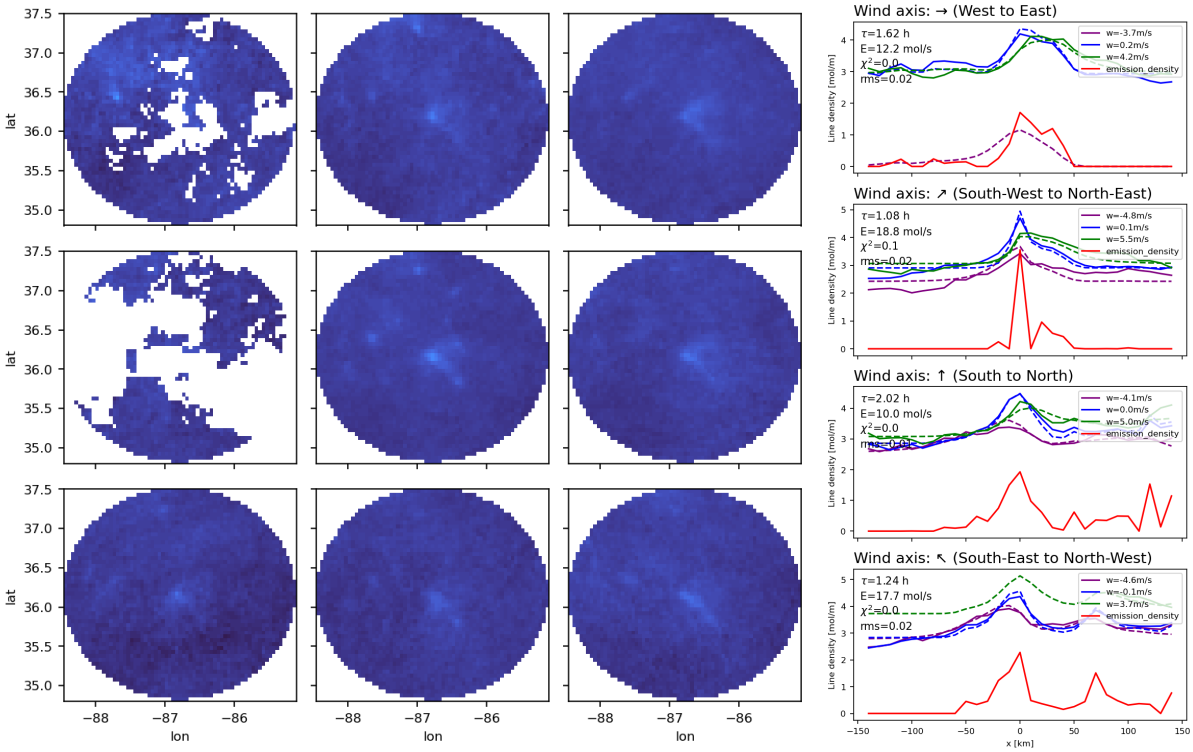

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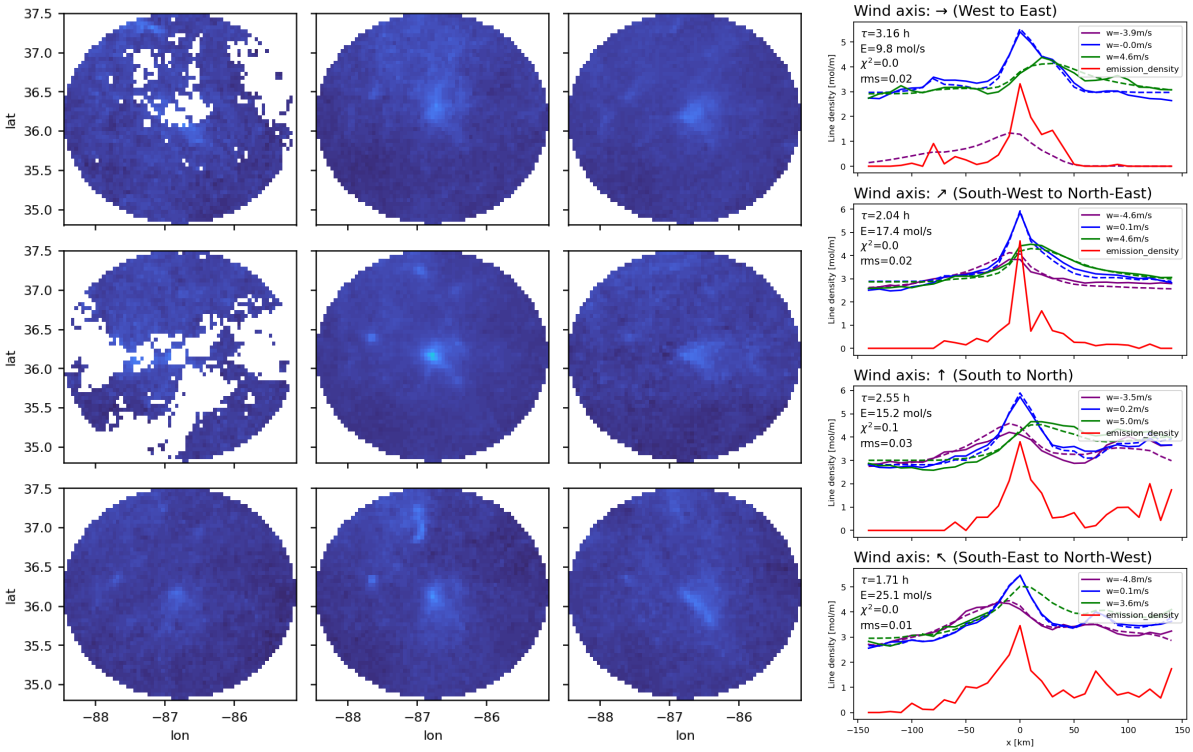
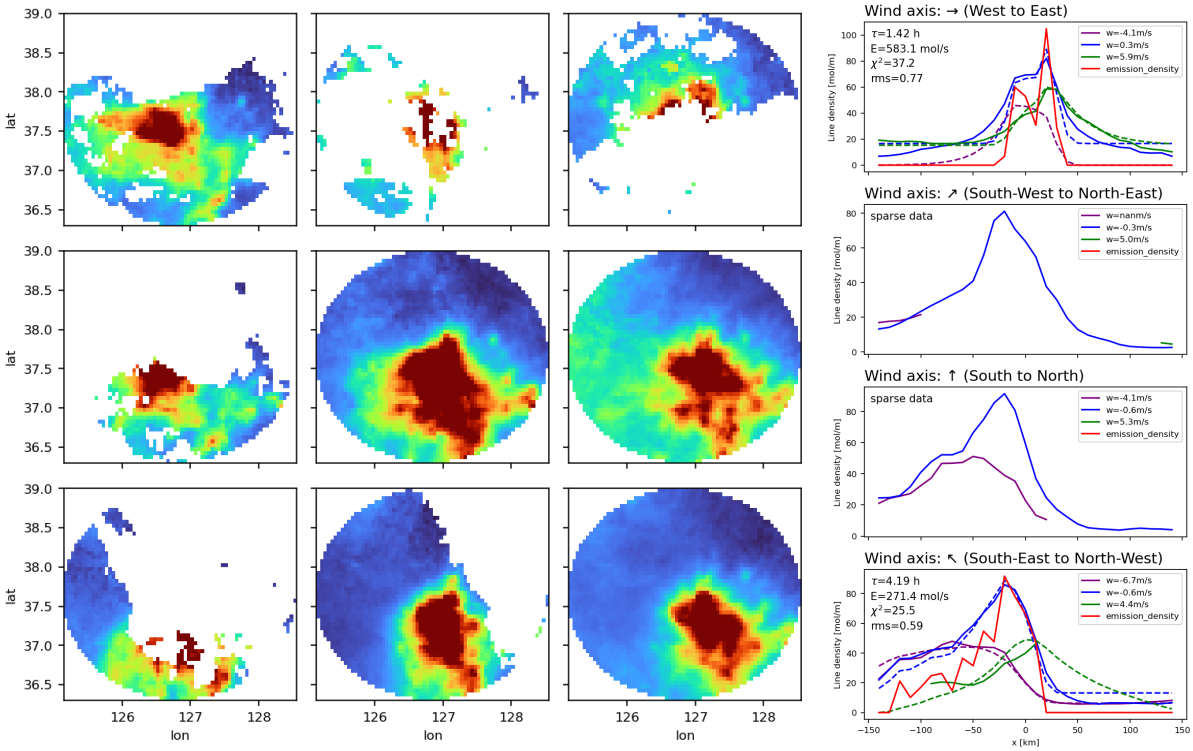
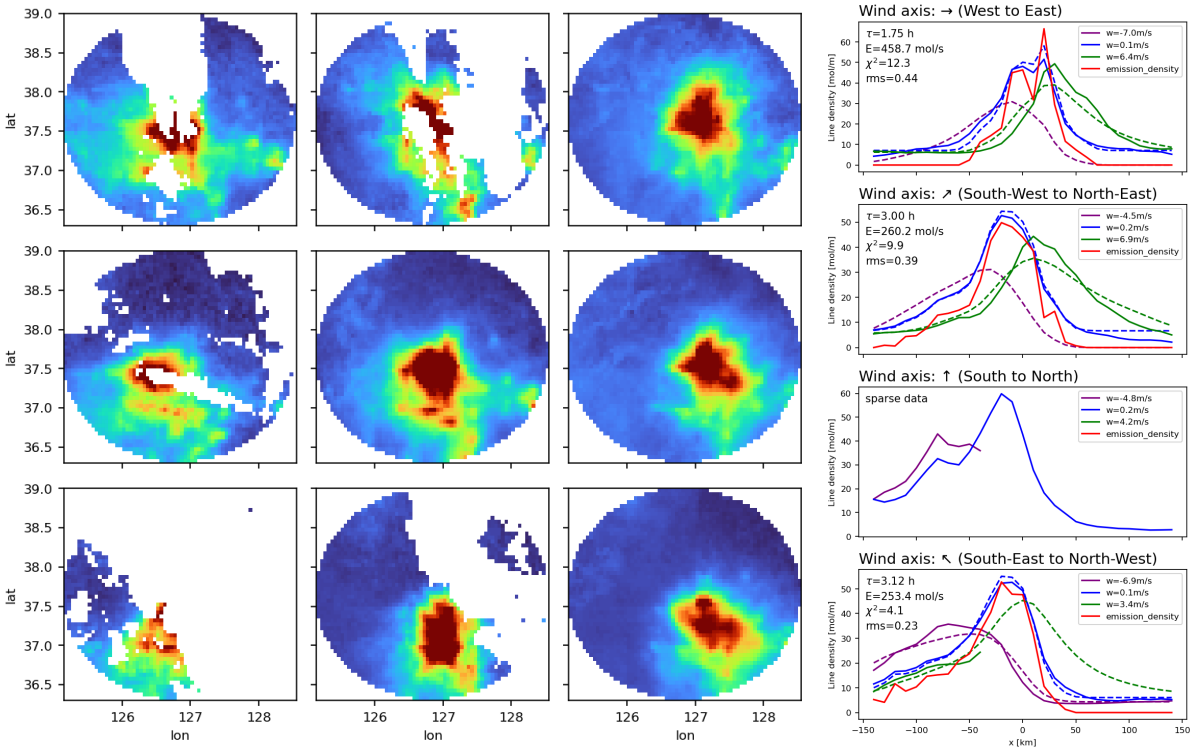


96 Goyang

96.1 Winter



96.2 Spring



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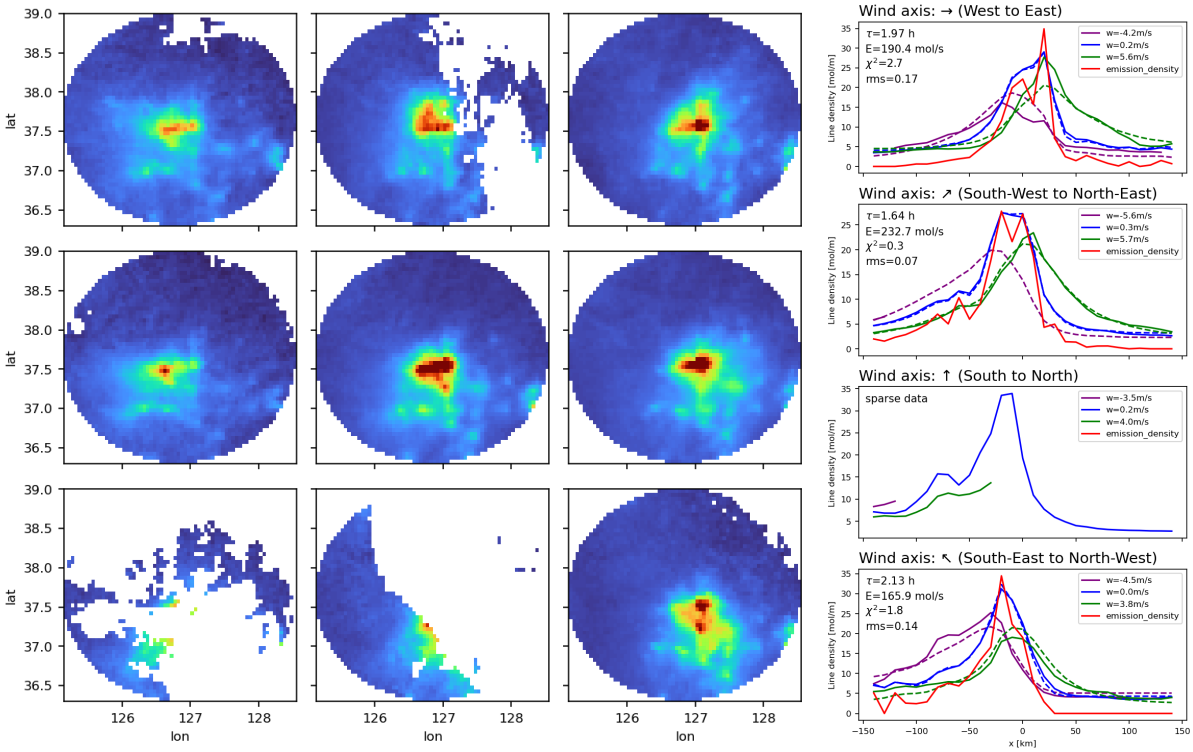

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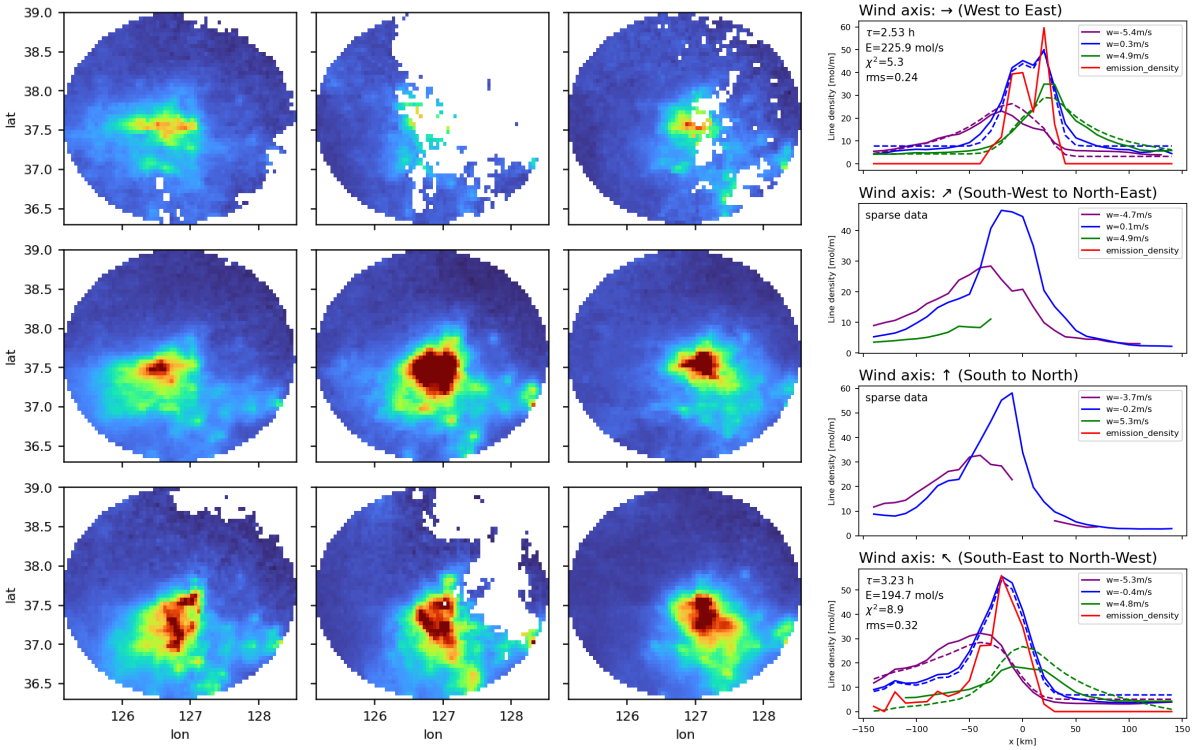
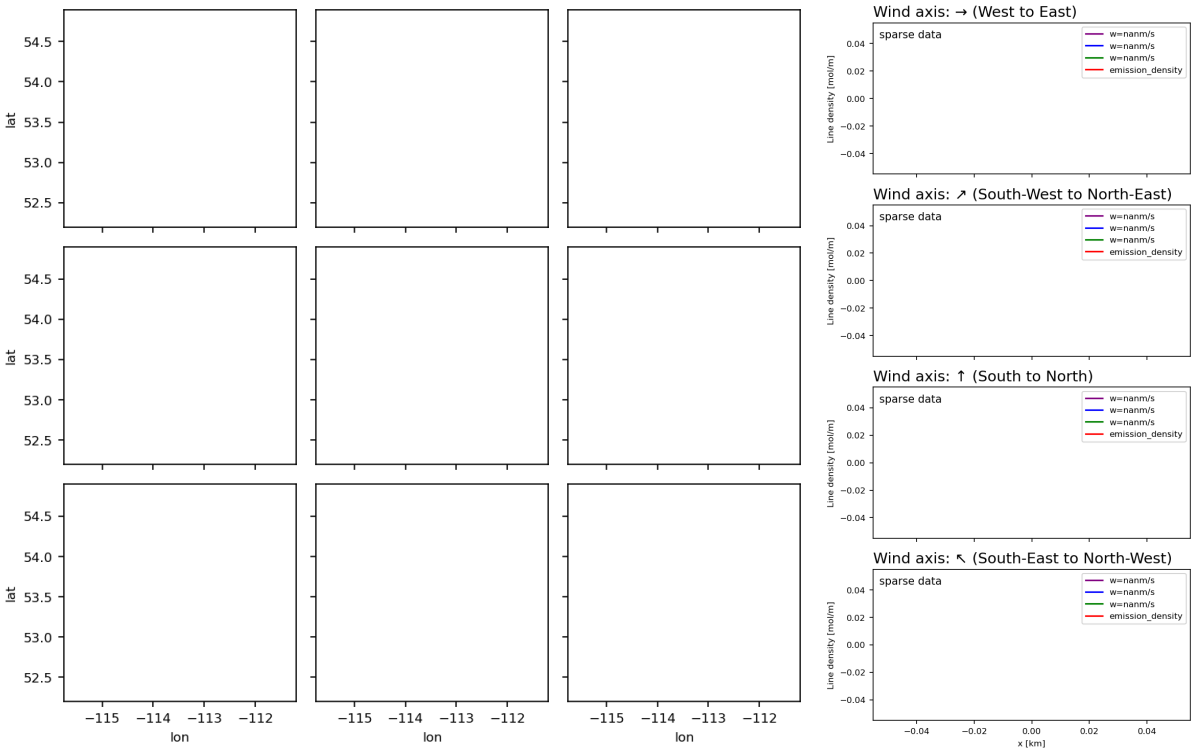
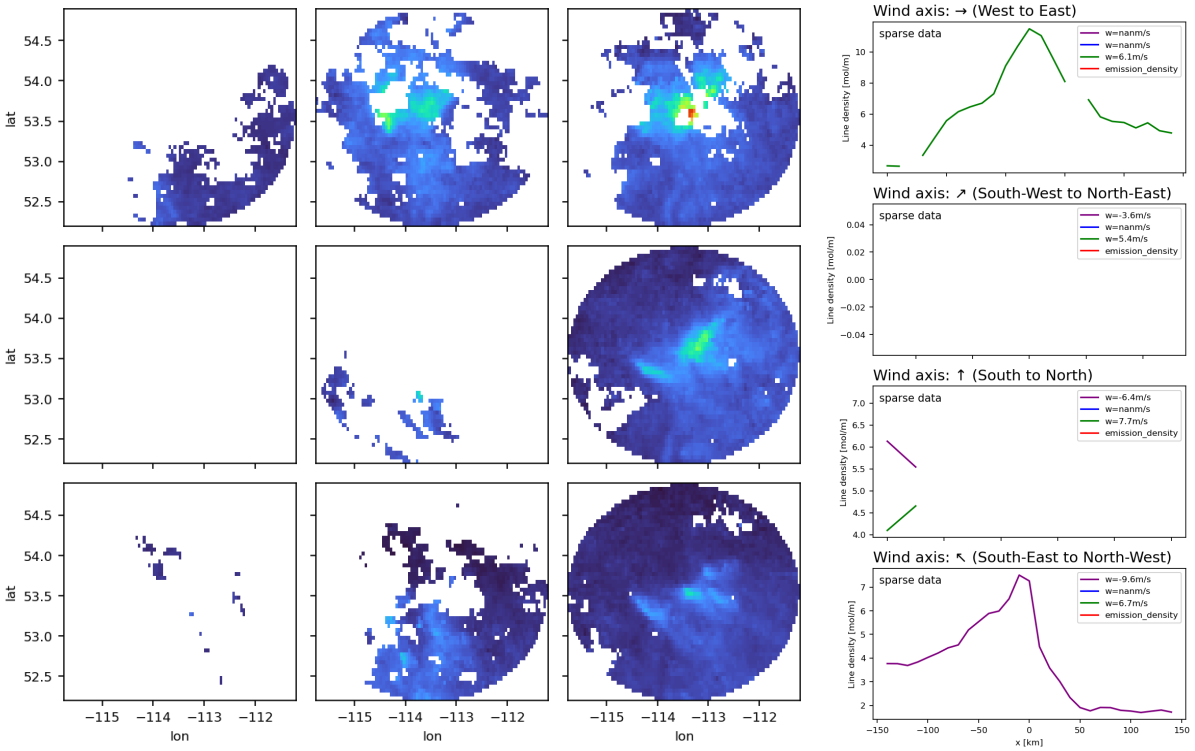


97 Edmonton

97.1 Winter



97.2 Spring



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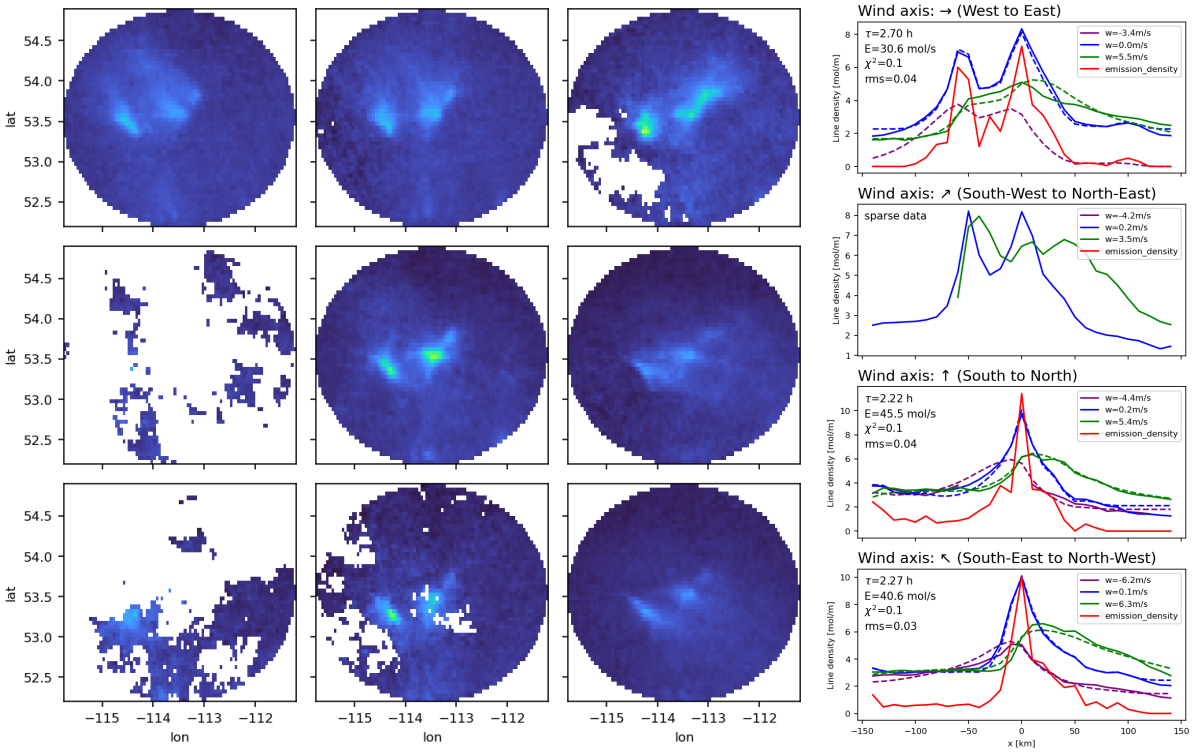

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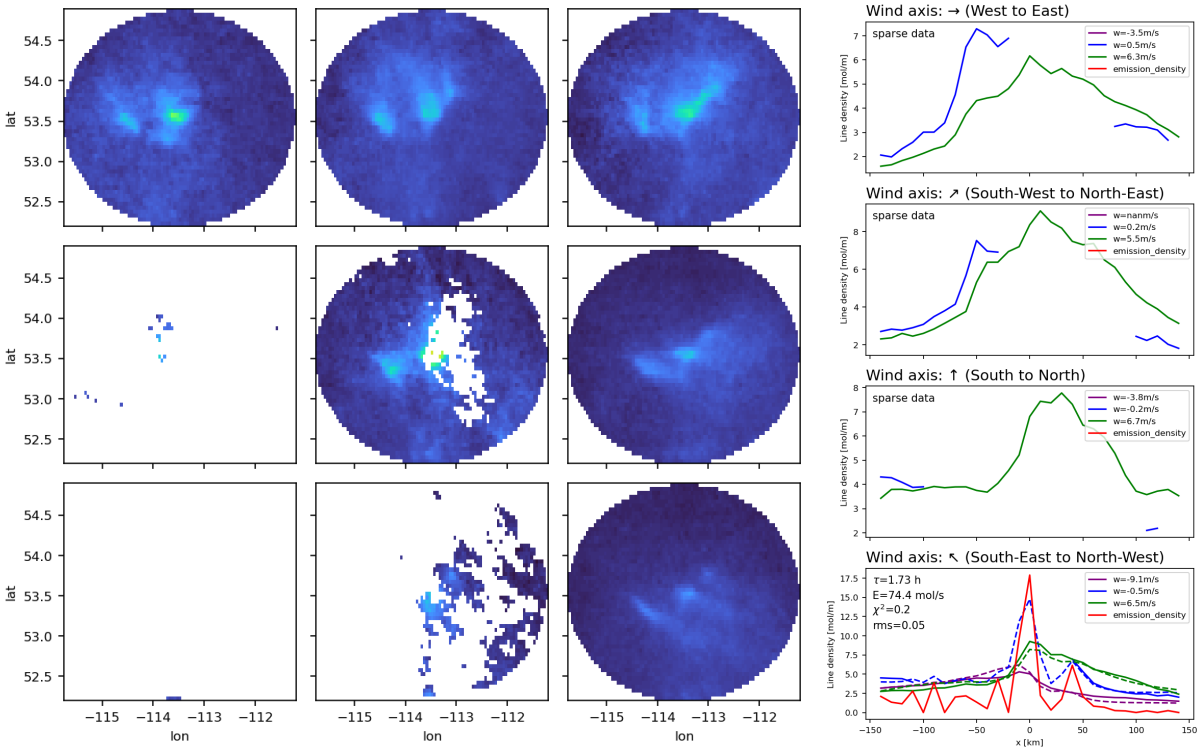
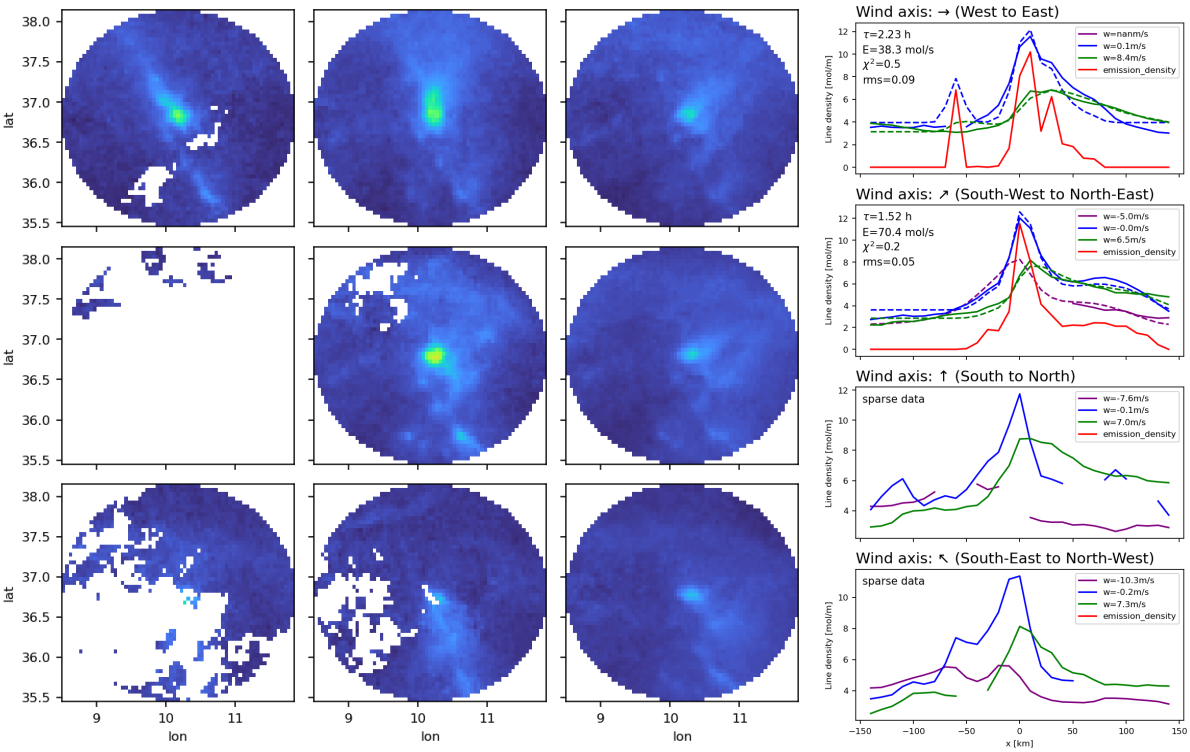
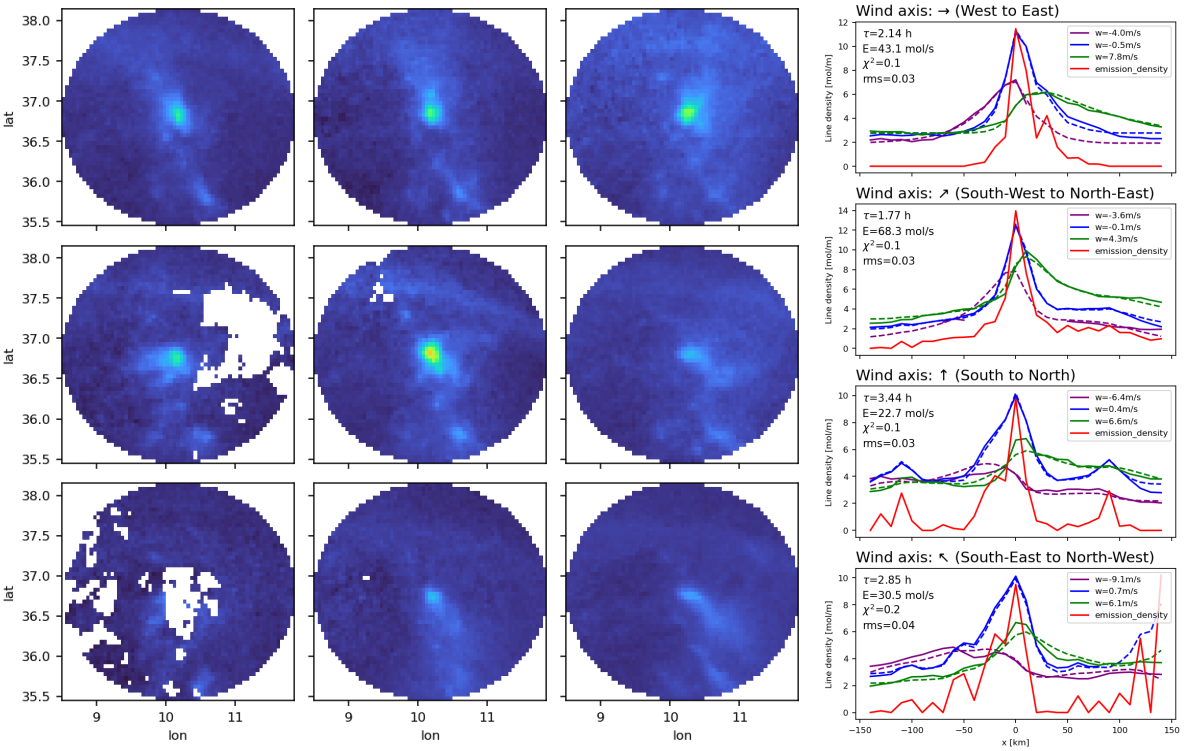


98 Tunis

98.1 Winter



98.2 Spring



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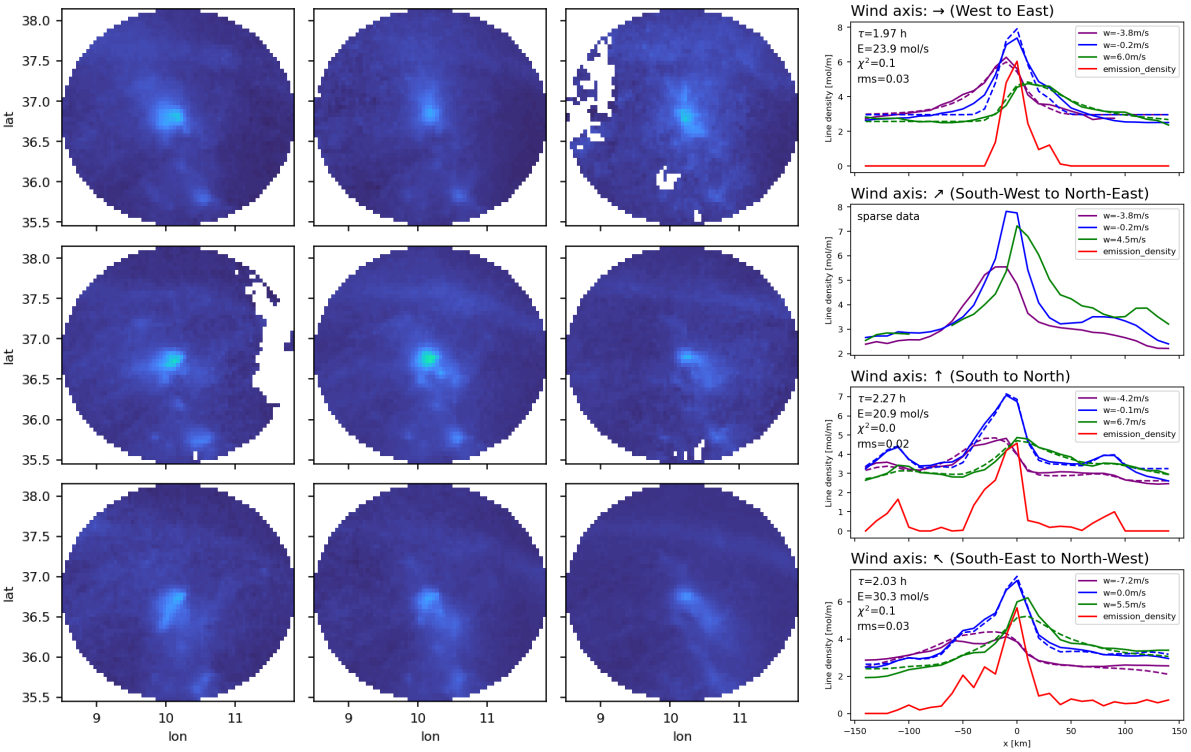

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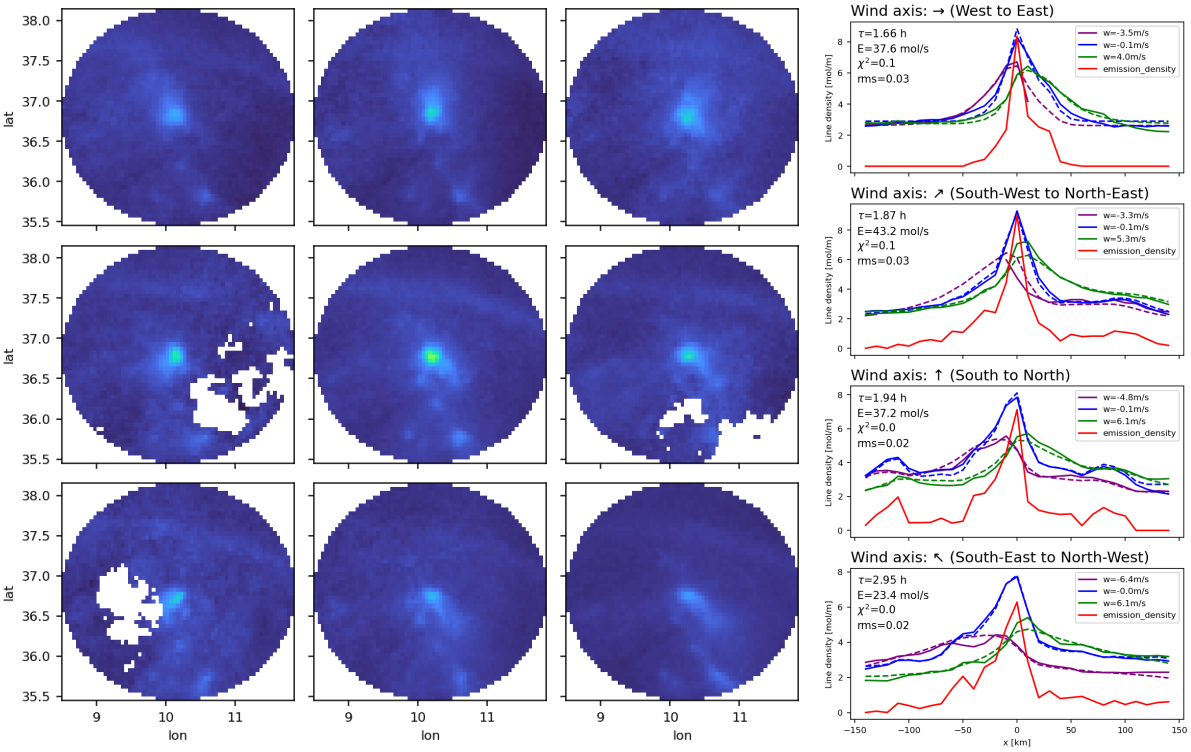
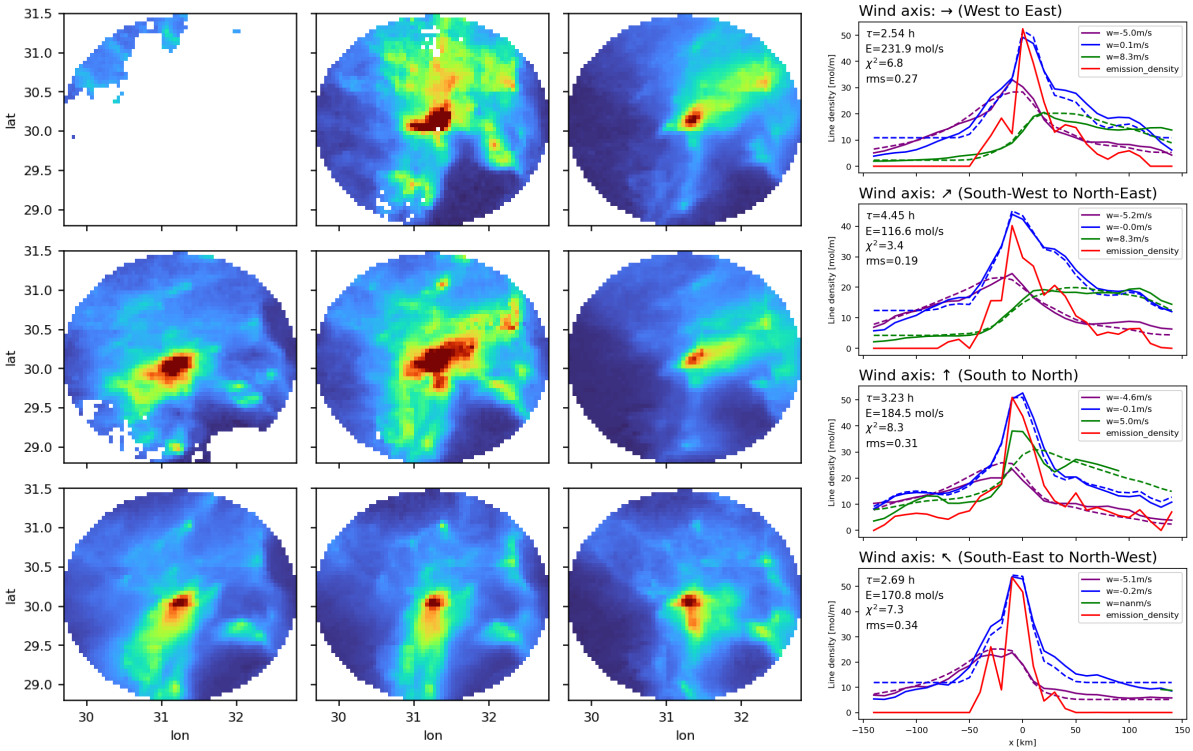
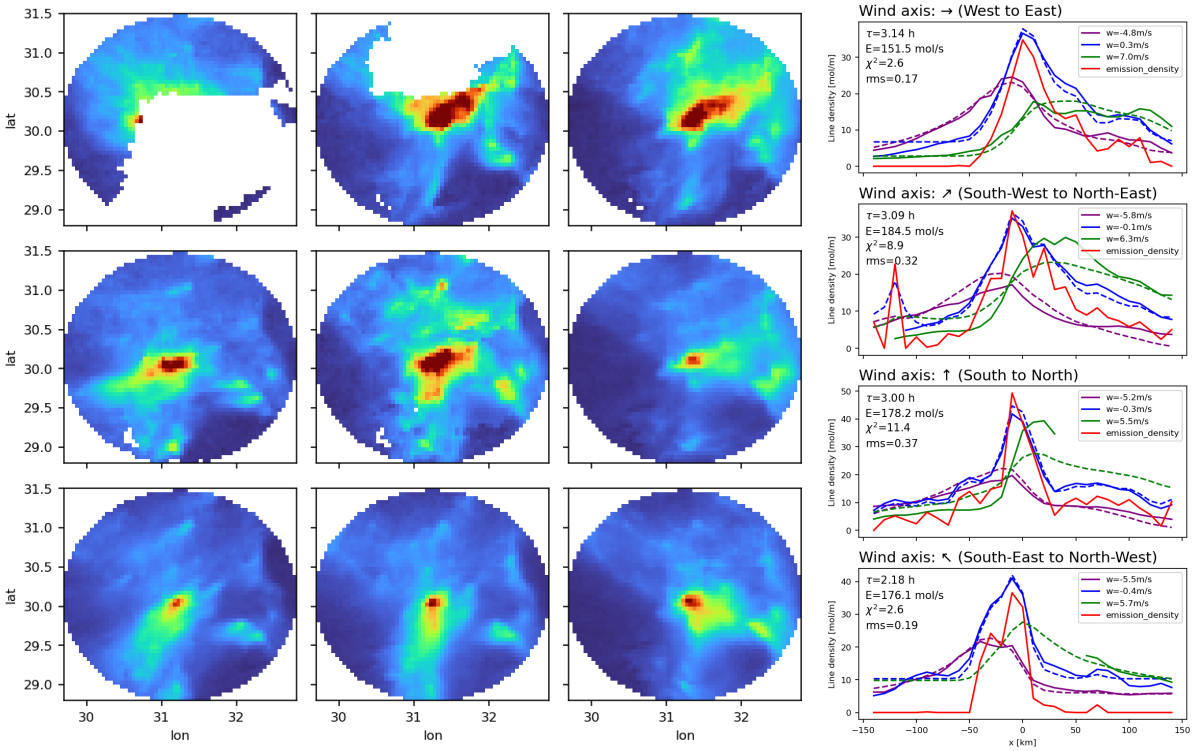


99 Shubrā al Khaymah

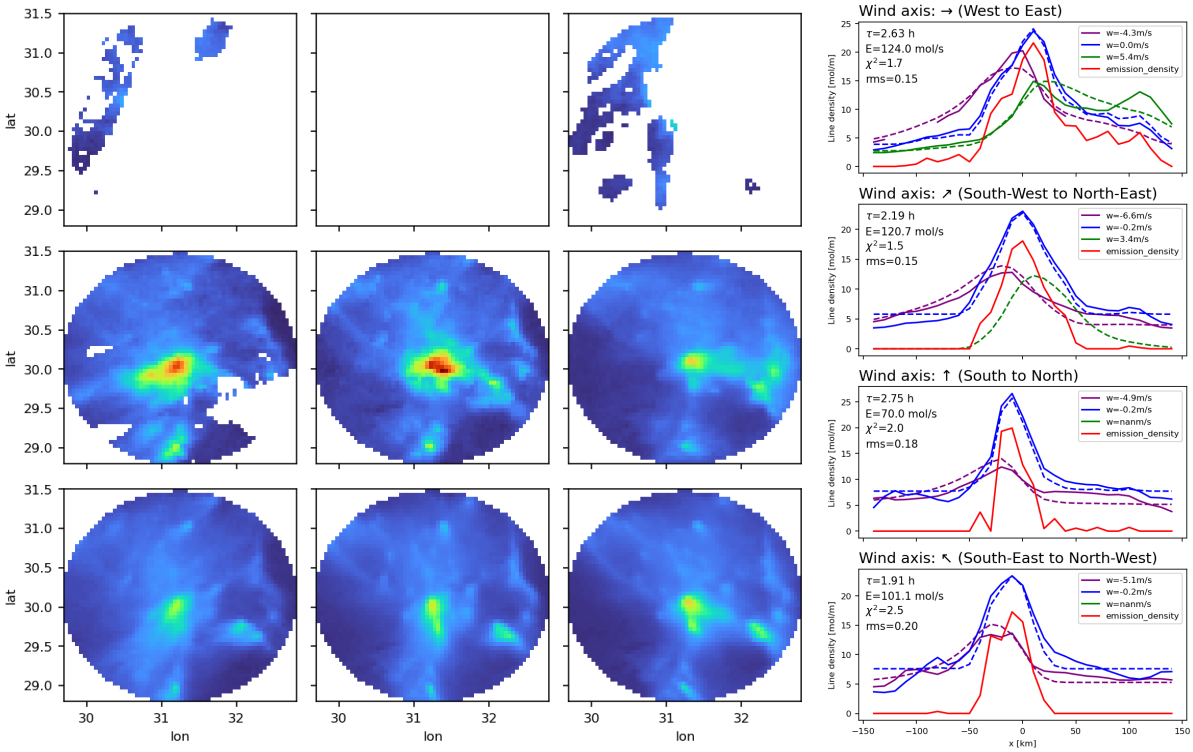
99.1 Winter



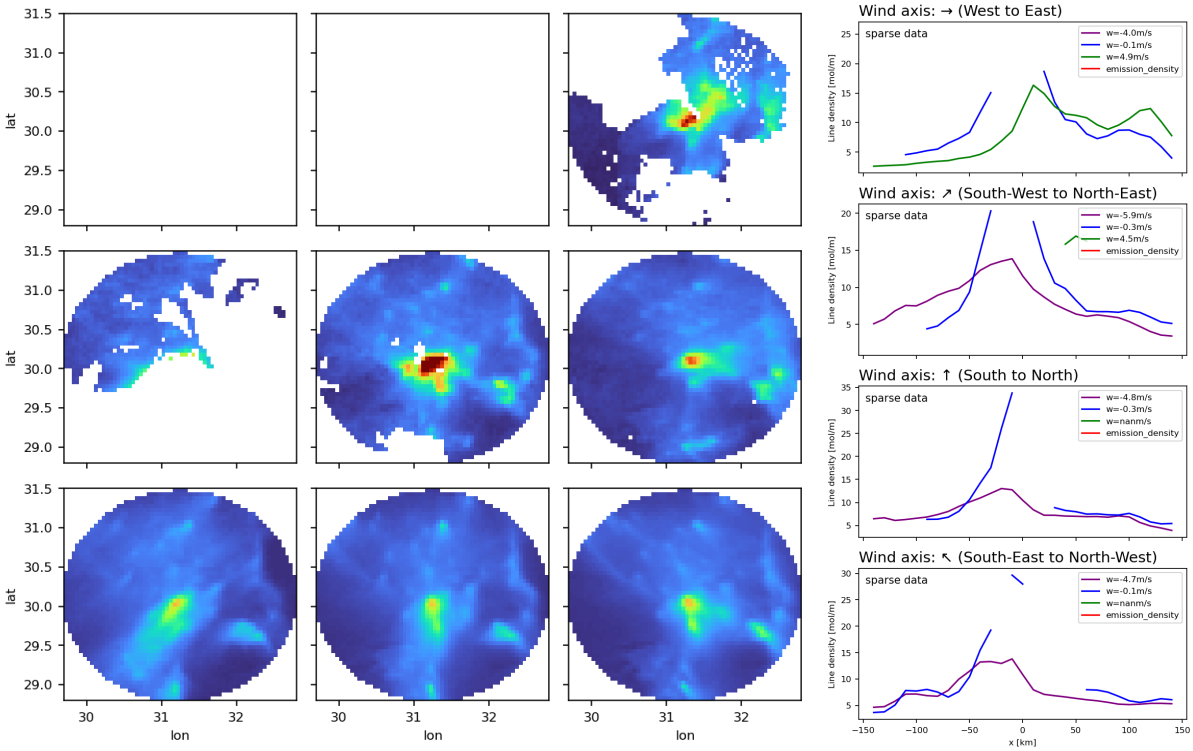
99.2 Spring



99.3 Summer

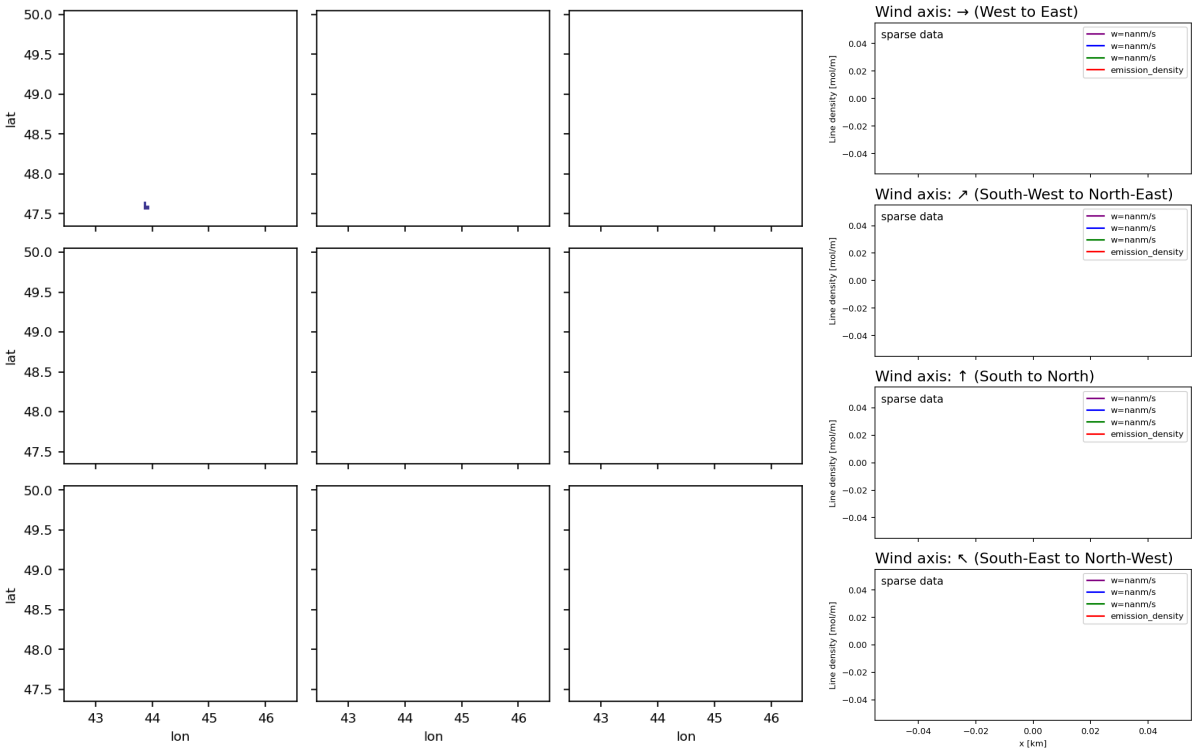


99.4 Autumn

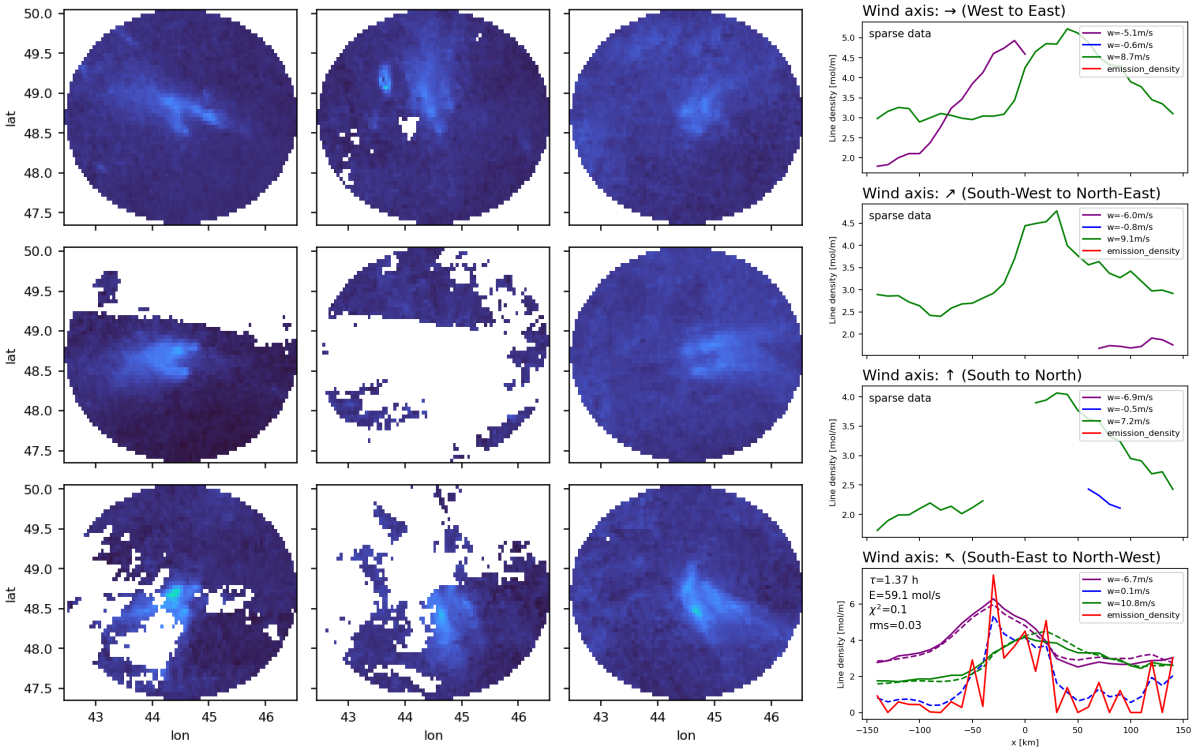


100 Volgograd

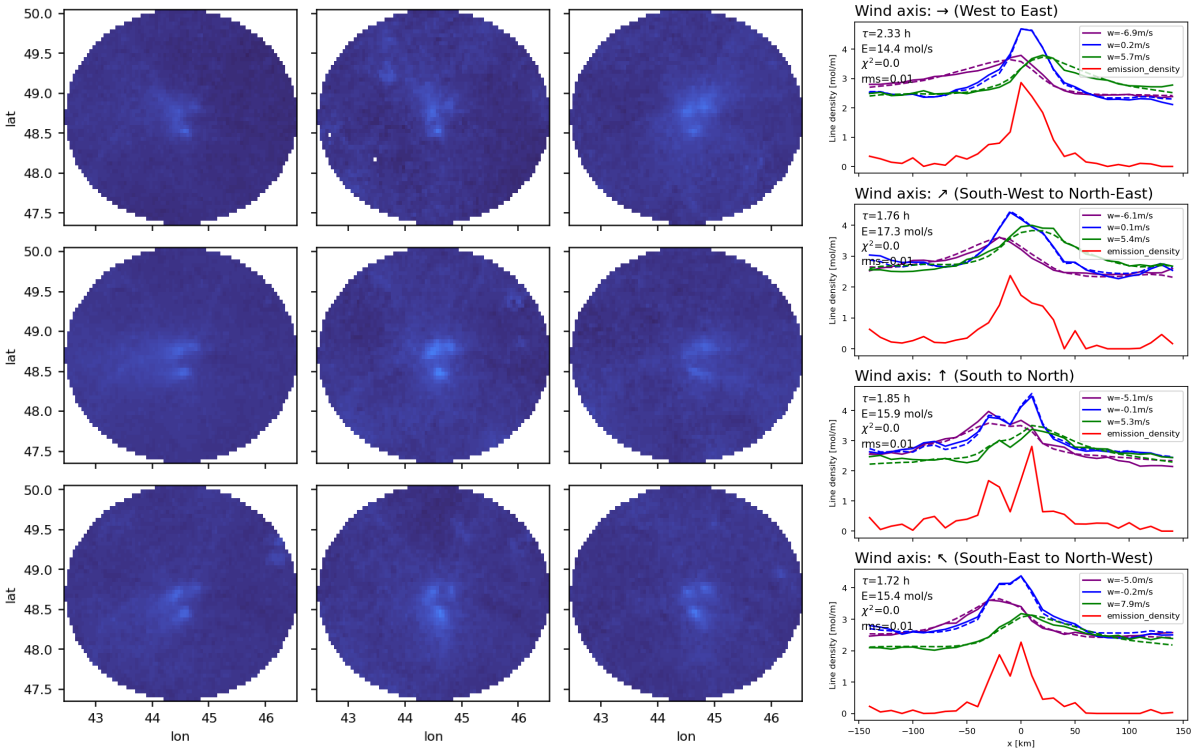
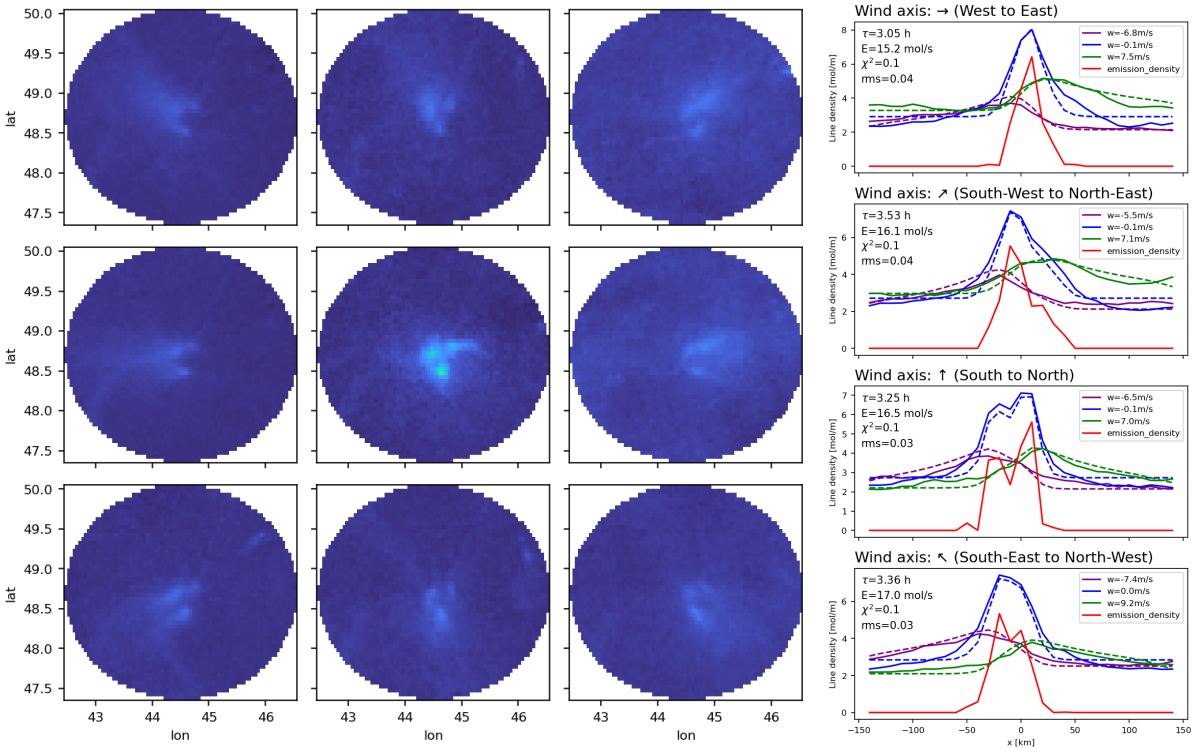
100.1 Winter



100.2 Spring



100.3 Summer



100.4 Autumn