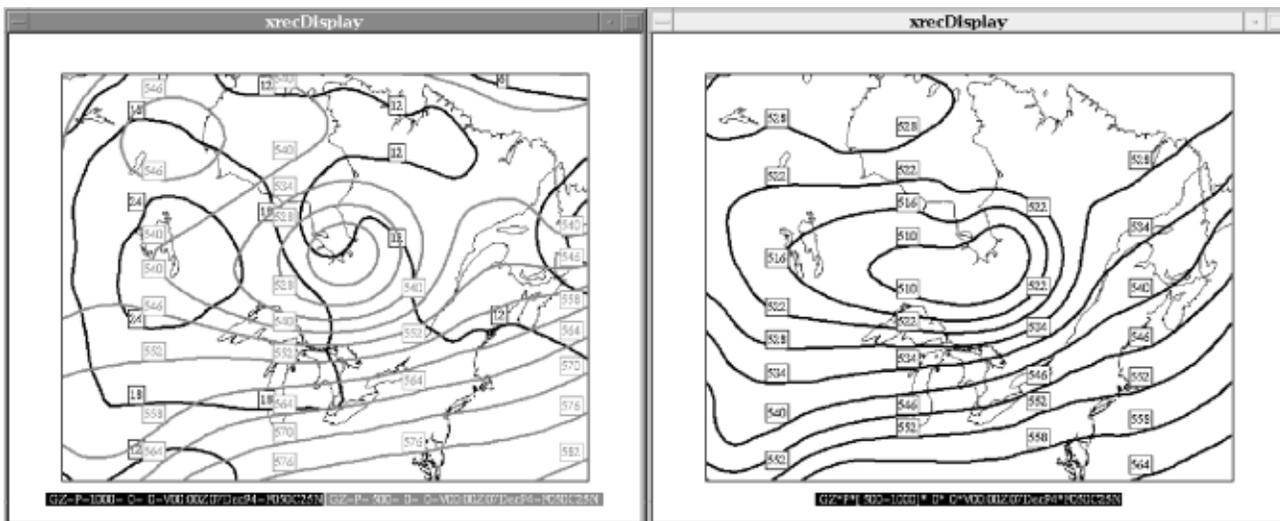


Comparing fields

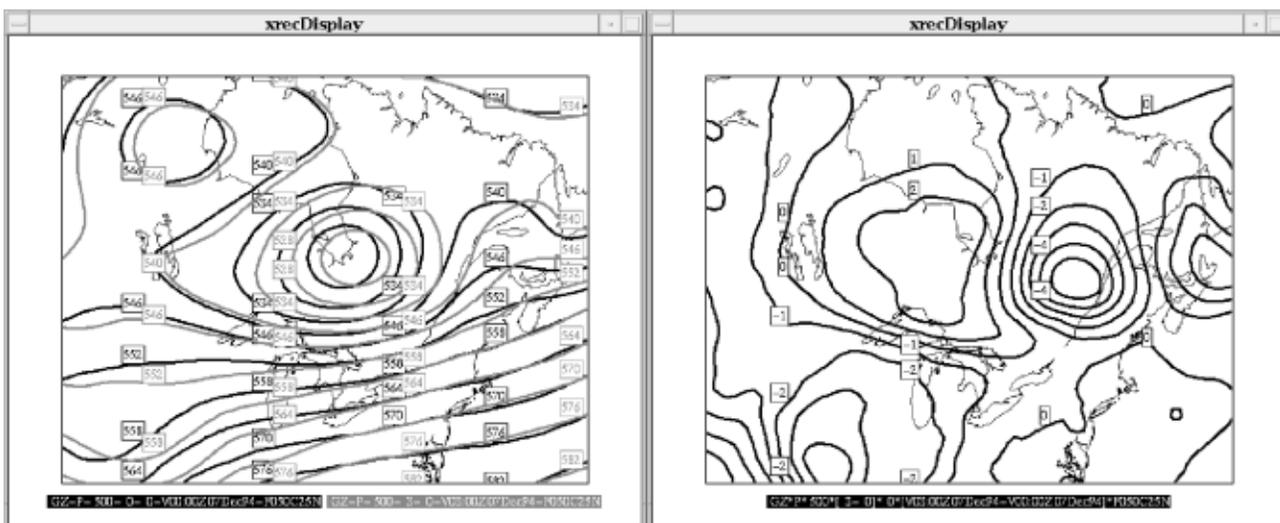
Comparing fields

"XREC" allows the superposition of up to 32 fields. The fields can be displayed one over the other, or subtracted by pairs (fld2 - fld1, fld4 - fld3, fld 6 - fld5, etc). The switch to alter this behavior is located in the "Computations" menu of the "Control panel".

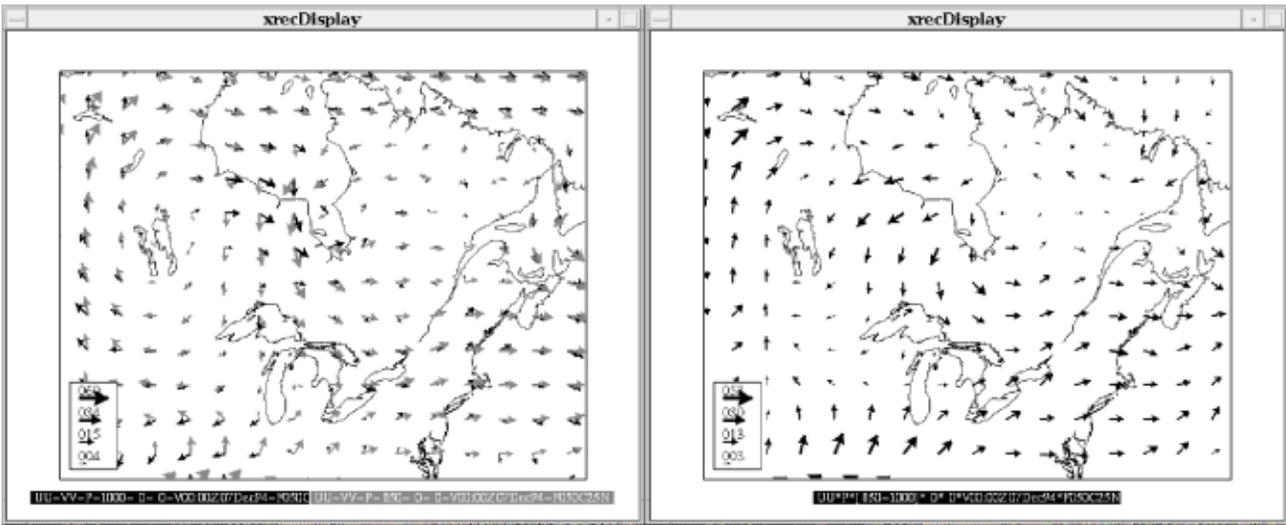
The following images show examples of this feature. On the left.gifure, the "No operation" item is selected, on the right, the "Field 1 = Field2 - Field1...". On the left image, we have in black a 1000 mb height field, in gray a 500 mb height field. On the right, the difference between the two fields, the 1000-500 thickness.



A similar operation is displayed below. On the left image, we have in black the 00 hr prog of a 500 mb height field, in gray the 03 hour prog of the same field. On the right, the difference between the two fields, a 3-hour height tendency.



The following.gifures showa 1000 mb and 850 mb wind fields. The left.gifure shows the original fields, the right.gifure shows the vector difference between the two fields.



The computation mode also changes the way grid point values are displayed. The following gifure shows how superimposed fields are displayed when computation is off (left) and on (right). The difference of vector fields is shown component by component.

