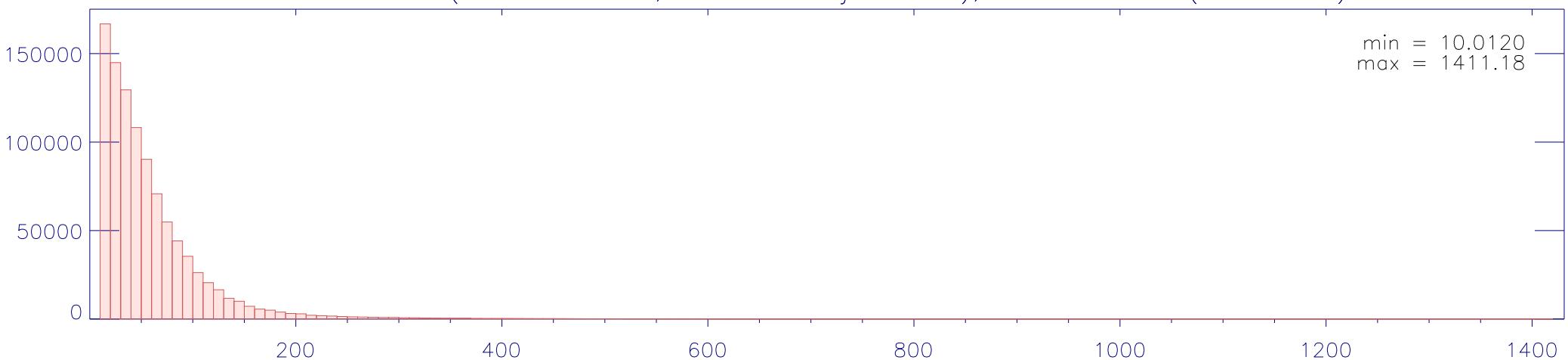


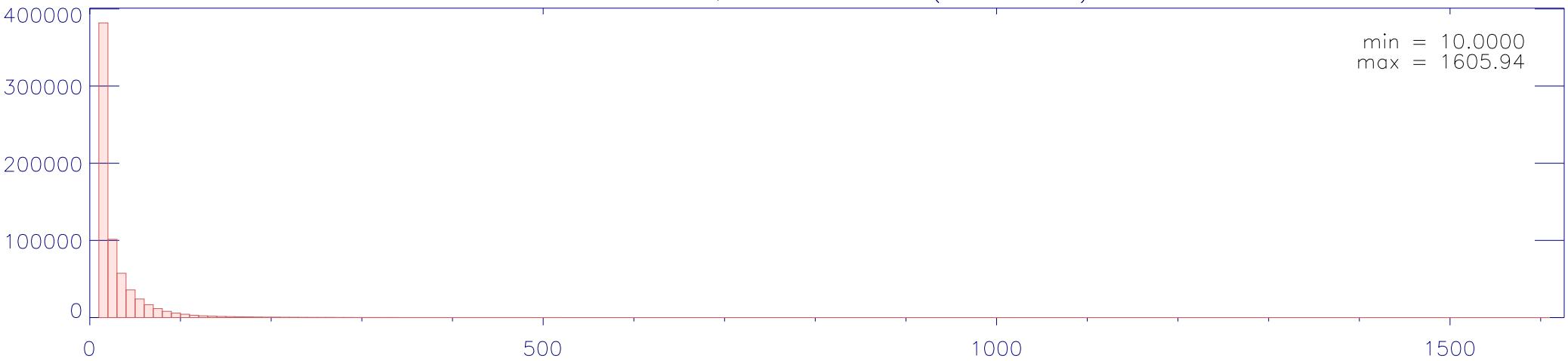
PFL\_ARGO (until dec 2013, downloaded jan 2014), mld\_mindtr02 (n=978622)

Histogram Density

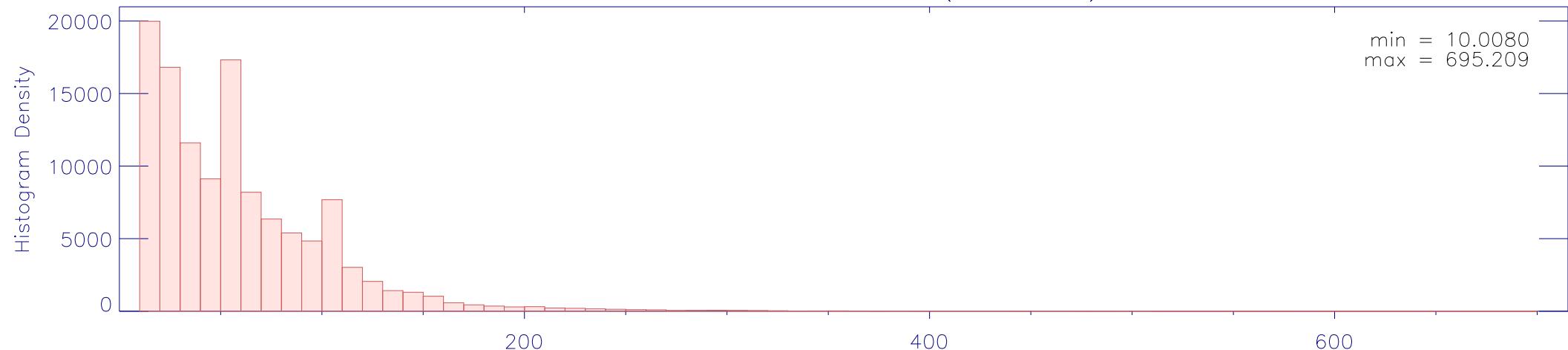


CTD\_WOD13, mld\_mindtr02 (n=665607)

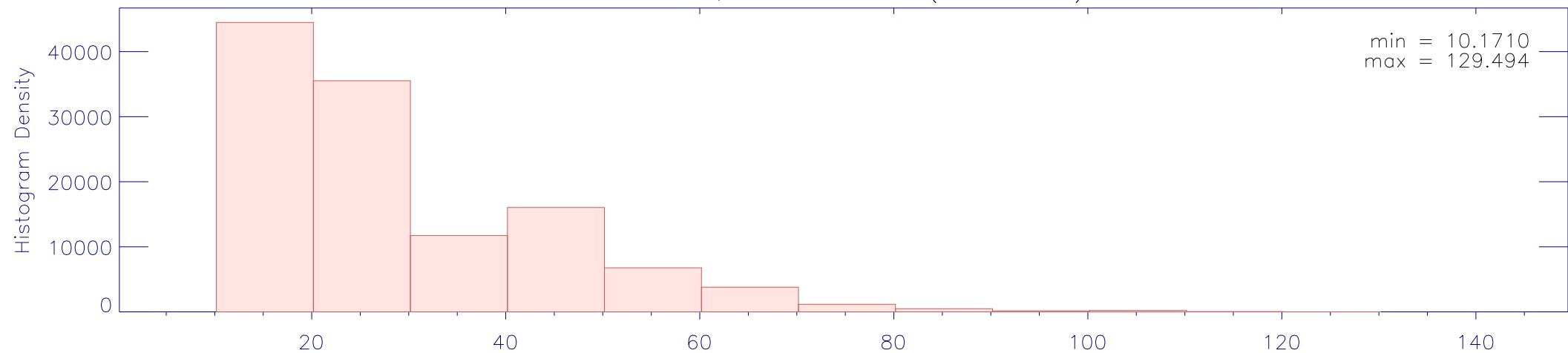
Histogram Density



CTD\_SEAOS, mld\_mindtr02 (n=119628)

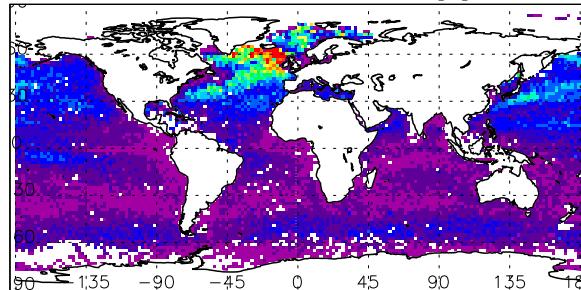


MRB\_TAO, mld\_mindtr02 (n=120430)

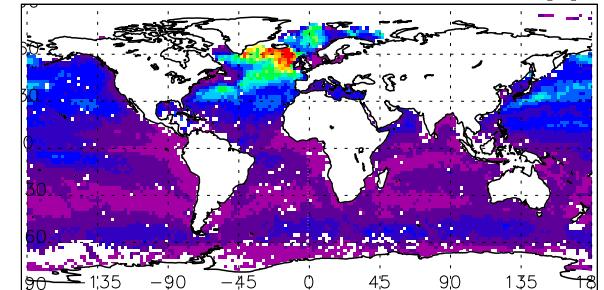
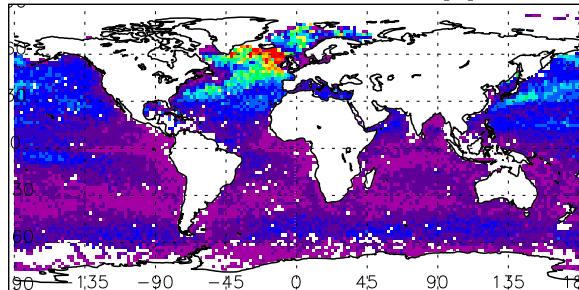


mld\_mindtr02 [m], from in situ observations (PFL\_ARGO, CTD\_WOD13, CTD\_SEAOS, MRB\_TAO)

JAN, var: mld\_mindtr02\_binned [1] (m)



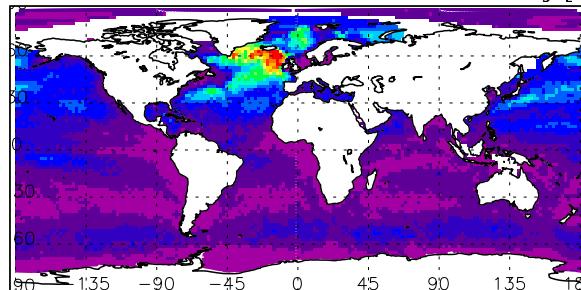
JAN, var: mld\_mindtr02\_binned\_rmoutliers [2] (m) Npass=2 JAN, var: mld\_mindtr02\_binned\_rmoutliers\_smth [3] (m)



Min= 10.02 ( 1.002e+01 ) ; Max= 505.02 ( 5.050e+02 ) ; Int= 25.00 ( 1.000e+01 ) ; Max= 505.02 ( 5.050e+02 ) ; Int= 25.00 ( 1.000e+01 ) ; Max= 429.84 ( 4.298e+02 ) ; Int= 25.00 ( 2.500e+01 )



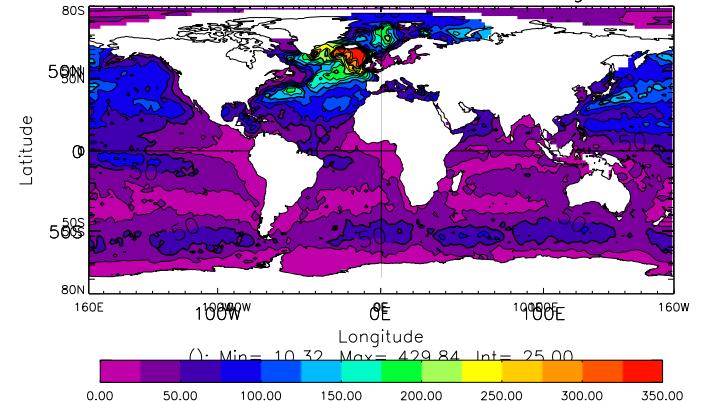
JAN, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg [4] (m)



Min= 10.32 ( 1.032e+01 ) ; Max= 429.84 ( 4.298e+02 ) ; Int= 25.00 ( 2.500e+01 )

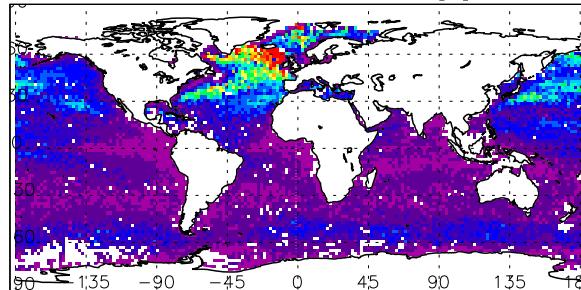


JAN, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg idem as [4] (m)



mld\_mindtr02 [m], from in situ observations (PFL\_ARGO, CTD\_WOD13, CTD\_SEAOS, MRB\_TAO)

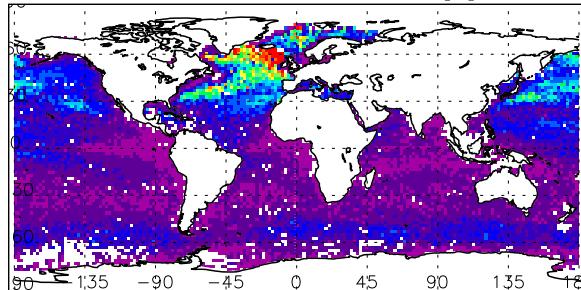
FEB, var: mld\_mindtr02\_binned [1] (m)



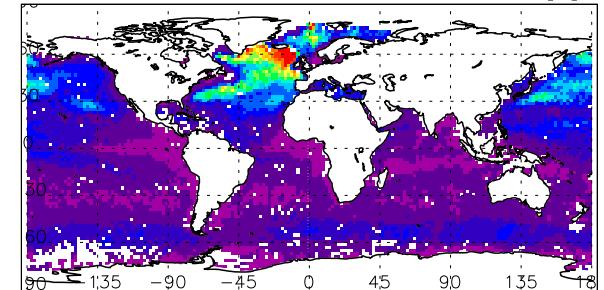
Min= 10.01 ( 1.001e+01 ) ; Max= 580.50 ( 5.805e+02 ) ; Int= 25.00 ( 1.000e+01 ) ; Max= 580.50 ( 5.805e+02 ) ; Int= 25.00 ( 1.000e+01 ) ; Max= 524.84 ( 5.248e+02 ) ; Int= 25.00 ( 2.500e+01 )

0.050.000.050.000.200.250.300.350.00

FEB, var: mld\_mindtr02\_binned\_rmoutliers [2] Npass=2 (m) FEB, var: mld\_mindtr02\_binned\_rmoutliers\_smth [3] (m)

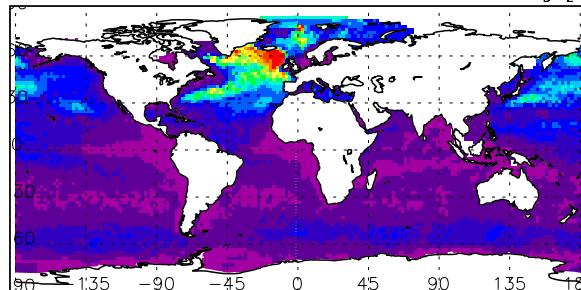


0.050.000.050.000.200.250.300.350.00



0.050.000.050.000.200.250.300.350.00

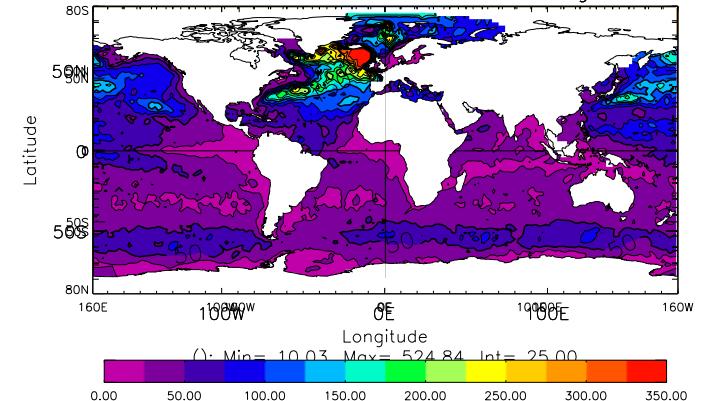
FEB, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg [4] (m)



Min= 10.03 ( 1.003e+01 ) ; Max= 524.84 ( 5.248e+02 ) ; Int= 25.00 ( 2.500e+01 )

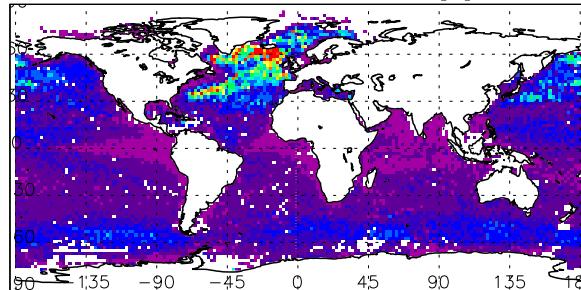
0.050.000.050.000.200.250.300.350.00

FEB, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg idem as [4] (m)



mld\_mindtr02 [m], from in situ observations (PFL\_ARGO, CTD\_WOD13, CTD\_SEAOS, MRB\_TAO)

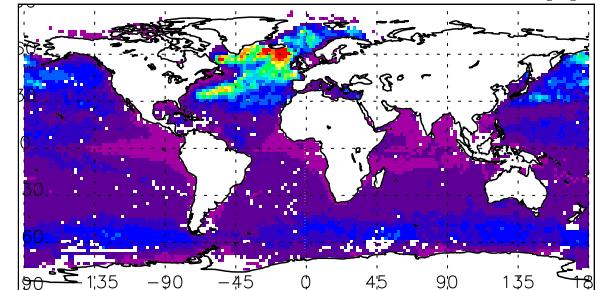
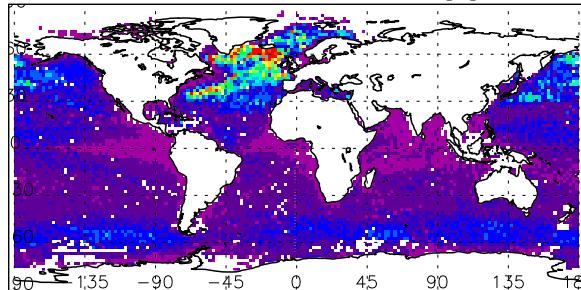
MAR, var: mld\_mindtr02\_binned [1] (m)



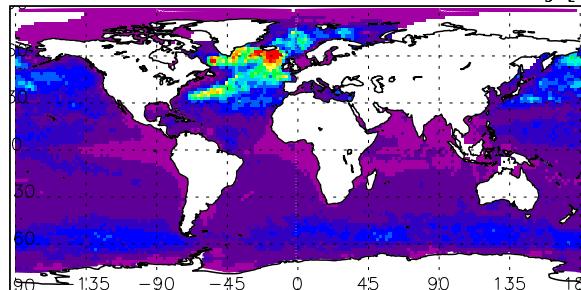
Min= 10.02 ( 1.002e+01 ) ; Max= 606.41 ( 6.064e+02 ) ; Int= 25.00 ( 1.025e+01 ) ; Max= 606.41 ( 6.064e+02 ) ; Int= 25.00 ( 1.025e+01 ) ; Max= 552.92 ( 5.529e+02 ) ; Int= 25.00 ( 2.500e+01 )



MAR, var: mld\_mindtr02\_binned\_rmoutliers [2] (m) MAR, var: mld\_mindtr02\_binned\_rmoutliers\_smth [3] (m)



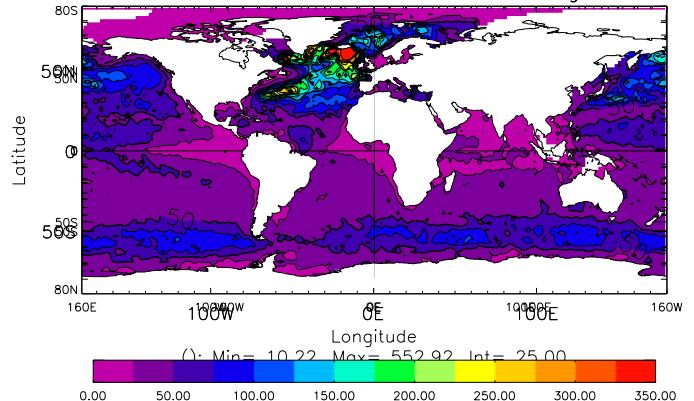
MAR, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg [4] (m)



Min= 10.22 ( 1.022e+01 ) ; Max= 552.92 ( 5.529e+02 ) ; Int= 25.00 ( 2.500e+01 )

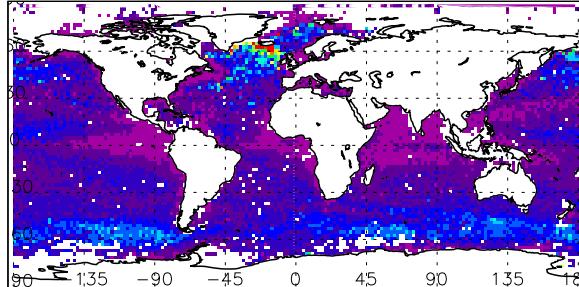


MAR, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg idem as [4] (m)

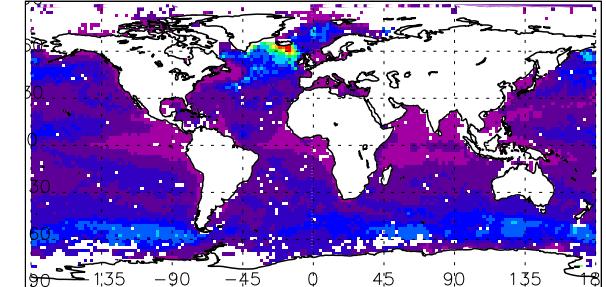
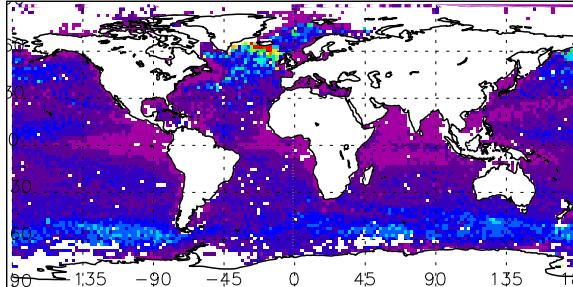


**mld\_mindtr02 [m], from in situ observations (PFL\_ARGO, CTD\_WOD13, CTD\_SEAOS, MRB\_TAO)**

APR, var: mld\_mindtr02\_binned [1] (m)



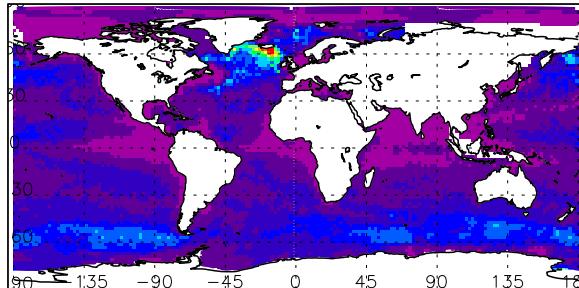
APR, var: mld\_mindtr02\_binned\_rmoutliers [2] (m) Npass=2 APR, var: mld\_mindtr02\_binned\_rmoutliers\_smth [3] (m)



Min= 10.01 ( 1.001e+01 ) ; Max= 565.61 ( 5.656e+02 ) ; Int= 25.00 ( 2.500e+01 ) ; Max= 565.61 ( 5.656e+02 ) ; Int= 25.00 ( 2.500e+01 ) ; Max= 443.17 ( 4.432e+02 ) ; Int= 25.00 ( 2.500e+01 )



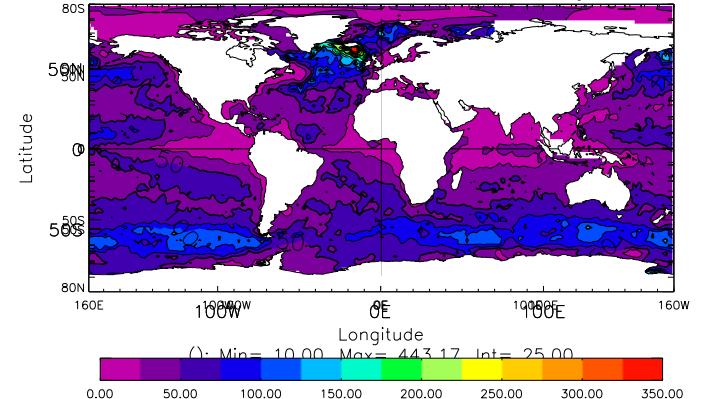
APR, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg [4] (m)



Min= 10.00 ( 1.000e+01 ) ; Max= 443.17 ( 4.432e+02 ) ; Int= 25.00 ( 2.500e+01 )

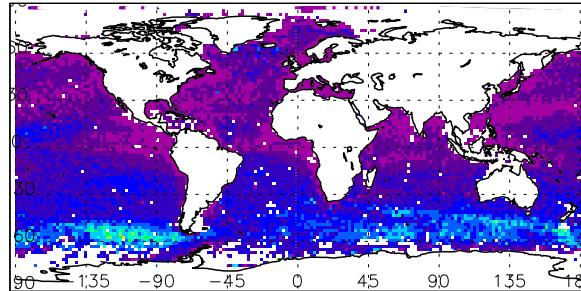


APR, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg idem as [4] (m)



mld\_mindtr02 [m], from in situ observations (PFL\_ARGO, CTD\_WOD13, CTD\_SEAOS, MRB\_TAO)

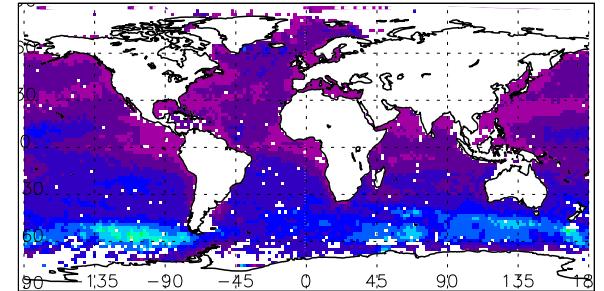
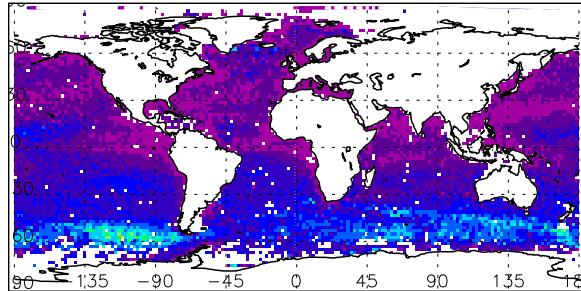
MAY, var: mld\_mindtr02\_binned [1] (m)



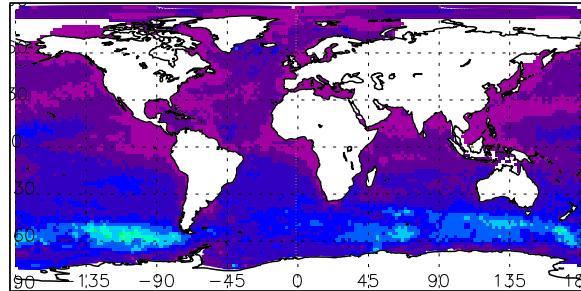
Min= 10.02 ( 1.002e+01 ) ; Max= 368.81 ( 3.688e+02 ) ; Int= 25.00 ( 2.500e+01 ) ; Max= 257.66 ( 2.577e+02 ) ; Int= 25.00 ( 2.500e+01 ) ; Max= 202.33 ( 2.023e+02 ) ; Int= 25.00 ( 2.500e+01 )



MAY, var: mld\_mindtr02\_binned\_rmoutliers [2] (m) MAY, var: mld\_mindtr02\_binned\_rmoutliers\_smth [3] (m)



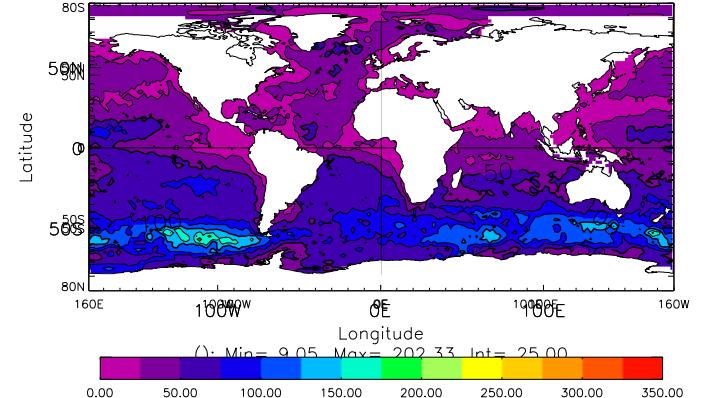
MAY, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg [4] (m)



Min= 9.05 ( 9.051e+00 ) ; Max= 202.33 ( 2.023e+02 ) ; Int= 25.00 ( 2.500e+01 )

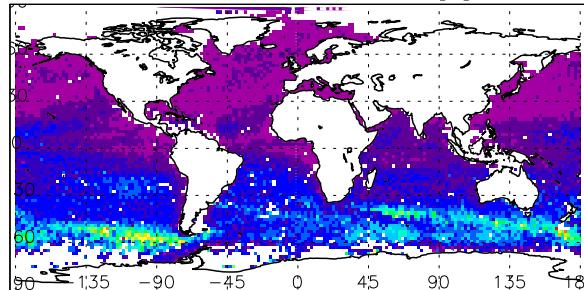


MAY, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg idem as [4] (m)



mld\_mindtr02 [m], from in situ observations (PFL\_ARGO, CTD\_WOD13, CTD\_SEAOS, MRB\_TAO)

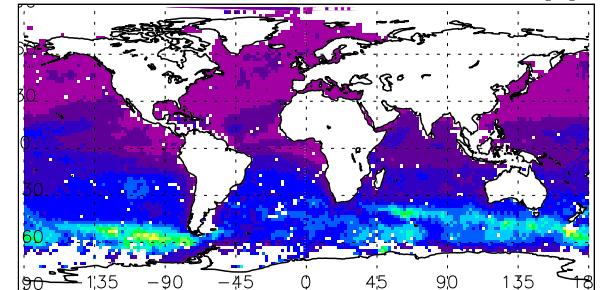
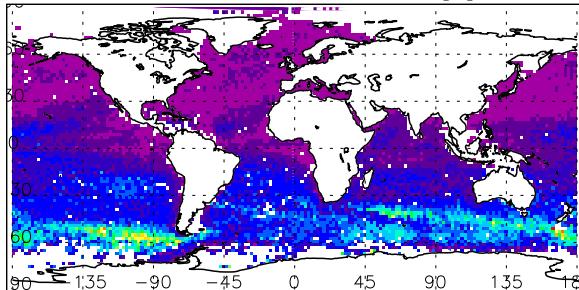
JUN, var: mld\_mindtr02\_binned [1] (m)



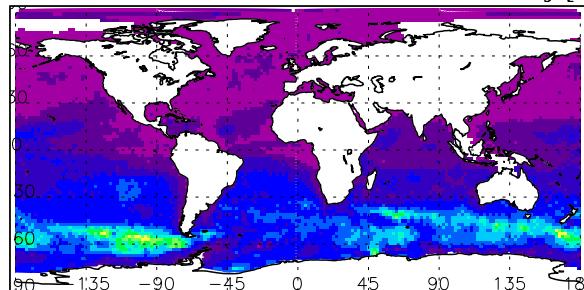
Min= 10.00 ( 1.000e+01 ) ; Max= 394.21 ( 3.942e+02 ) ; Int= 25.00 ( 1.000e+01 ) ; Max= 394.21 ( 3.942e+02 ) ; Int= 25.00 ( 1.000e+01 ) ; Max= 236.39 ( 2.364e+02 ) ; Int= 25.00 ( 2.500e+01 )



JUN, var: mld\_mindtr02\_binned\_rmoutliers [2] (m) JUN, var: mld\_mindtr02\_binned\_rmoutliers\_smth [3] (m)



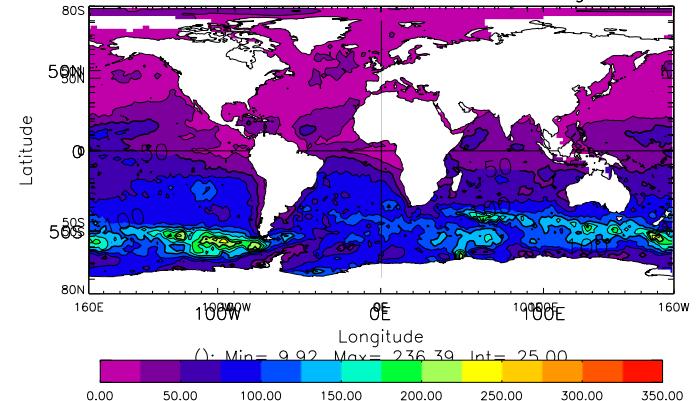
JUN, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg [4] (m)



Min= 9.92 ( 9.917e+00 ) ; Max= 236.39 ( 2.364e+02 ) ; Int= 25.00 ( 2.500e+01 )

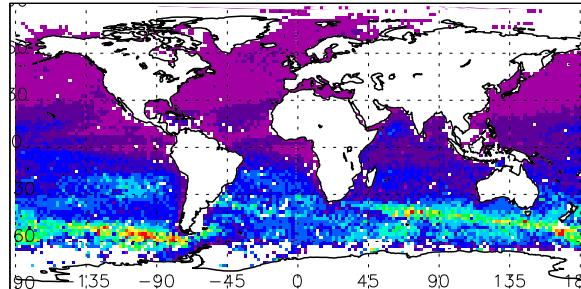


JUN, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg idem as [4] (m)



mld\_mindtr02 [m], from in situ observations (PFL\_ARGO, CTD\_WOD13, CTD\_SEAOS, MRB\_TAO)

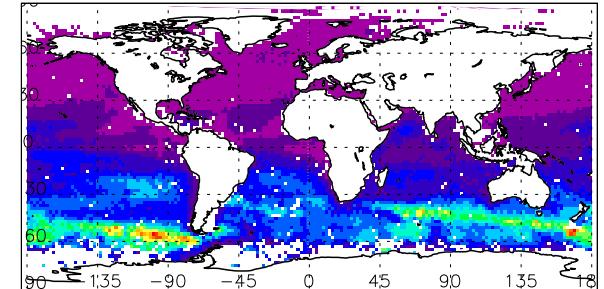
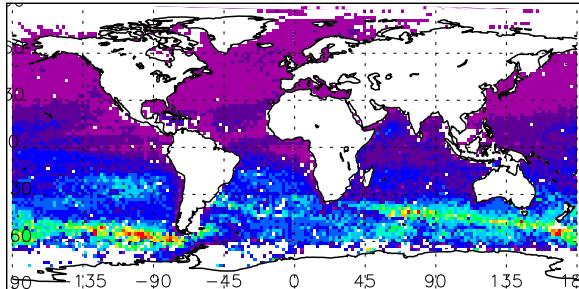
JUL, var: mld\_mindtr02\_binned [1] (m)



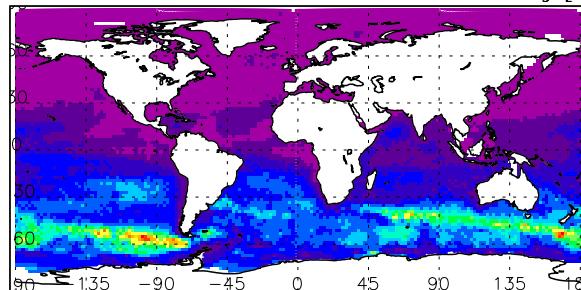
Min= 10.00 ( 1.000e+01 ) ; Max= 520.21 ( 5.202e+02 ) ; Int= 25.00 ( 1.000e+01 ) ; Max= 455.52 ( 4.555e+02 ) ; Int= 25.00 ( 1.000e+01 ) ; Max= 374.34 ( 3.743e+02 ) ; Int= 25.00 ( 2.500e+01 )



JUL, var: mld\_mindtr02\_binned\_rmoutliers [2] (m) Npass=2 JUL, var: mld\_mindtr02\_binned\_rmoutliers\_smth [3] (m)



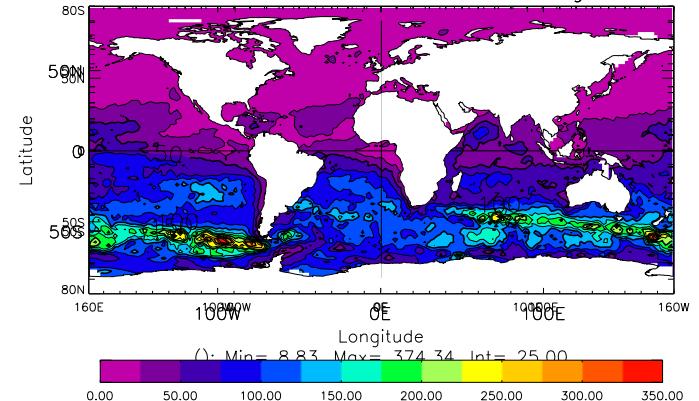
JUL, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg [4] (m)



Min= 8.83 ( 8.828e+00 ) ; Max= 374.34 ( 3.743e+02 ) ; Int= 25.00 ( 2.500e+01 )

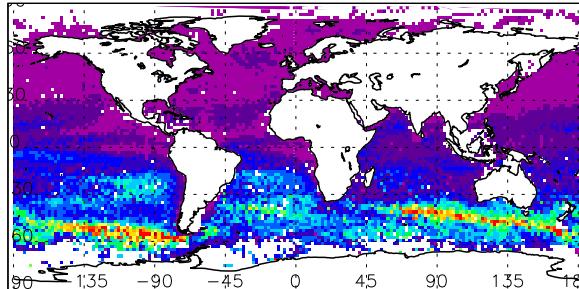


JUL, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg idem as [4] (m)



**mld\_mindtr02 [m], from in situ observations (PFL\_ARGO, CTD\_WOD13, CTD\_SEAOS, MRB\_TAO)**

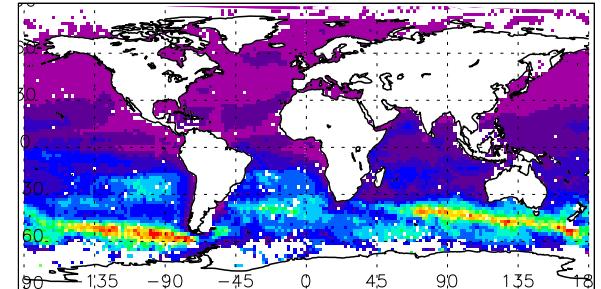
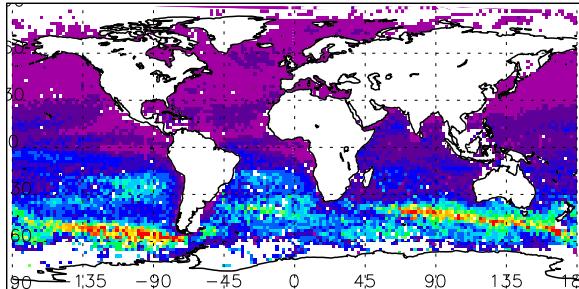
AUG, var: mld\_mindtr02\_binned [1] (m)



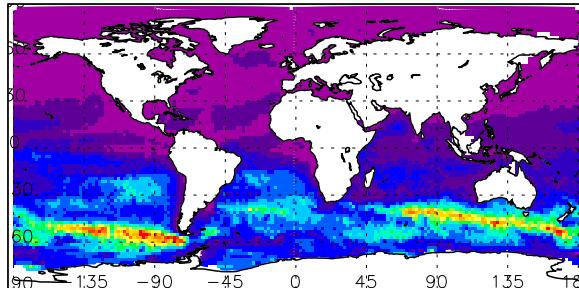
Min= 10.00 ( 1.000e+01 ) ; Max= 572.44 ( 5.724e+02 ) ; Int= 25.00 ( 1.000e+01 ) ; Max= 572.44 ( 5.724e+02 ) ; Int= 25.00 ( 1.000e+01 ) ; Max= 433.88 ( 4.339e+02 ) ; Int= 25.00 ( 2.500e+01 )



AUG, var: mld\_mindtr02\_binned\_rmoutliers [2] (m) AUG, var: mld\_mindtr02\_binned\_rmoutliers\_smth [3] (m)



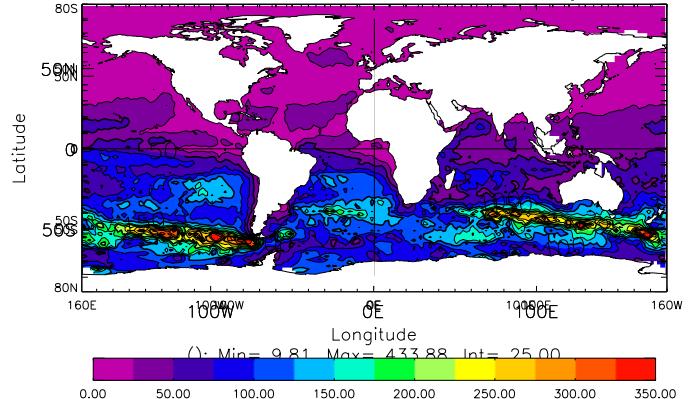
AUG, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg [4] (m)



Min= 9.81 ( 9.813e+00 ) ; Max= 433.88 ( 4.339e+02 ) ; Int= 25.00 ( 2.500e+01 )

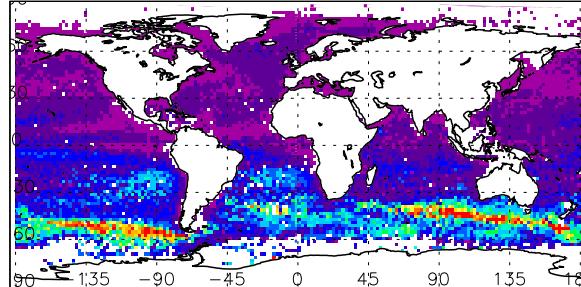


AUG, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg idem as [4] (m)

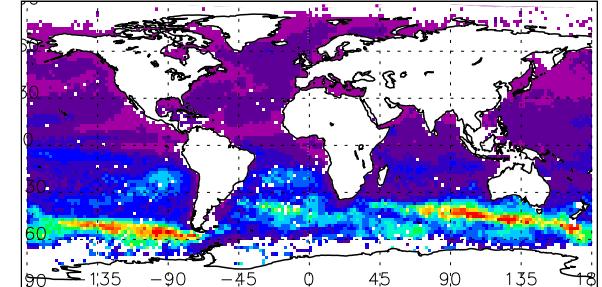
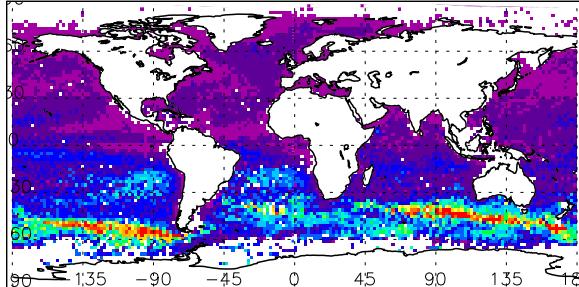


**mld\_mindtr02 [m], from in situ observations (PFL\_ARGO, CTD\_WOD13, CTD\_SEAOS, MRB\_TAO)**

SEP, var: mld\_mindtr02\_binned [1] (m)



SEP, var: mld\_mindtr02\_binned\_rmoutliers [2] (m) Npass=2 SEP, var: mld\_mindtr02\_binned\_rmoutliers\_smth [3] (m)



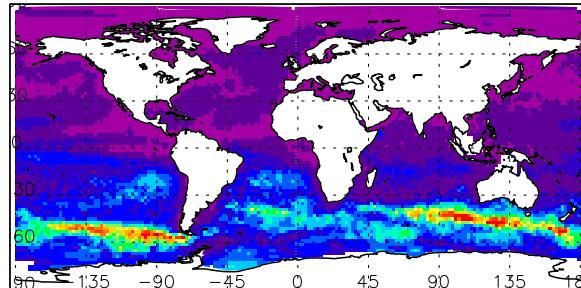
Min= 10.00 ( 1.000e+01 ) ; Max= 609.90 ( 6.099e+02 ) ; Int= M25=00 ( 105000(+0.000e+01) ) ; Max= 609.90 ( 6.099e+02 ) ; Int= M25=00 ( 105000(+0.001e+01) ) ; Max= 451.89 ( 4.519e+02 ) ; Int= 25.00 ( 2.500e+01 )

0.0 50.0 100.0 150.0 200.0 250.0 300.0 350.00

0.0 50.0 100.0 150.0 200.0 250.0 300.0 350.00

0.0 50.0 100.0 150.0 200.0 250.0 300.0 350.00

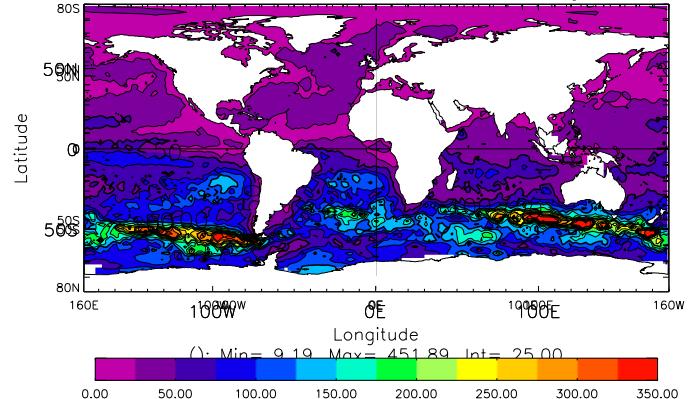
SEP, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg [4] (m)



Min= 9.19 ( 9.188e+00 ) ; Max= 451.89 ( 4.519e+02 ) ; Int= 25.00 ( 2.500e+01 )

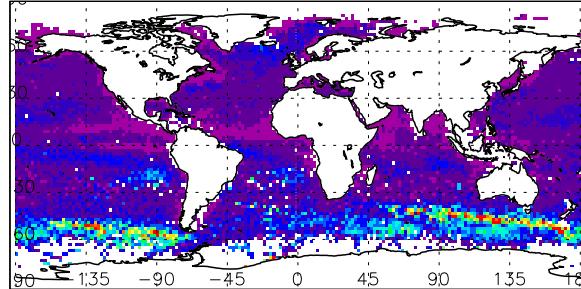
0.0 50.0 100.0 150.0 200.0 250.0 300.0 350.00

SEP, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg idem as [4] (m)



mld\_mindtr02 [m], from in situ observations (PFL\_ARGO, CTD\_WOD13, CTD\_SEAOS, MRB\_TAO)

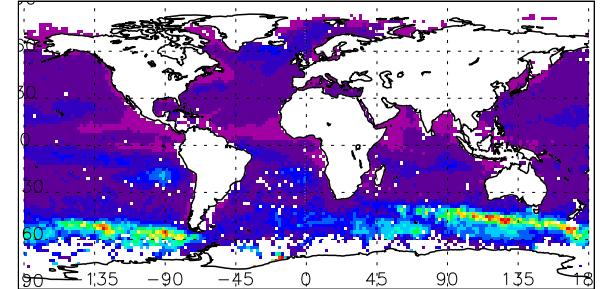
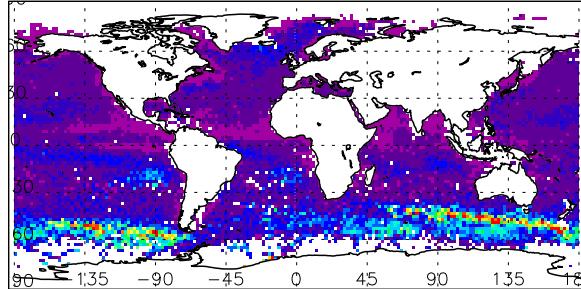
OCT, var: mld\_mindtr02\_binned [1] (m)



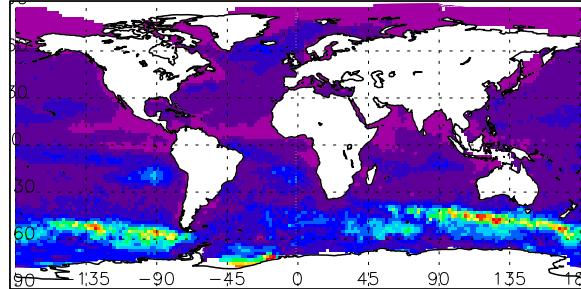
Min= 10.01 ( 1.001e+01 ) ; Max= 640.45 ( 6.404e+02 ) ; Int= 25.00 ( 2.500e+01 ) ; Max= 640.45 ( 6.404e+02 ) ; Int= 25.00 ( 2.500e+01 ) ; Max= 622.16 ( 6.222e+02 ) ; Int= 25.00 ( 2.500e+01 )



OCT, var: mld\_mindtr02\_binned\_rmoutliers [2] (m) OCT, var: mld\_mindtr02\_binned\_rmoutliers\_smth [3] (m)



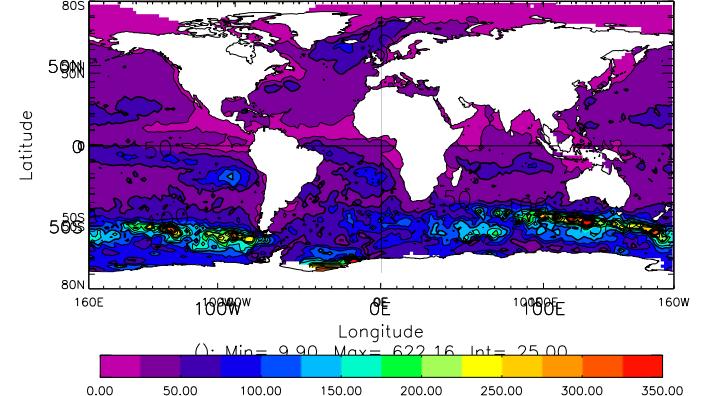
OCT, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg [4] (m)



Min= 9.90 ( 9.896e+00 ) ; Max= 622.16 ( 6.222e+02 ) ; Int= 25.00 ( 2.500e+01 )

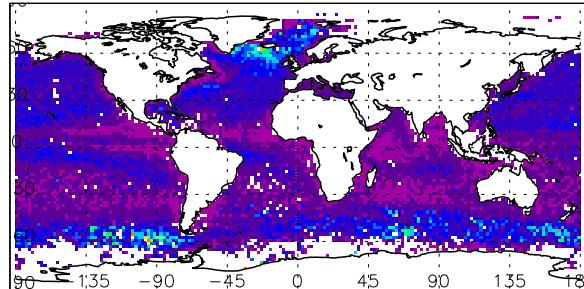


OCT, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg idem as [4] (m)



**mld\_mindtr02 [m], from in situ observations (PFL\_ARGO, CTD\_WOD13, CTD\_SEAOS, MRB\_TAO)**

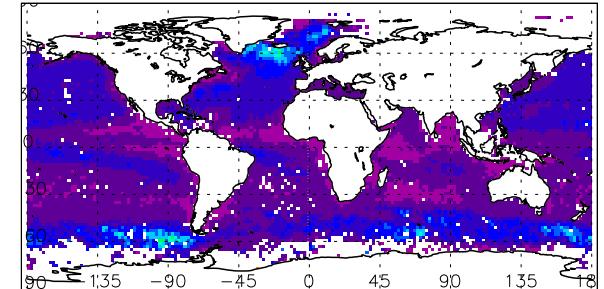
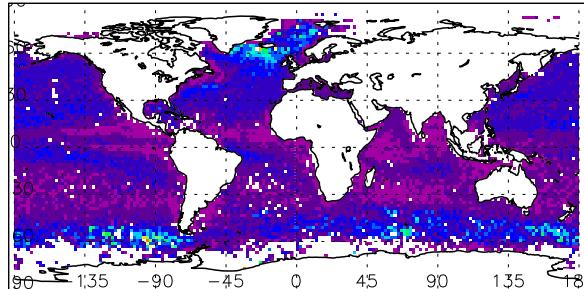
NOV, var: mld\_mindtr02\_binned [1] (m)



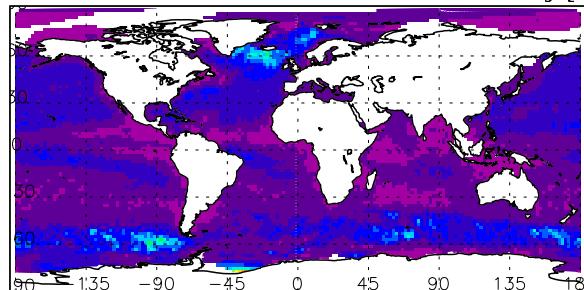
Min= 10.04 ( 1.004e+01 ) ; Max= 322.80 ( 3.228e+02 ) ; Int= 25.00 ( 2.000e+01 ) ; Max= 311.15 ( 3.111e+02 ) ; Int= 25.00 ( 2.000e+01 ) ; Max= 310.35 ( 3.103e+02 ) ; Int= 25.00 ( 2.500e+01 )

0.050.000.050.000.250.500.350.00

NOV, var: mld\_mindtr02\_binned\_rmoutliers [2] Npass=2 (m) NOV, var: mld\_mindtr02\_binned\_rmoutliers\_smth [3] (m)



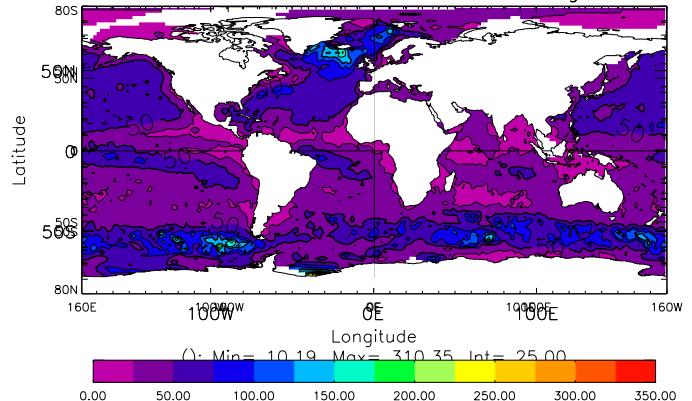
NOV, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg [4] (m)



Min= 10.19 ( 1.019e+01 ) ; Max= 310.35 ( 3.103e+02 ) ; Int= 25.00 ( 2.500e+01 )

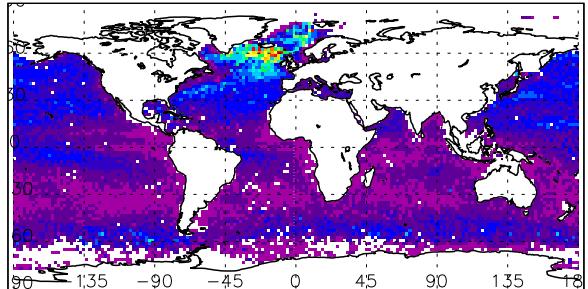
0.050.000.050.000.250.500.350.00

NOV, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg idem as [4] (m)



**mld\_mindtr02 [m], from in situ observations (PFL\_ARGO, CTD\_WOD13, CTD\_SEAOS, MRB\_TAO)**

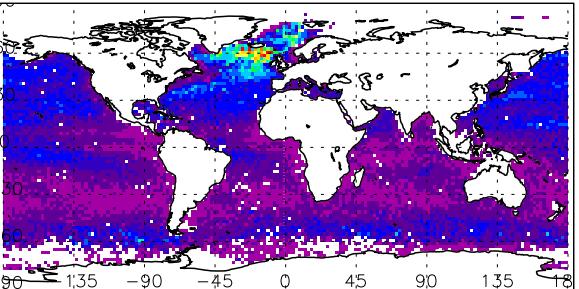
DEC, var: mld\_mindtr02\_binned [1] (m)



Min= 10.06 ( 1.006e+01 ) ; Max= 464.32 ( 4.643e+02 ) ; Int= 25.00 ( 2.500e+01 ) ; Max= 464.32 ( 4.643e+02 ) ; Int= 25.00 ( 2.500e+01 ) ; Max= 333.06 ( 3.331e+02 ) ; Int= 25.00 ( 2.500e+01 )

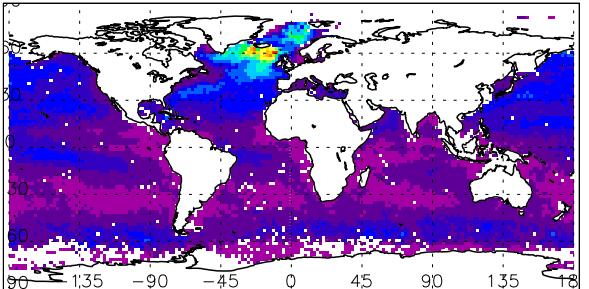
0.050.000.050.000.250.500.350.00

DEC, var: mld\_mindtr02\_binned\_rmoutliers [2] Npass=2 (m)



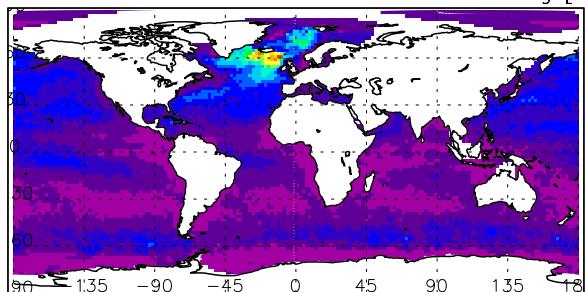
0.050.000.050.000.250.500.350.00

DEC, var: mld\_mindtr02\_binned\_rmoutliers\_smth [3] (m)



0.050.000.050.000.250.500.350.00

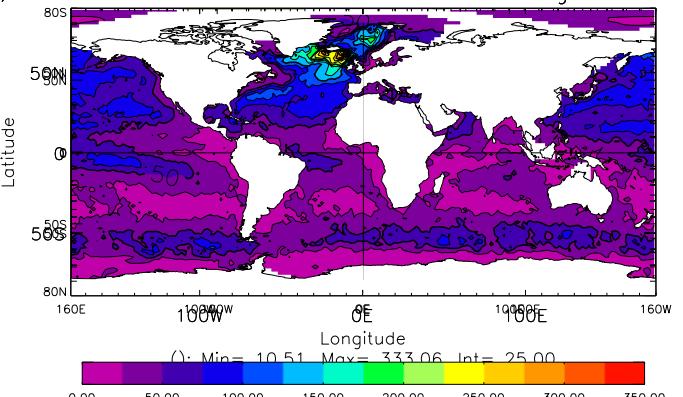
DEC, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg [4] (m)



Min= 10.51 ( 1.051e+01 ) ; Max= 333.06 ( 3.331e+02 ) ; Int= 25.00 ( 2.500e+01 )

0.050.000.050.000.250.500.350.00

DEC, var: mld\_mindtr02\_binned\_rmoutliers\_smth\_okrg idem as [4] (m)



(\*) Min= 10.51 Max= 333.06 Int= 25.00  
0.00 50.00 100.00 150.00 200.00 250.00 300.00 350.00