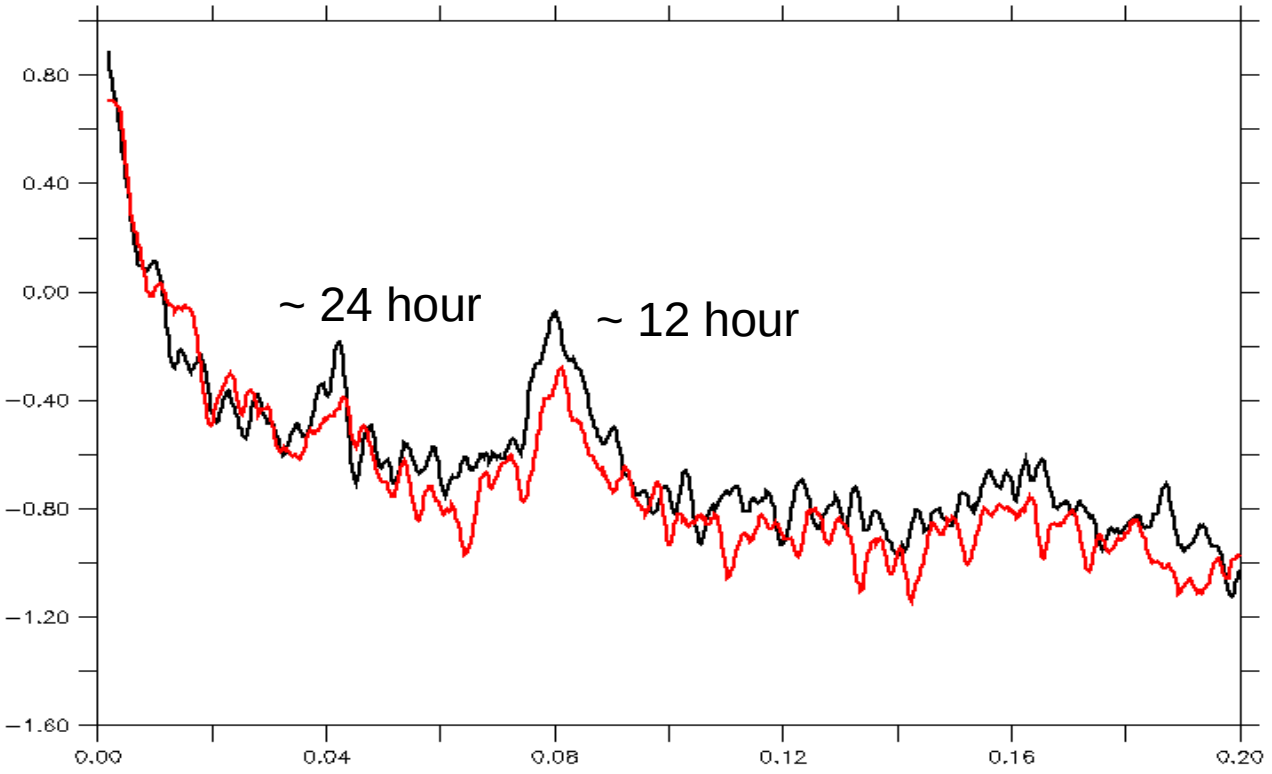
GROUP - 9

FFT analysis of Temperature and current data at equator

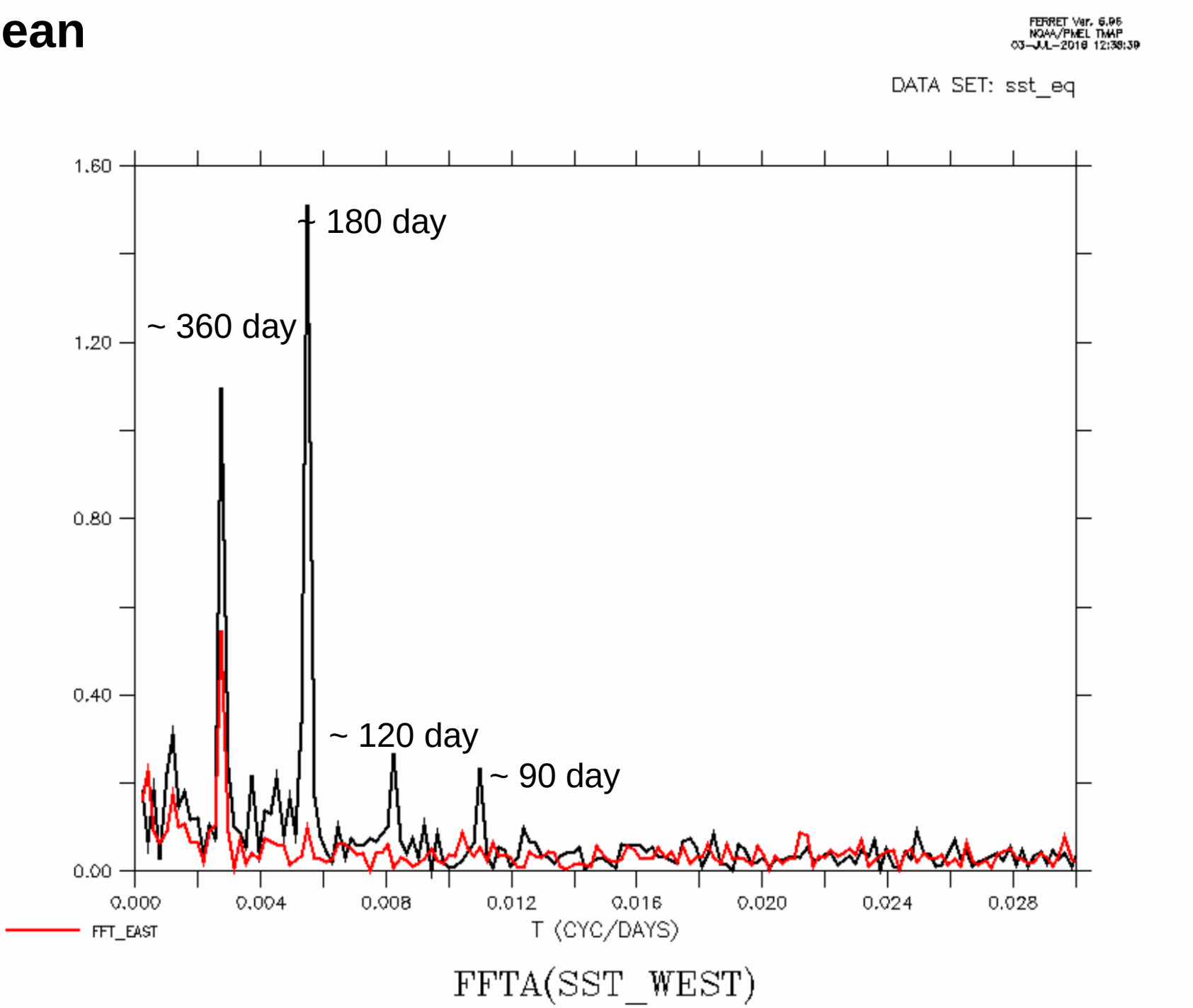
FFT of Cuurent (1.5S, 80 E)

U component
V component



Only 5 month data

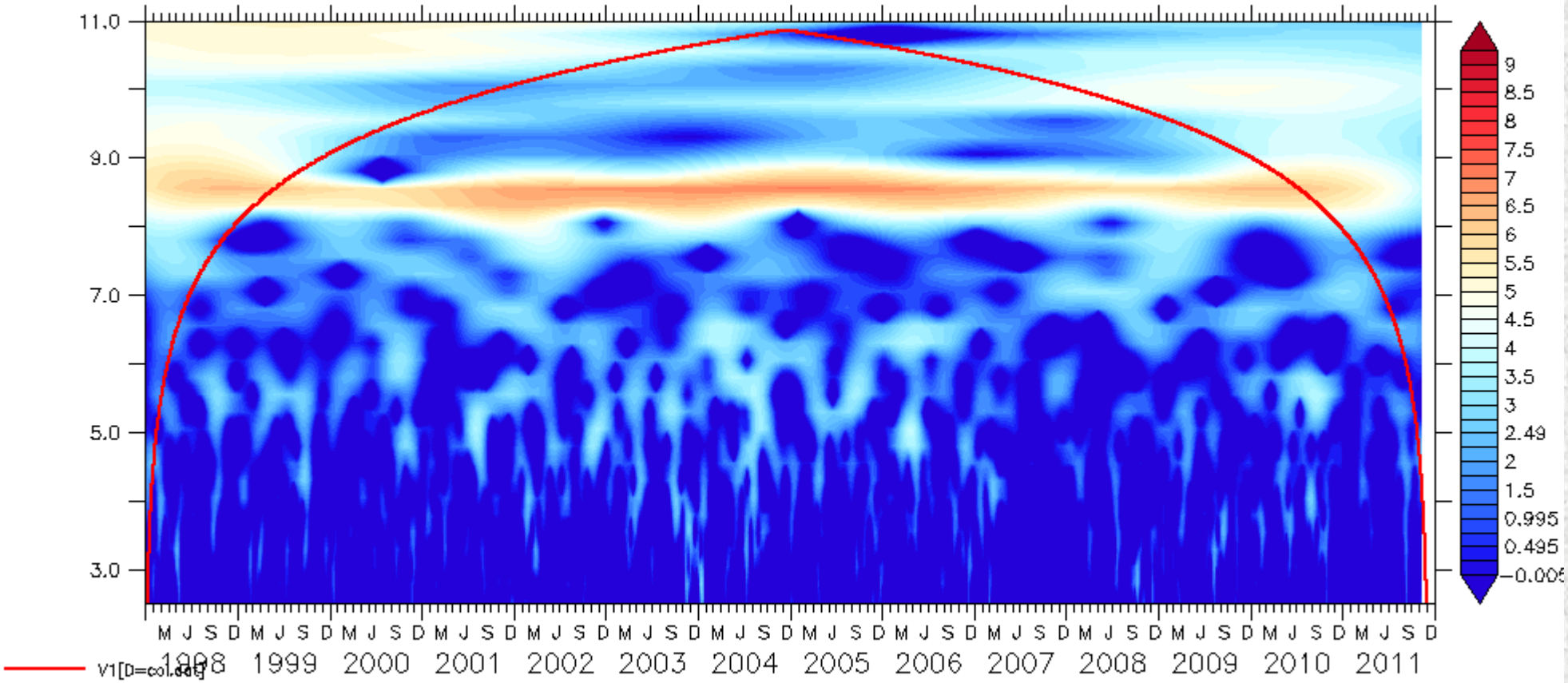
FFT for SST data at western and eastern equatorial Indian ocean



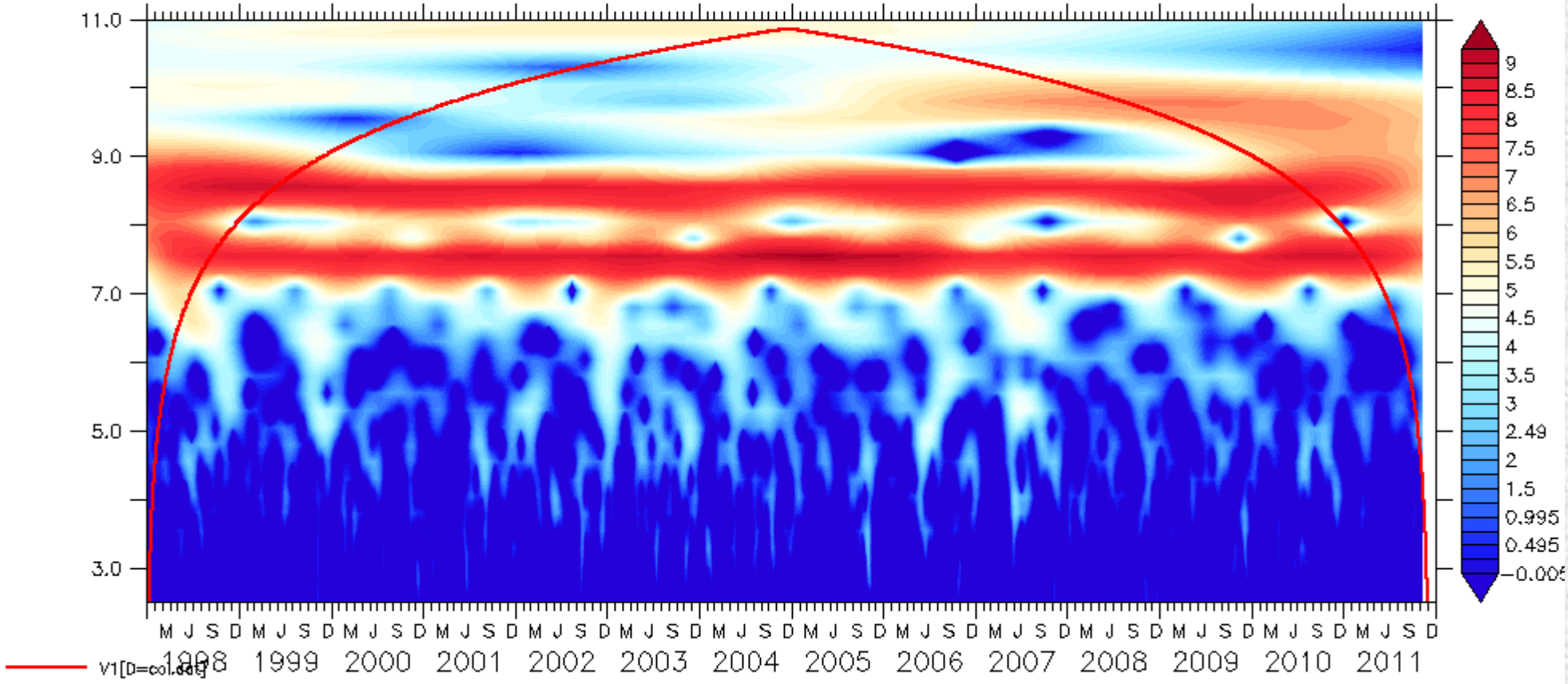
Wavelet analysis of current data at eastern and western part of quator

East - *1.5 -2.5 N & 90-95 E*
West - *1.5 -2.5 N & 50-55 E*

Wavelet East

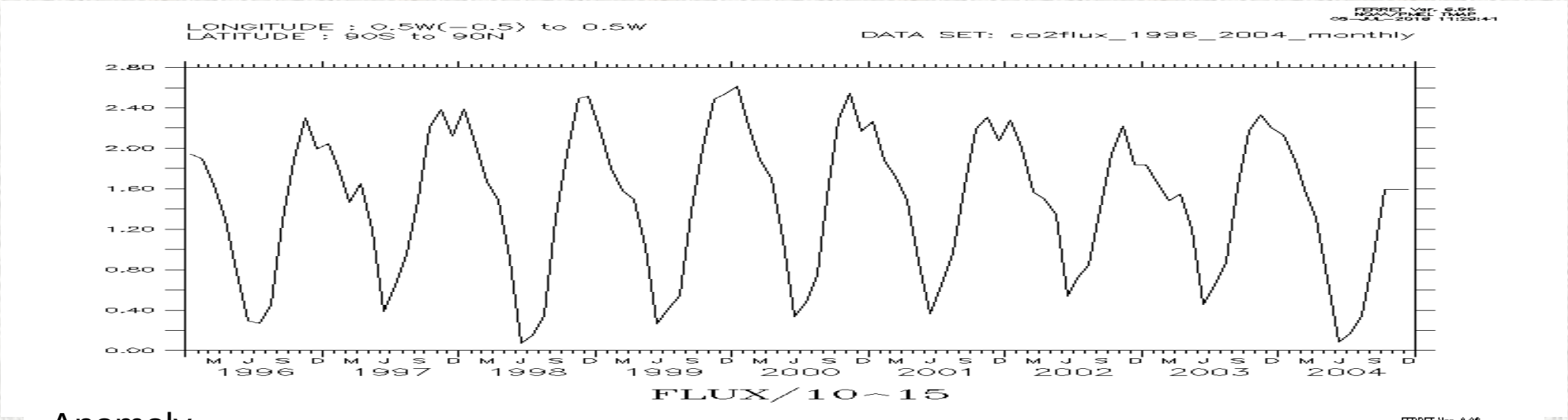


Wavelet West

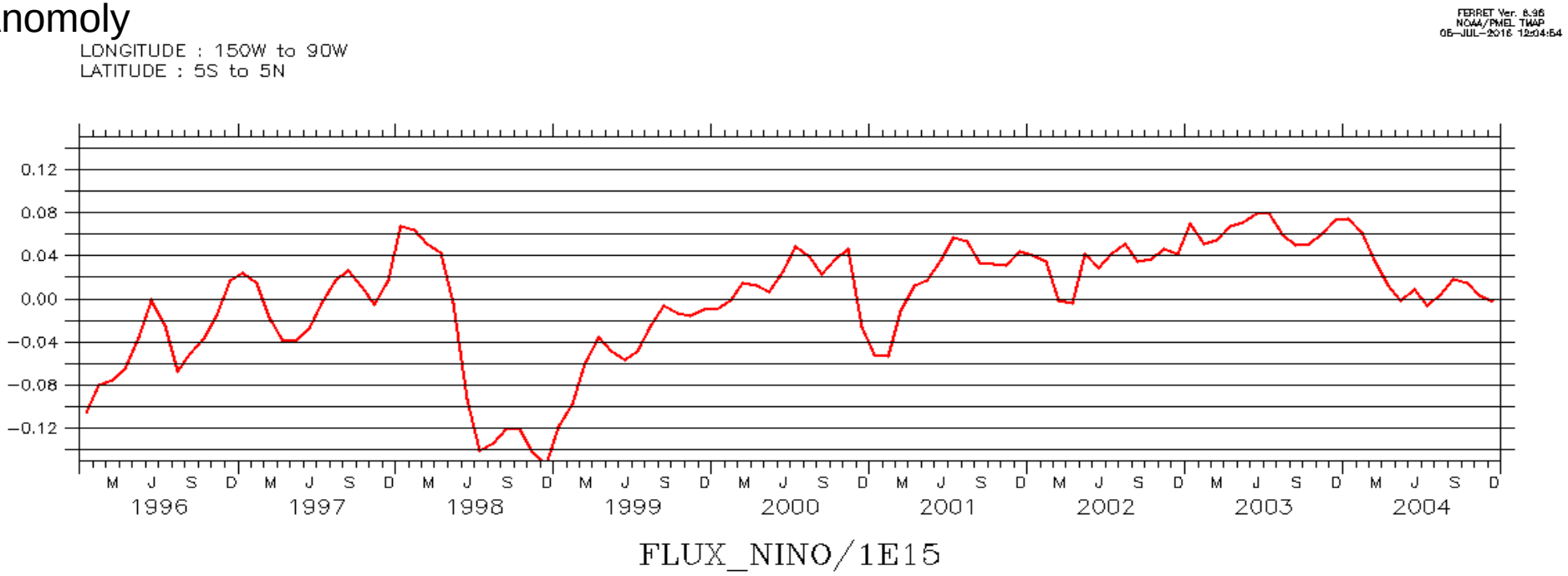


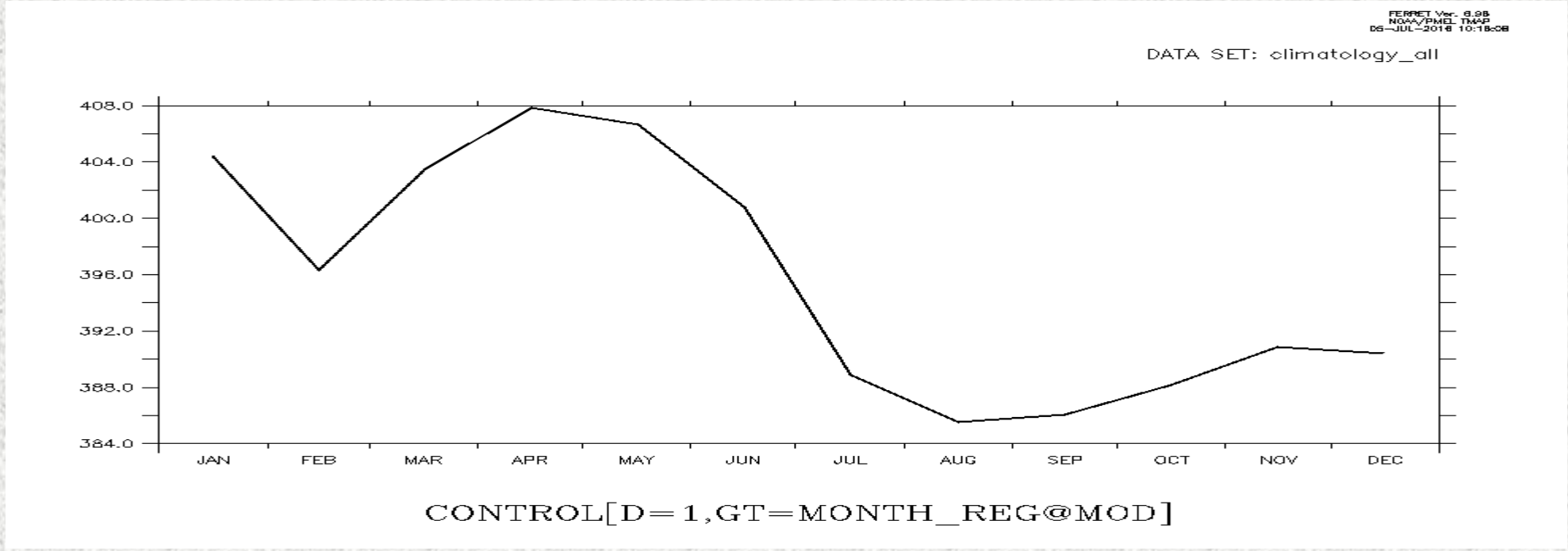
CO2 flux [NINO-3]

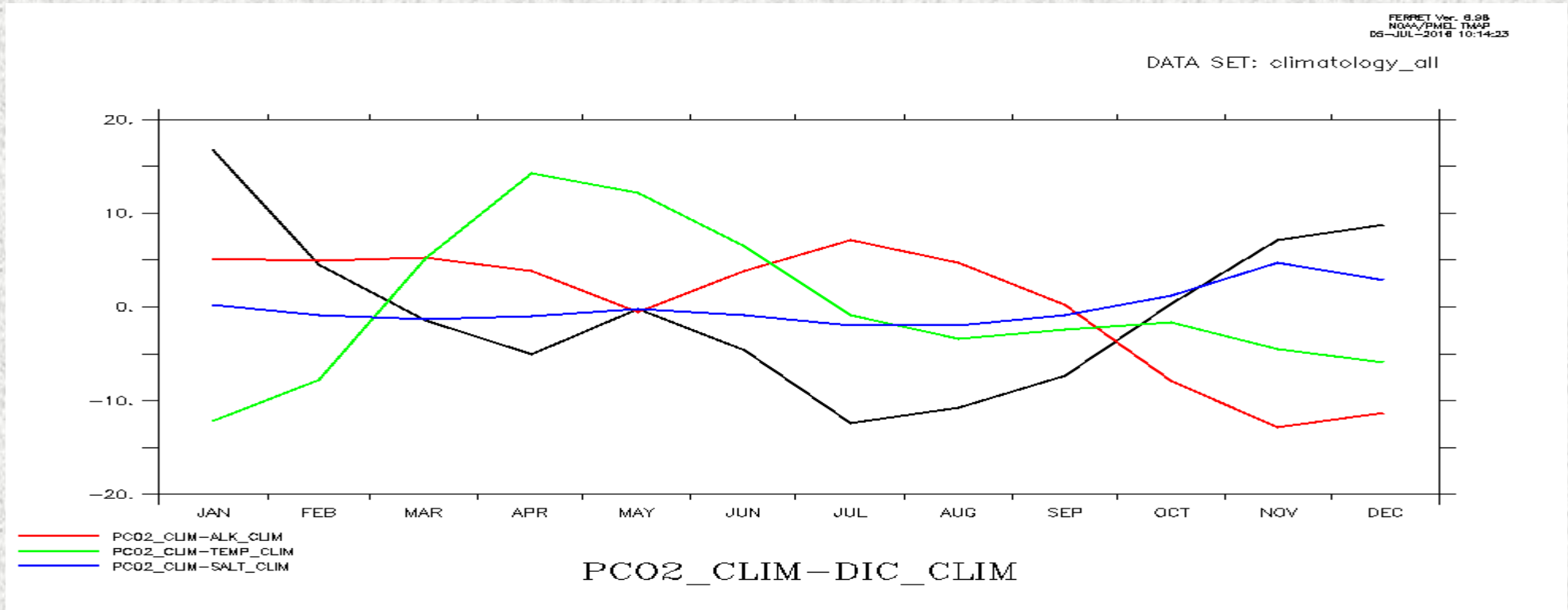
Annual variation



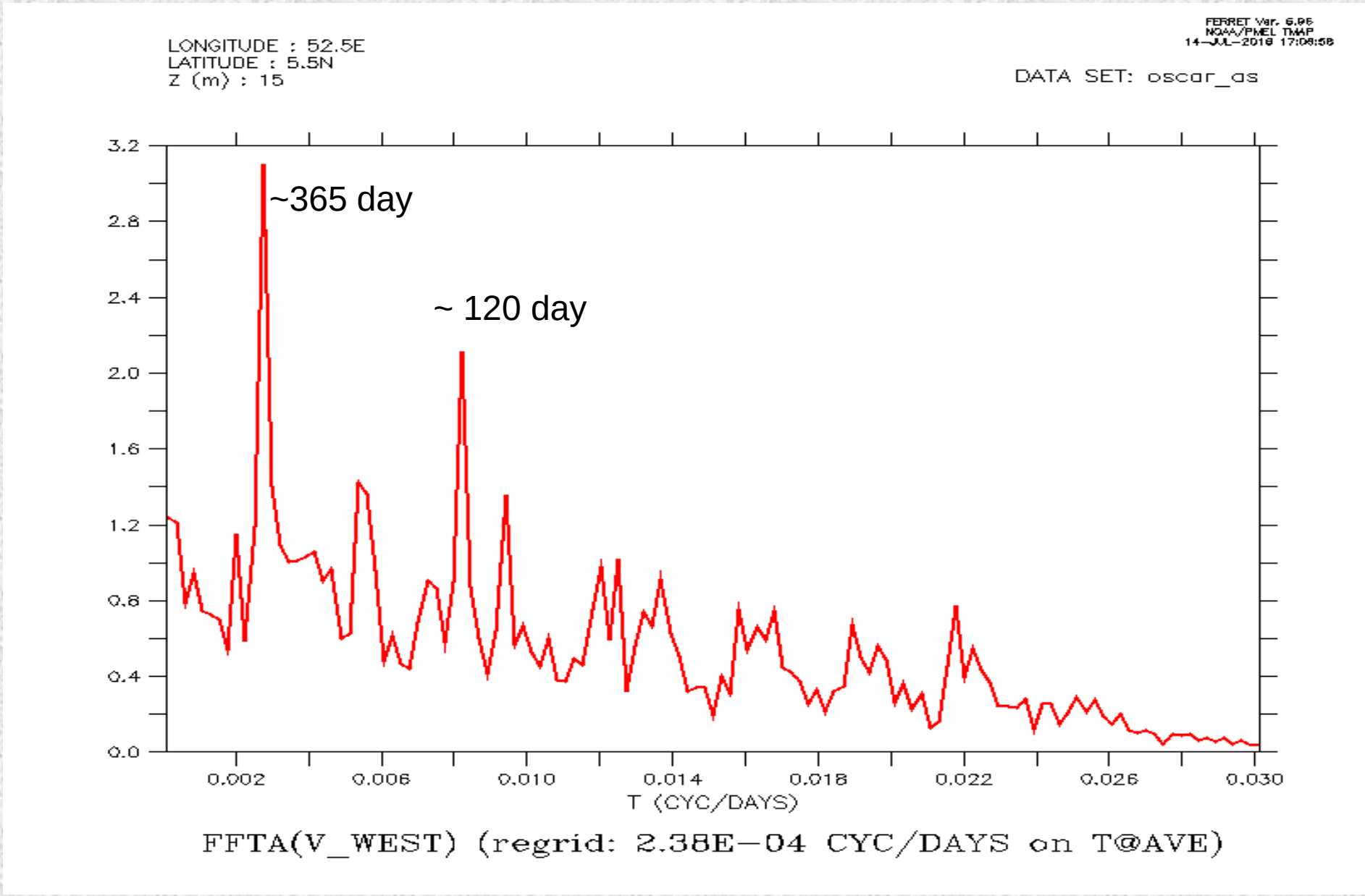
Anomoly



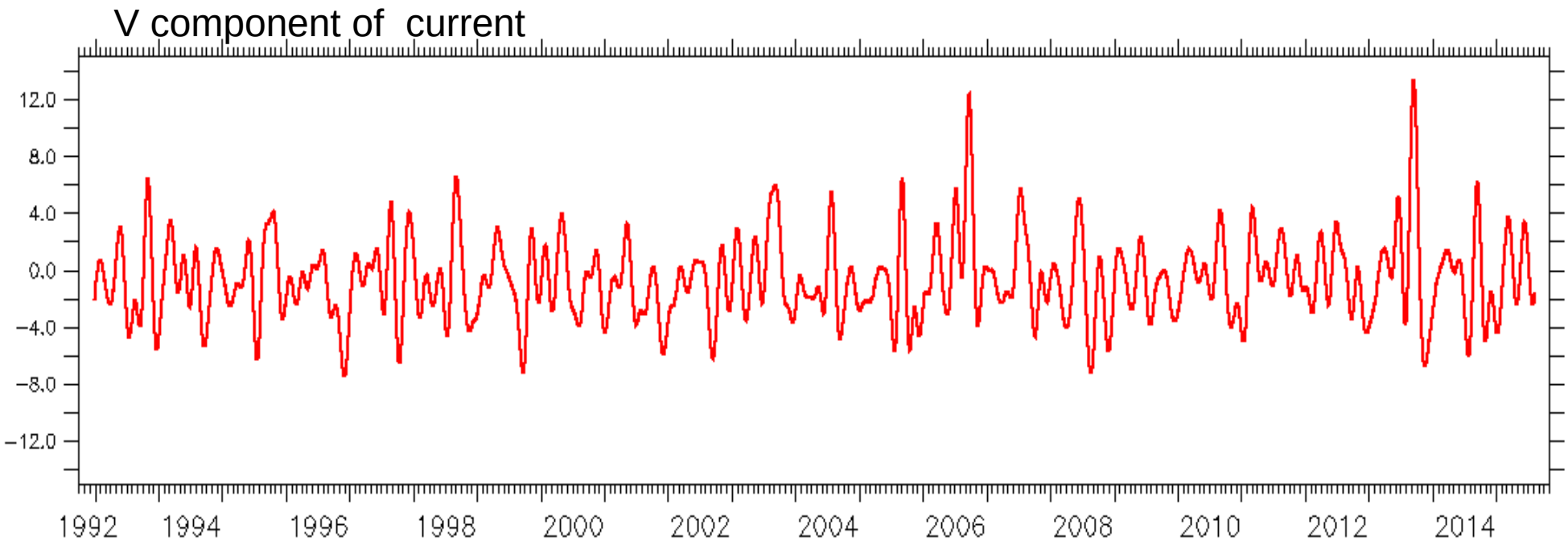

FERRET Ver. 6.98
NOAA/PMEL TMAP
05-JUL-2016 10:18:08
DATA SET: climatology_all
408.0
404.0
400.0
396.0
392.0
388.0
384.0
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
CONTROL[D=1,GT=MONTH_REG@MOD]


FERRET Ver. 6.98
NOAA/PMEL TMAP
05-JUL-2016 10:14:23
DATA SET: climatology_all
20.
10.
0.
-10.
-20.
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
PCO2_CLIM-ALK_CLIM
PCO2_CLIM-TEMP_CLIM
PCO2_CLIM-SALT_CLIM
PCO2_CLIM-DIC_CLIM

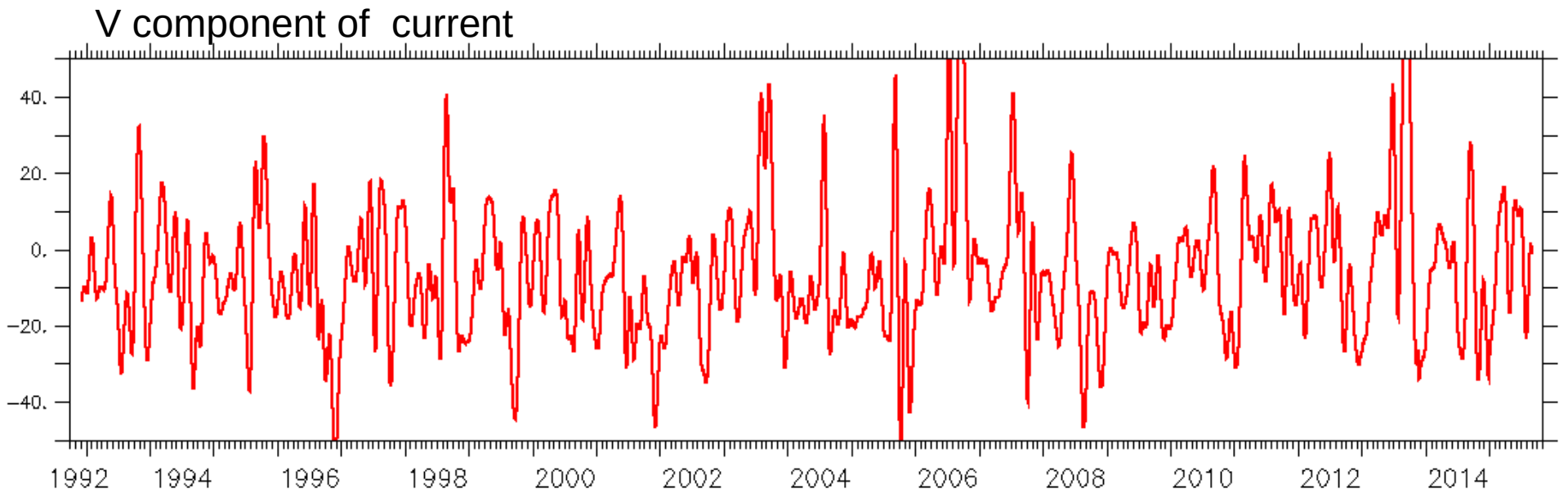
FFT of meridional velocity (5.5 N and 52.5E, oscar data)



Bandpass (100-140 days)



Lowpass (100 days)



THANK YOU