

gdb ../bin/mode

run ../data/sample_fcst/2005080700/wrfprs_ruc13_12.tm00_G212
../data/sample_fcst/2005080712/wrfprs_ruc13_00.tm00_G212 -config
config/WrfModeConfig_RH -outdir ../out/mode -v5

Grib Record:

gds_flag: 1
bms_flag: 1
nx: 185
ny: 129
m_value: 1.00000
b_value: 1.00000
r_value: 1.00000
d_value: 0
e_value: 0
issue: 1123372800
lead: 43200
word_size: 7
record_lseek_offset: 3045086
data_lseek_offset: 3048165
mask: 127

Sec 0 (IS) offset in file 3045086, offset in record 0

Sec 1 (PDS) offset in file 3045094, offset in record 8

Sec 2 (GDS) offset in file 3045122, offset in record 36

Sec 3 (BMS) offset in file 3045164, offset in record 78

Sec 4 (BDS) offset in file 3048154, offset in record 3068

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Grib Record Index = 237

Initialization time = 1123372800

Valid time = 1123416000

Accumulation time = 0

Grib Record (min, max) = (1.00000, 100.00000)

Searching grib observation file for grib code 52 with accumulation/level indicat
or of P500.

GRIB RECORD:

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Section 0 (IS):

octet 1: 71
octet 2: 82
octet 3: 73
octet 4: 66
octet 5: 0

octet 6: 60
octet 7: 116
octet 8: 1

grib_name: GRIB
length: 15476
ed_num: 1

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Section 1 (PDS):

octet 1: 0
octet 2: 0
octet 3: 28
octet 4: 2
octet 5: 59

octet 6: 89
octet 7: 212
octet 8: 192
octet 9: 52
octet 10: 100

octet 11: 1
octet 12: 244
octet 13: 5
octet 14: 8
octet 15: 7

octet 16: 12
octet 17: 0
octet 18: 1
octet 19: 0
octet 20: 0

octet 21: 0

octet 22: 0
octet 23: 0
octet 24: 0
octet 25: 21

octet 26: 0
octet 27: 0
octet 28: 0

length: 28
ptv: 2
center_id: 59
process_id: 89
grid_id: 212
flag: 192
grib_code: 52
type: 100
level_info: 1 244
year: 5
month: 8
day: 7
hour: 12
minute: 0
fcst_unit: 1
p1: 0
p2: 0
tri: 0
nia: 0
nma: 0
century: 21
sub_center: 0
d_value: 0



Section 2 (GDS):

octet 1: 0
octet 2: 0
octet 3: 42
octet 4: 0
octet 5: 255

octet 6: 3
octet 7: 0

octet 8: 185
octet 9: 0
octet 10: 129

octet 11: 0
octet 12: 47
octet 13: 158
octet 14: 130
octet 15: 9

octet 16: 83
octet 17: 8
octet 18: 129
octet 19: 115
octet 20: 24

octet 21: 0
octet 22: 158
octet 23: 187
octet 24: 0
octet 25: 158

octet 26: 187
octet 27: 0
octet 28: 64
octet 29: 0
octet 30: 97

octet 31: 168
octet 32: 0
octet 33: 97
octet 34: 168
octet 35: 0

octet 36: 0
octet 37: 0
octet 38: 0
octet 39: 0
octet 40: 0

octet 41: 0
octet 42: 0

length: 42
nv: 0

pvpl: 255
type: 3
nx: 185
ny: 129

lat1: 12190
lon1: 8522067
res_flag: 8
lov: 8483608
dx: 40635
dy: 40635
pc_flag: 0
scan_flag: 64
latin1: 25000
latin2: 25000
lat_sp: 0
lon_sp: 0

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Section 3 (BMS):

octet 1: 0
octet 2: 11
octet 3: 174
octet 4: 7
octet 5: 0

octet 6: 0

length: 2990
num: 7
flag: 0

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Section 4 (BDS):

octet 1: 0
octet 2: 48
octet 3: 116
octet 4: 10
octet 5: 0

octet 6: 0

octet 7: 65
octet 8: 80
octet 9: 0
octet 10: 0

octet 11: 7
octet 12: 58

length: 12404
flag: 10
e_value: 0
r_value: 65 80 0 0
size: 7
data_start: 58

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Grib Record:

gds_flag: 1
bms_flag: 1
nx: 185
ny: 129
m_value: 1.00000
b_value: 5.00000
r_value: 5.00000
d_value: 0
e_value: 0
issue: 1123416000
lead: 0
word_size: 7
record_lseek_offset: 3061024
data_lseek_offset: 3064103
mask: 127

Sec 0 (IS) offset in file 3061024, offset in record 0

Sec 1 (PDS) offset in file 3061032, offset in record 8

Sec 2 (GDS) offset in file 3061060, offset in record 36

Sec 3 (BMS) offset in file 3061102, offset in record 78

Sec 4 (BDS) offset in file 3064092, offset in record 3068

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Grib Record Index = 237
Initialization time = 1123416000
Valid time = 1123416000
Accumulation time = 0
Grib Record (min, max) = (5.00000, 100.00000)
Model Verification Field: RH at ISBL_500
Identifying objects in the forecast and observation fields...