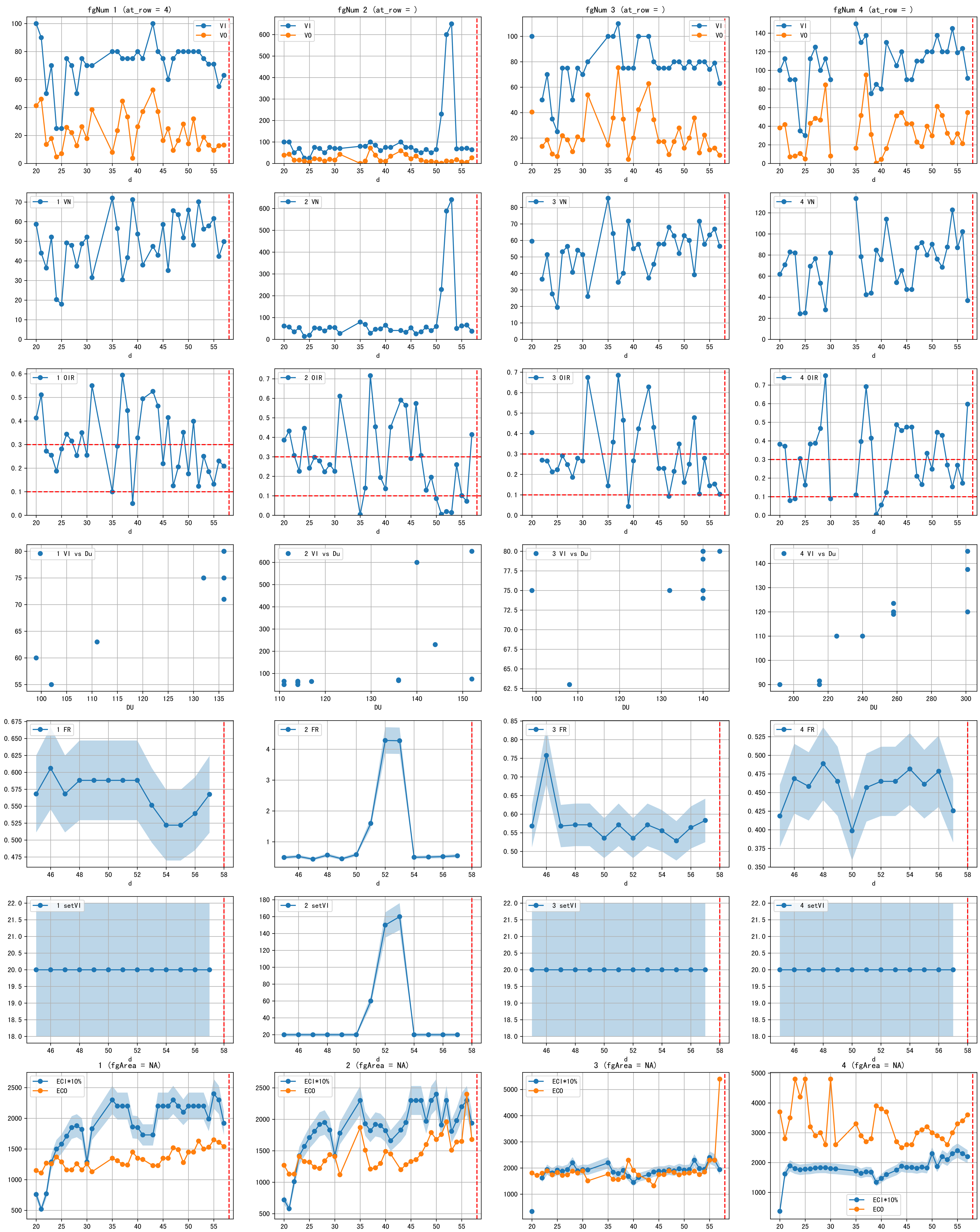
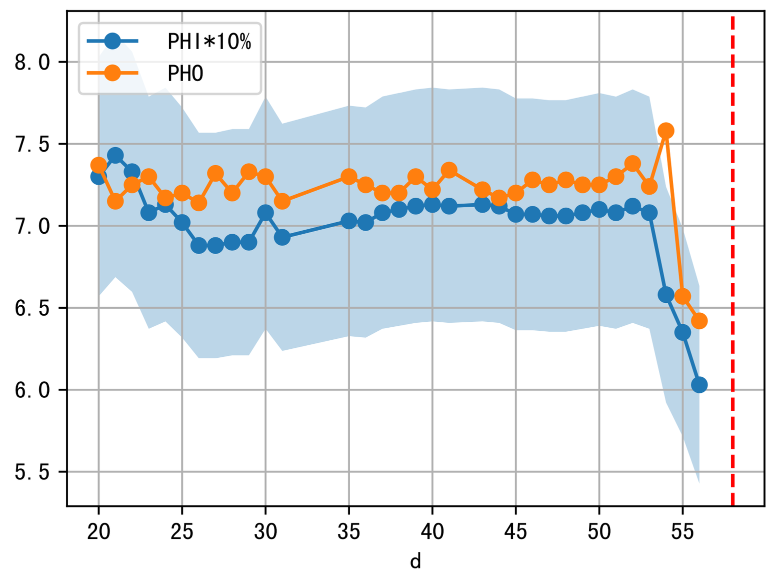
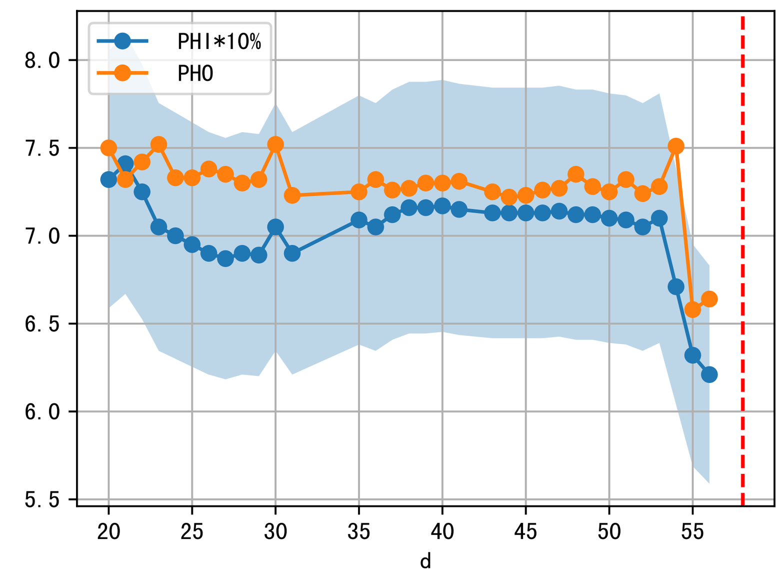
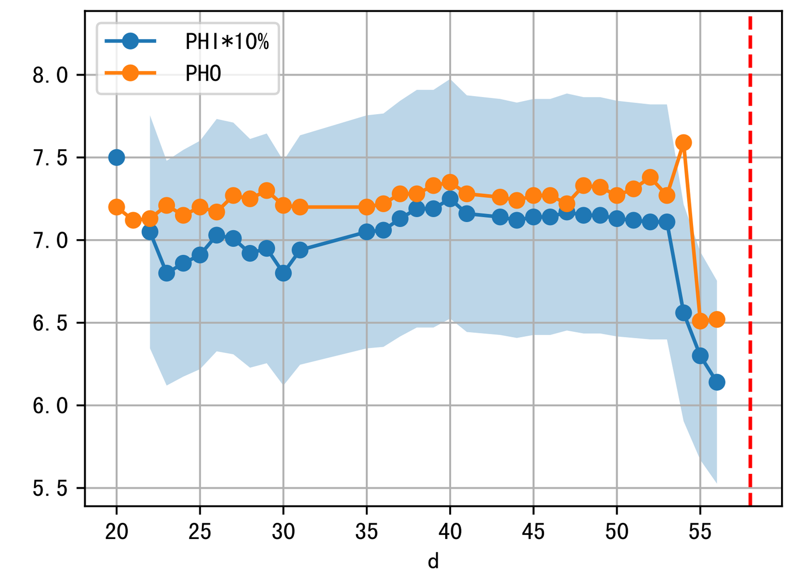
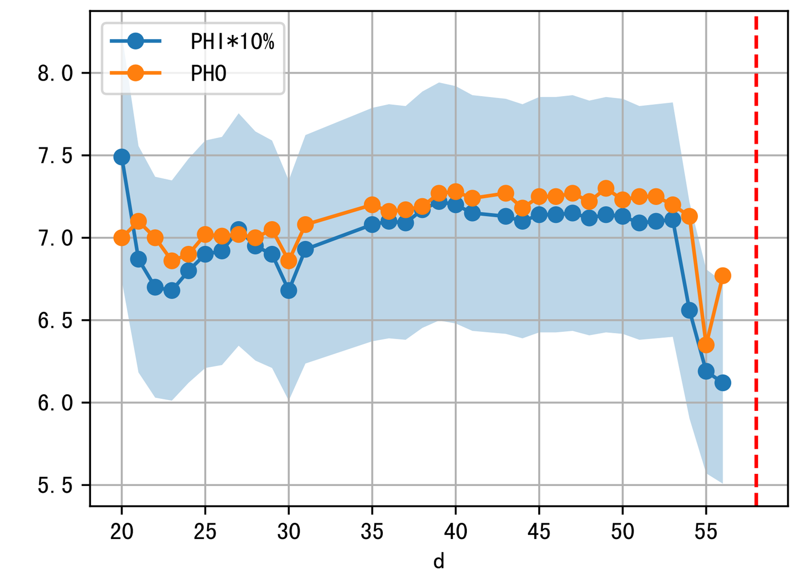
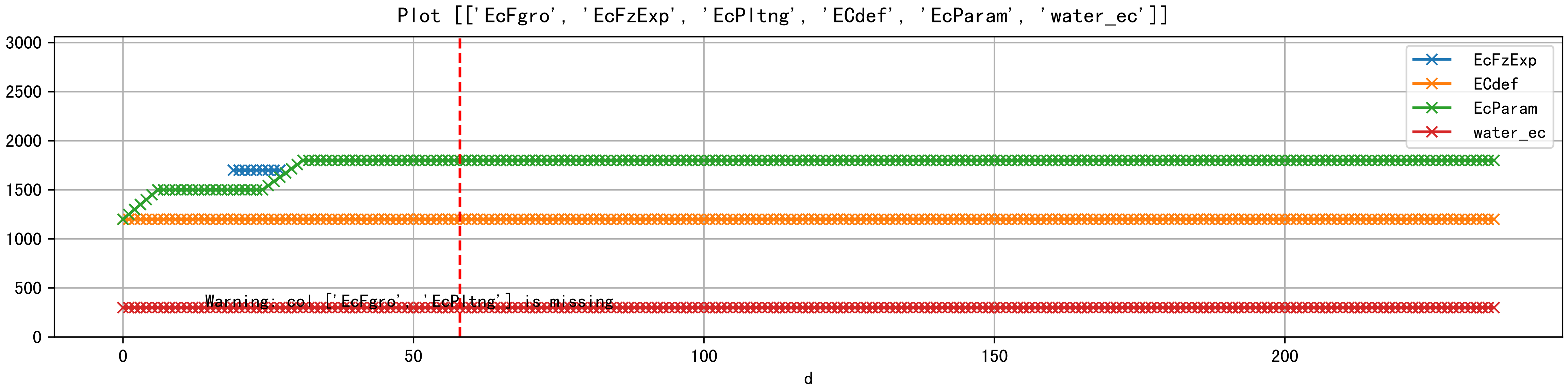
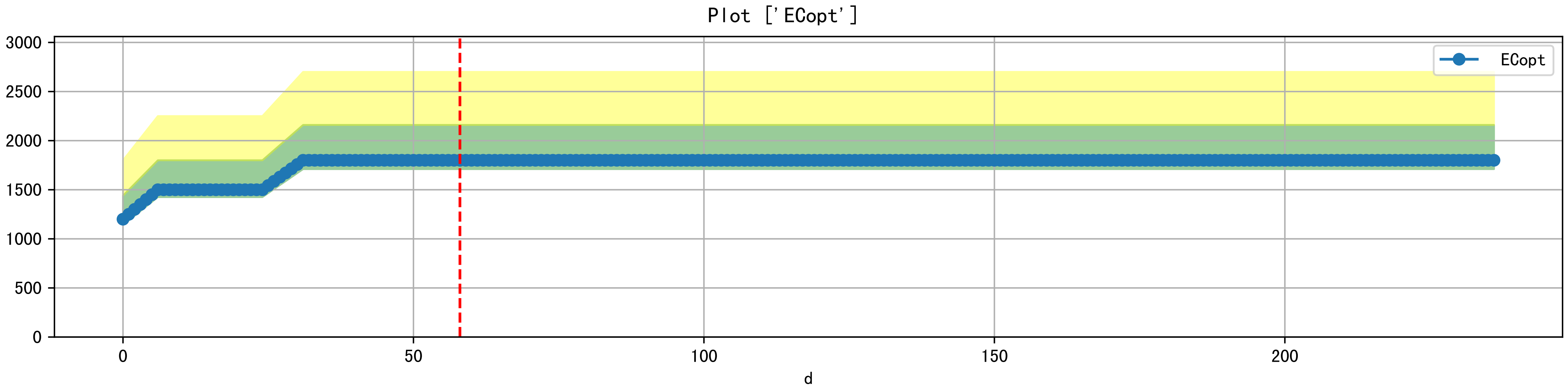
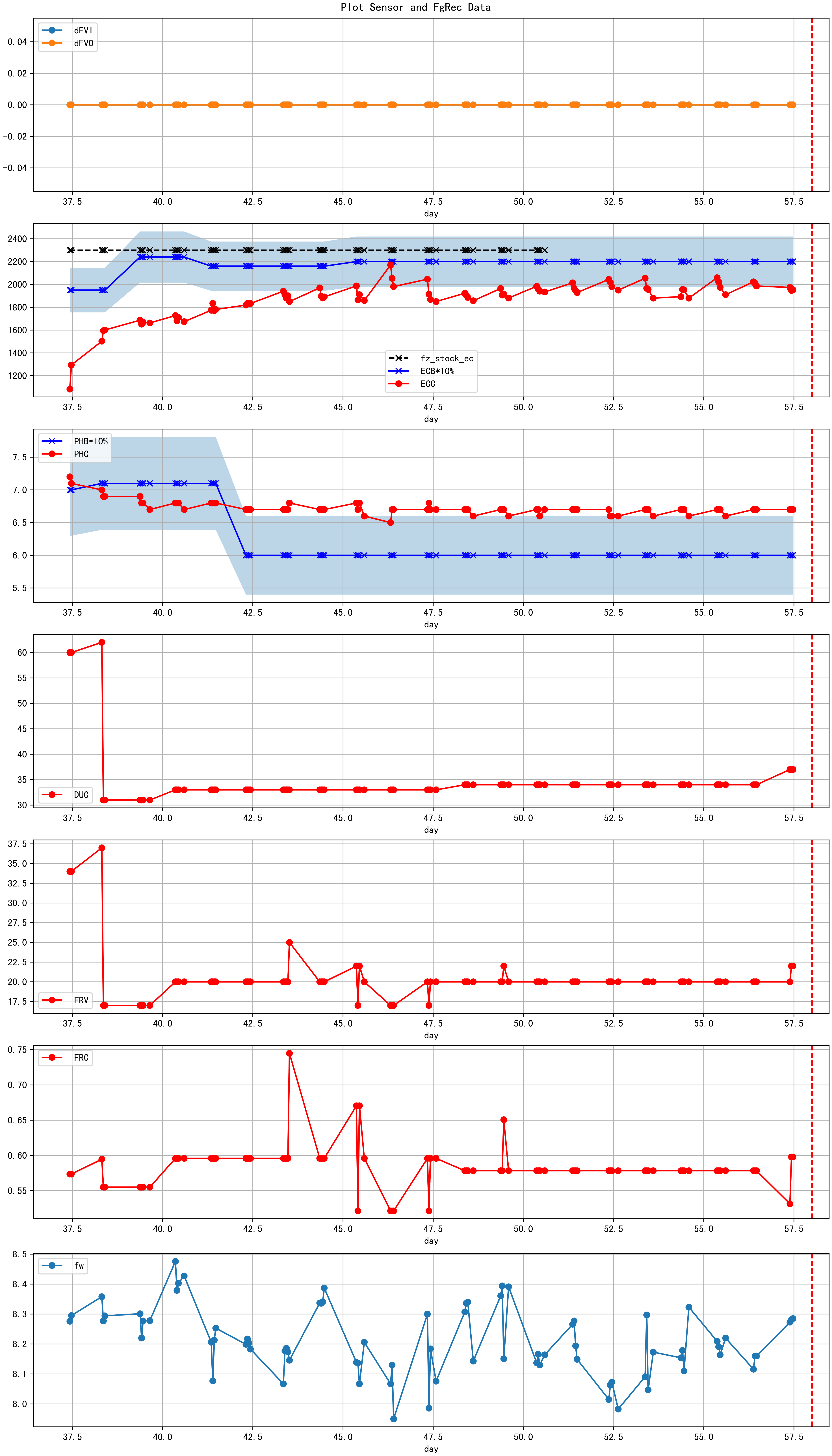
FgArea: ['1']
NJ15 L1
2025-12-03 (Day 58)


fgNum 1 (at_row = 4)
fgNum 2 (at_row =)
fgNum 3 (at_row =)
fgNum 4 (at_row =)
VI
VO
1 VN
2 VN
3 VN
4 VN
1 OIR
2 OIR
3 OIR
4 OIR
1 VI vs Du
2 VI vs Du
3 VI vs Du
4 VI vs Du
DU
1 FR
2 FR
3 FR
4 FR
1 setVI
2 setVI
3 setVI
4 setVI
1 (fgArea = NA)
2 (fgArea = NA)
3 (fgArea = NA)
4 (fgArea = NA)
ECI*10%
ECO
d

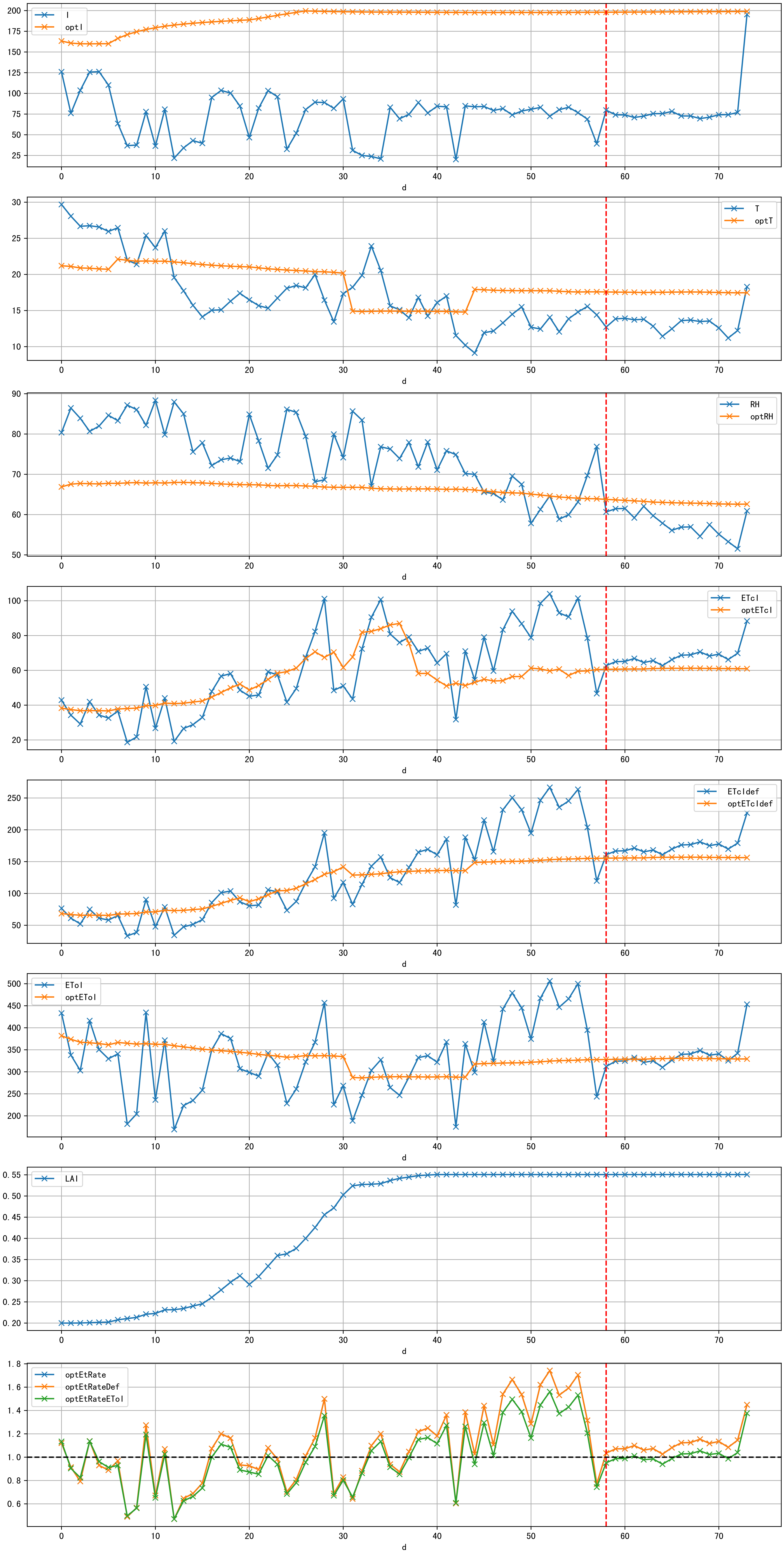

PHI*10%
PHO
d

PHI*10%
PHO
d

PHI*10%
PHO
d

PHI*10%
PHO
d

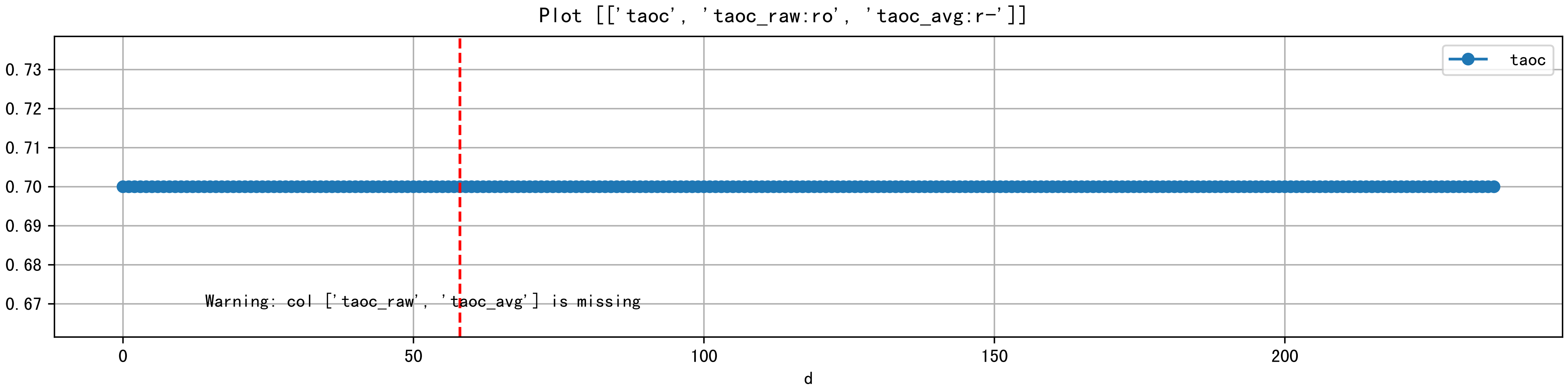

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d


Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d

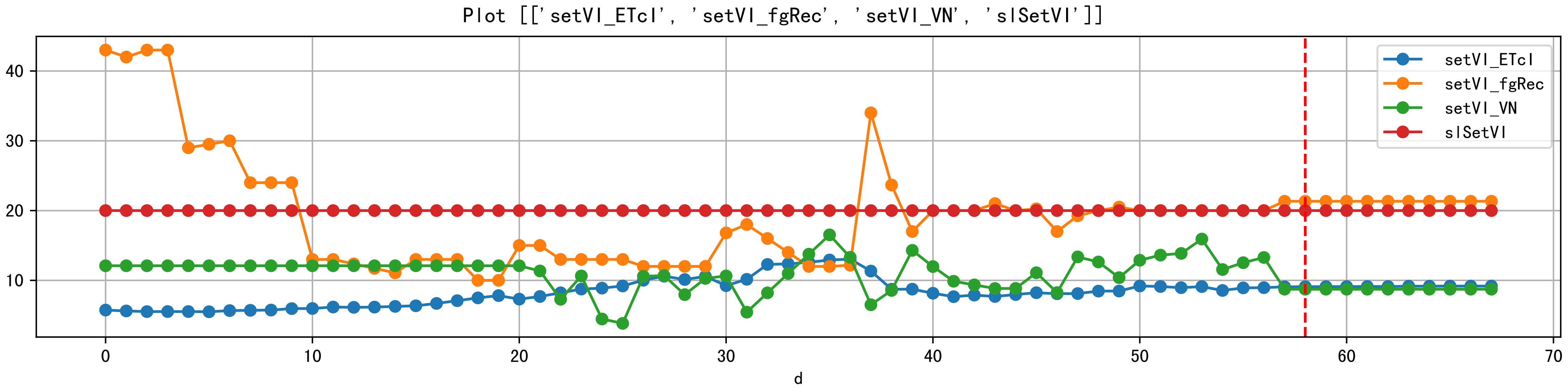

Plot Sensor and FgRec Data
dFVI
dFVO
fz_stock_ec
ECB*10%
ECC
PHB*10%
PHC
DUC
FRV
FRC
fw
day

l'], ['T', 'optT'], ['RH', 'optRH'], ['ETcl', 'optETcl'], ['ETcldef', 'optETcldef'], ['ETol', 'optETol'], 'LAI', ['optEtRate', 'optEtRateDef',

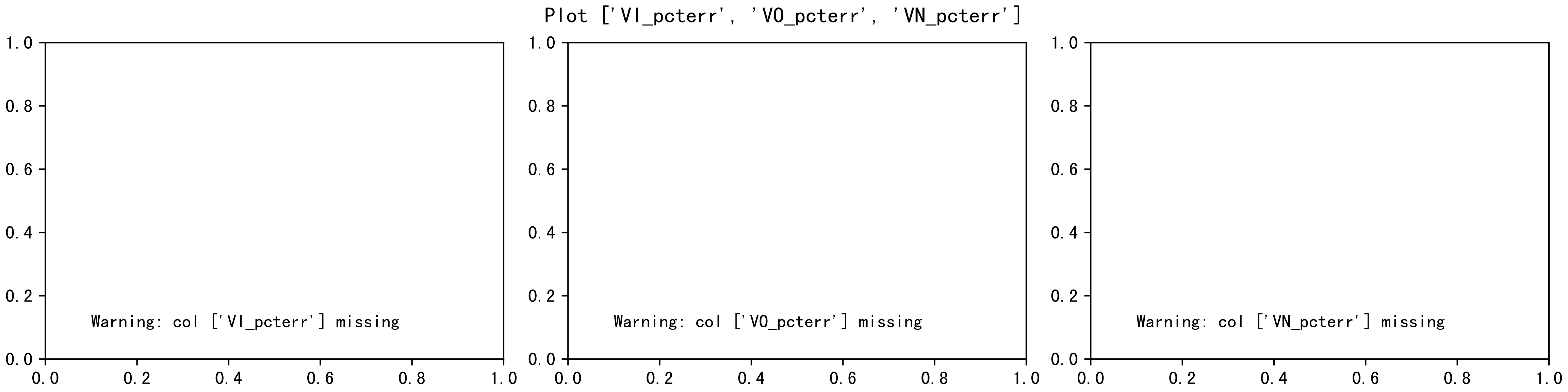


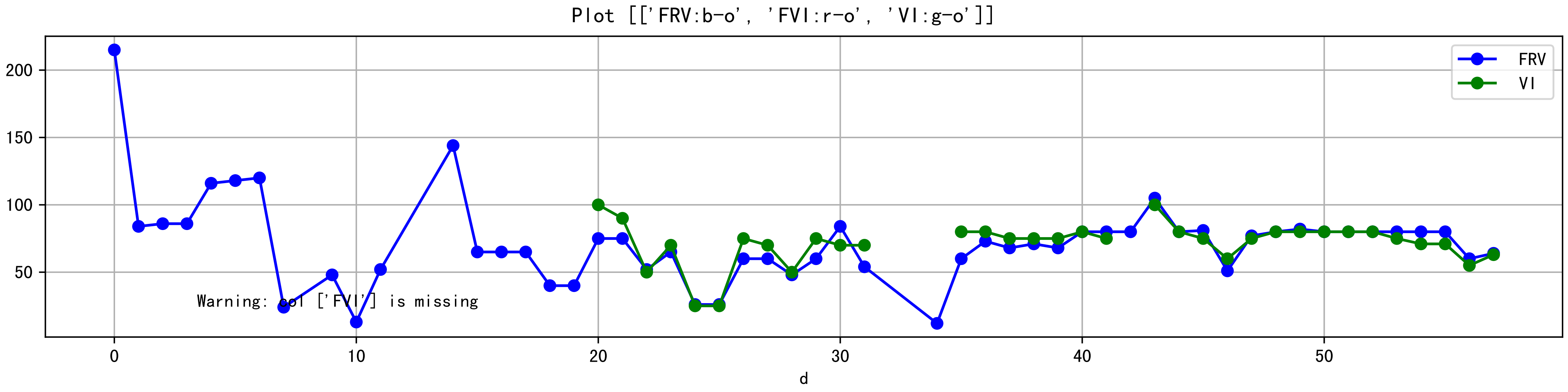


Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
taoc
0.73
0.72
0.71
0.70
0.69
0.68
0.67
Warning: col ['taoc_raw', 'taoc_avg'] is missing
0
50
100
150
200
d

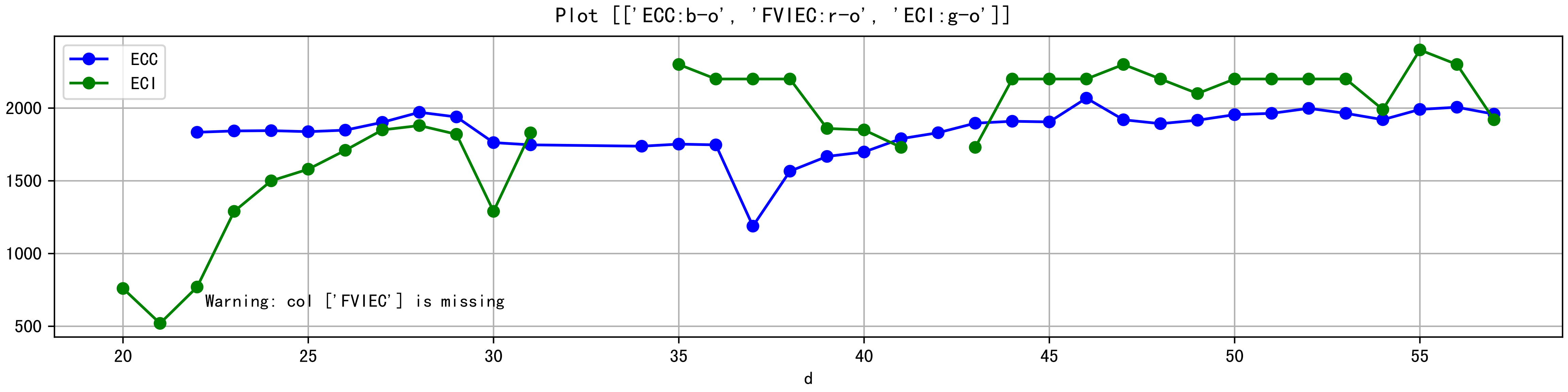


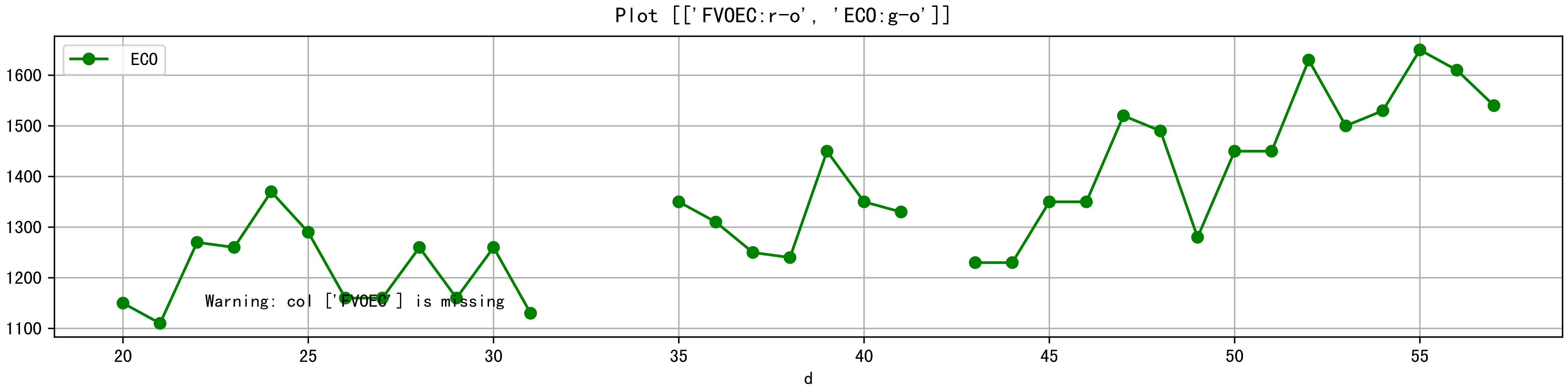
Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
40
30
20
10
0
10
20
30
40
50
60
70
d


Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

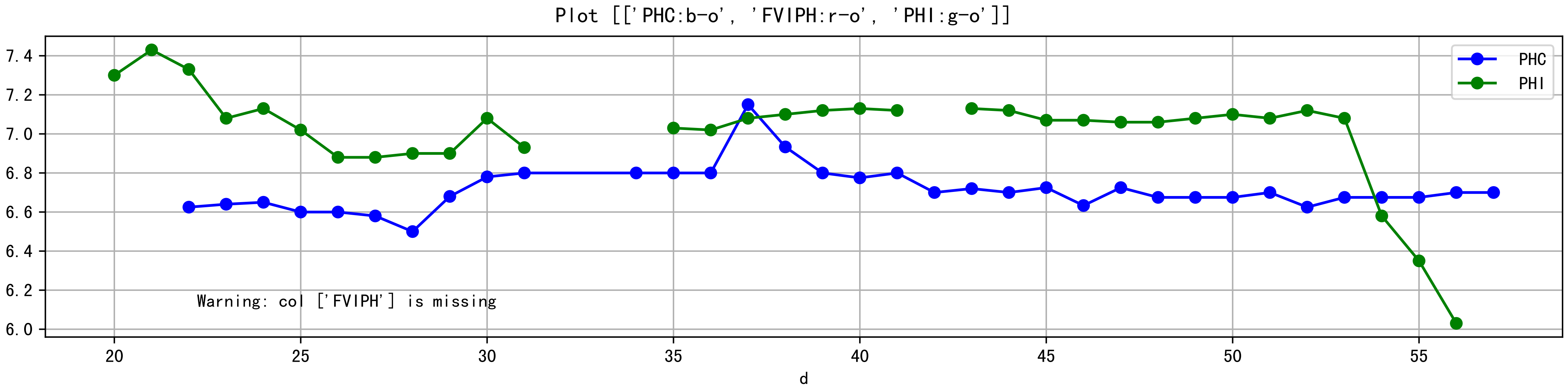


Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
200
150
100
50
0
10
20
30
40
50
d

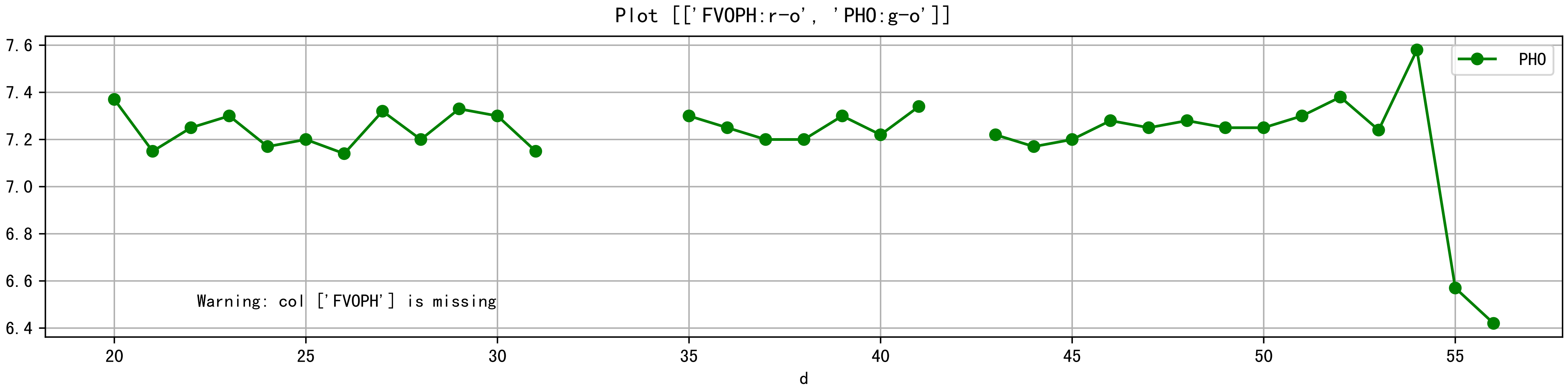

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
2000
1500
1000
500
20
25
30
35
40
45
50
55
d

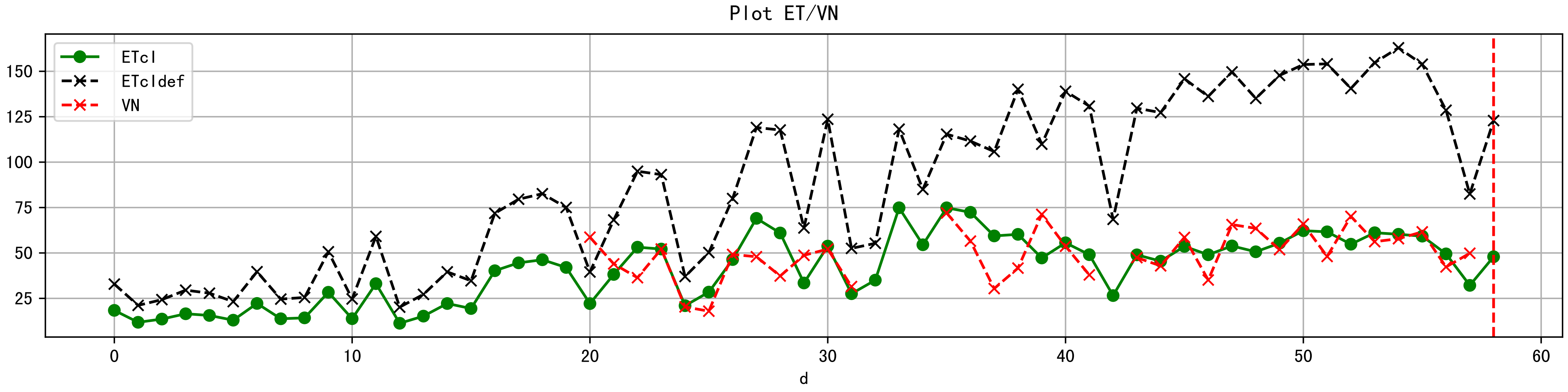


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
1100
1200
1300
1400
1500
1600
20
25
30
35
40
45
50
55
d

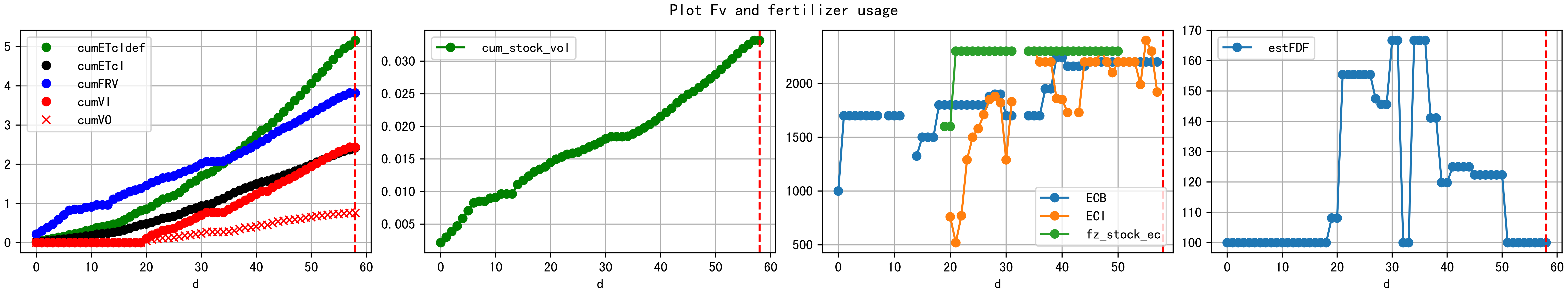


Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.4
7.2
7.0
6.8
6.6
6.4
6.2
6.0
20
25
30
35
40
45
50
55
d

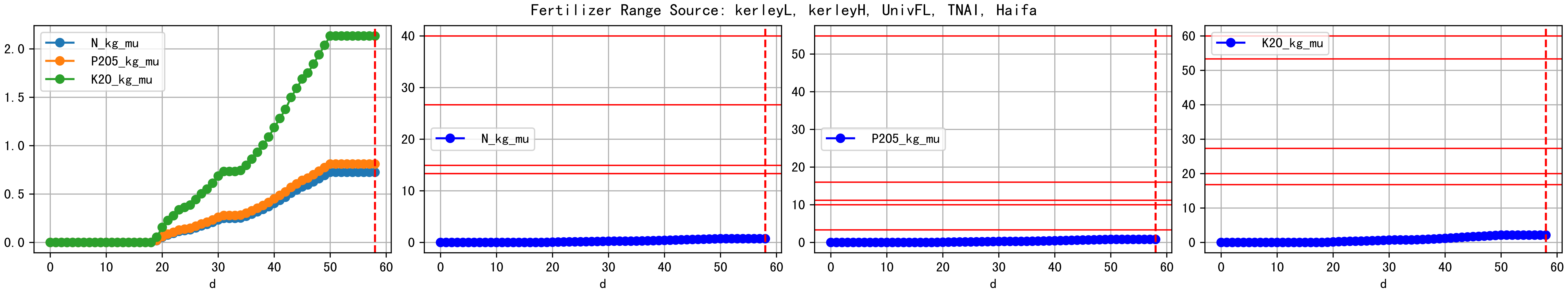

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.6
7.4
7.2
7.0
6.8
6.6
6.4
20
25
30
35
40
45
50
55
d



Plot ET/VN
ETcl
ETcldef
VN
150
125
100
75
50
25
0
10
20
30
40
50
60
d

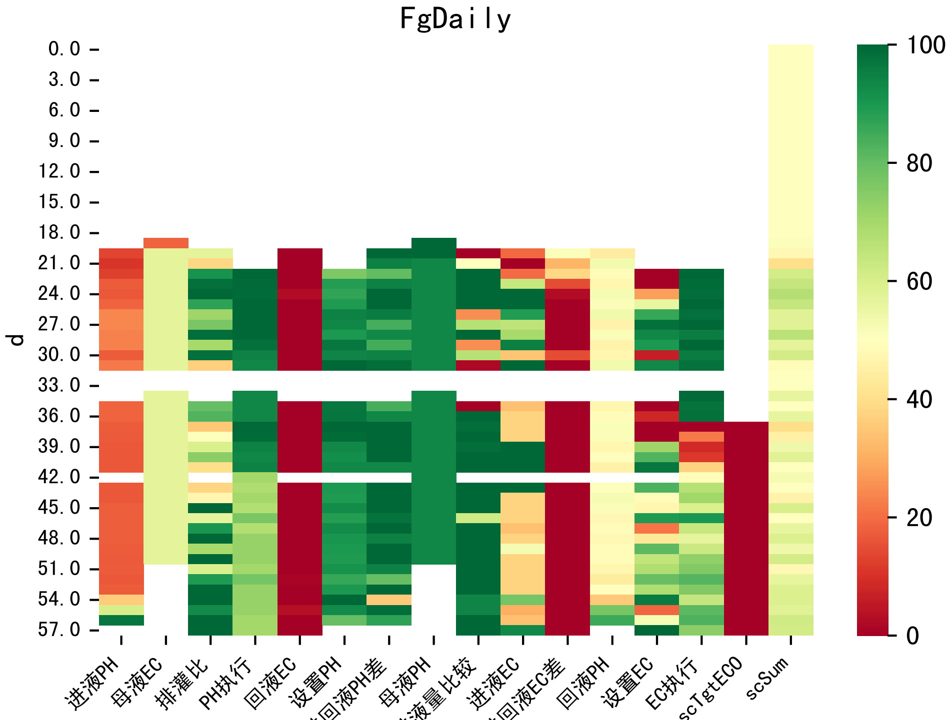


Plot Fv and fertilizer usage
cumETcIdef
cumETcI
cumFRV
cumVI
cumVO
cum_stock_vol
ECB
ECI
fz_stock_ec
estFDF
d

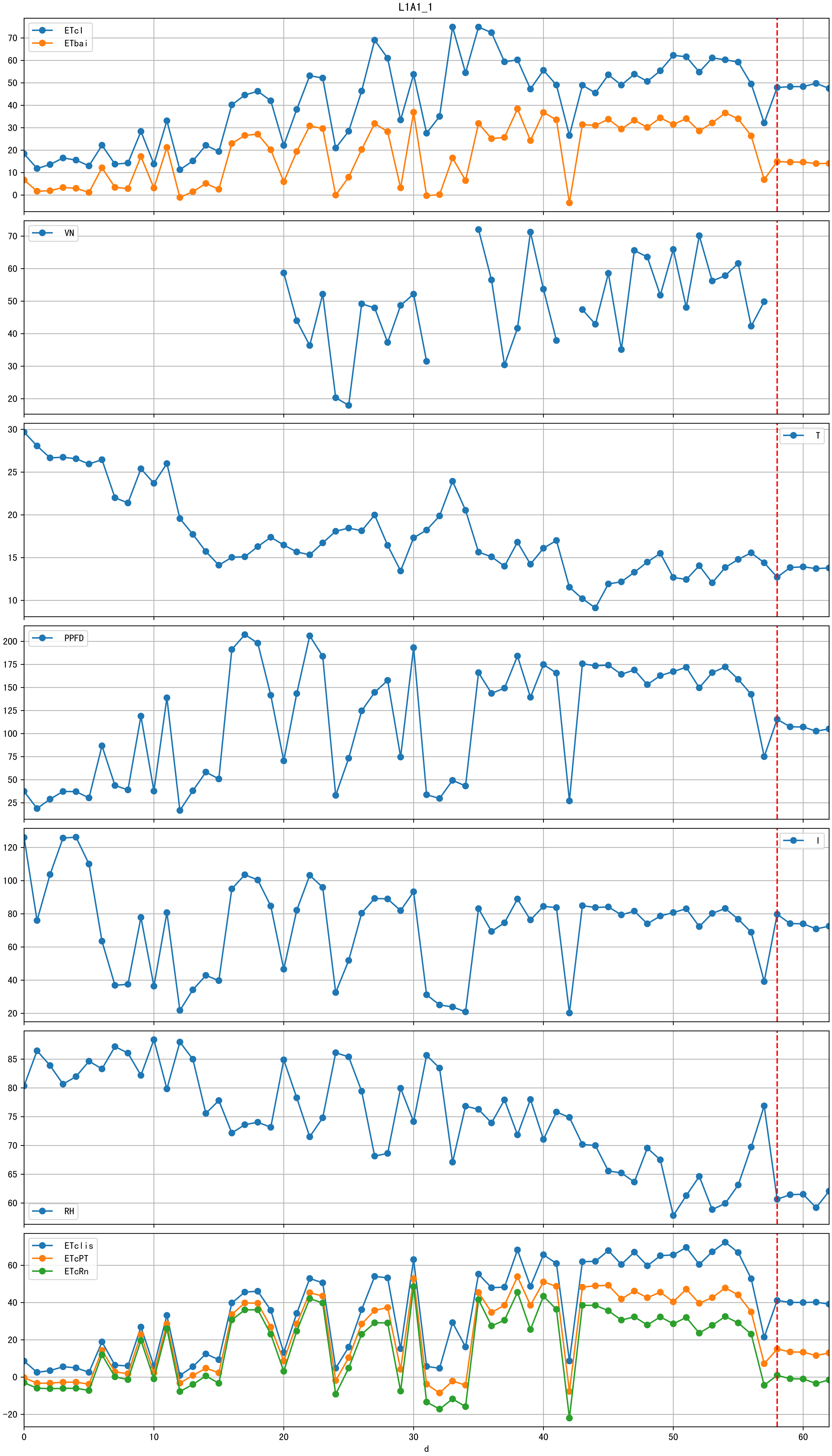


Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P2O5_kg_mu
K2O_kg_mu
d
N_kg_mu
d
P2O5_kg_mu
d
K2O_kg_mu
d

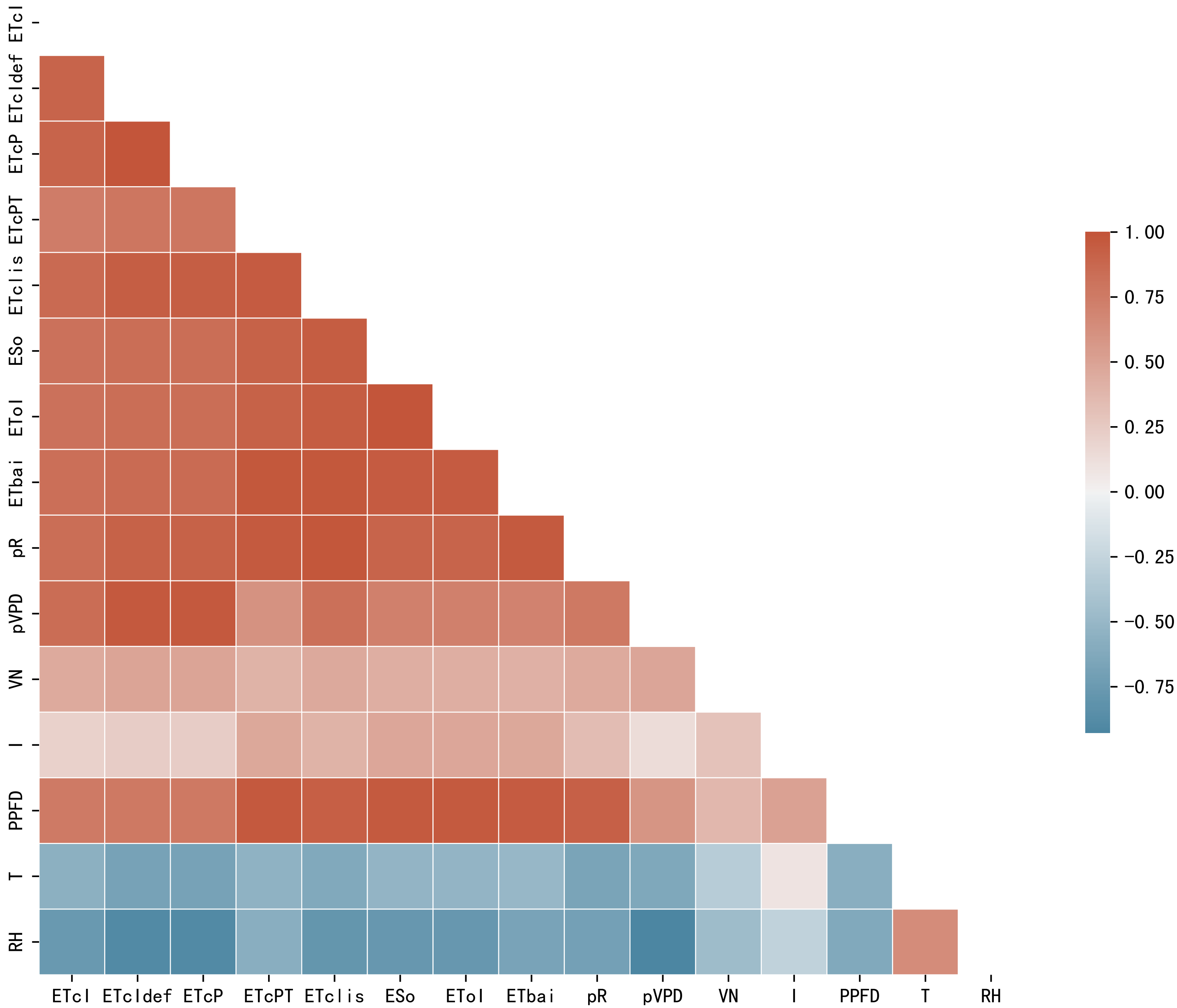

Trend plot forL1A1_1
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRA
FRC
FRraw
FR
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

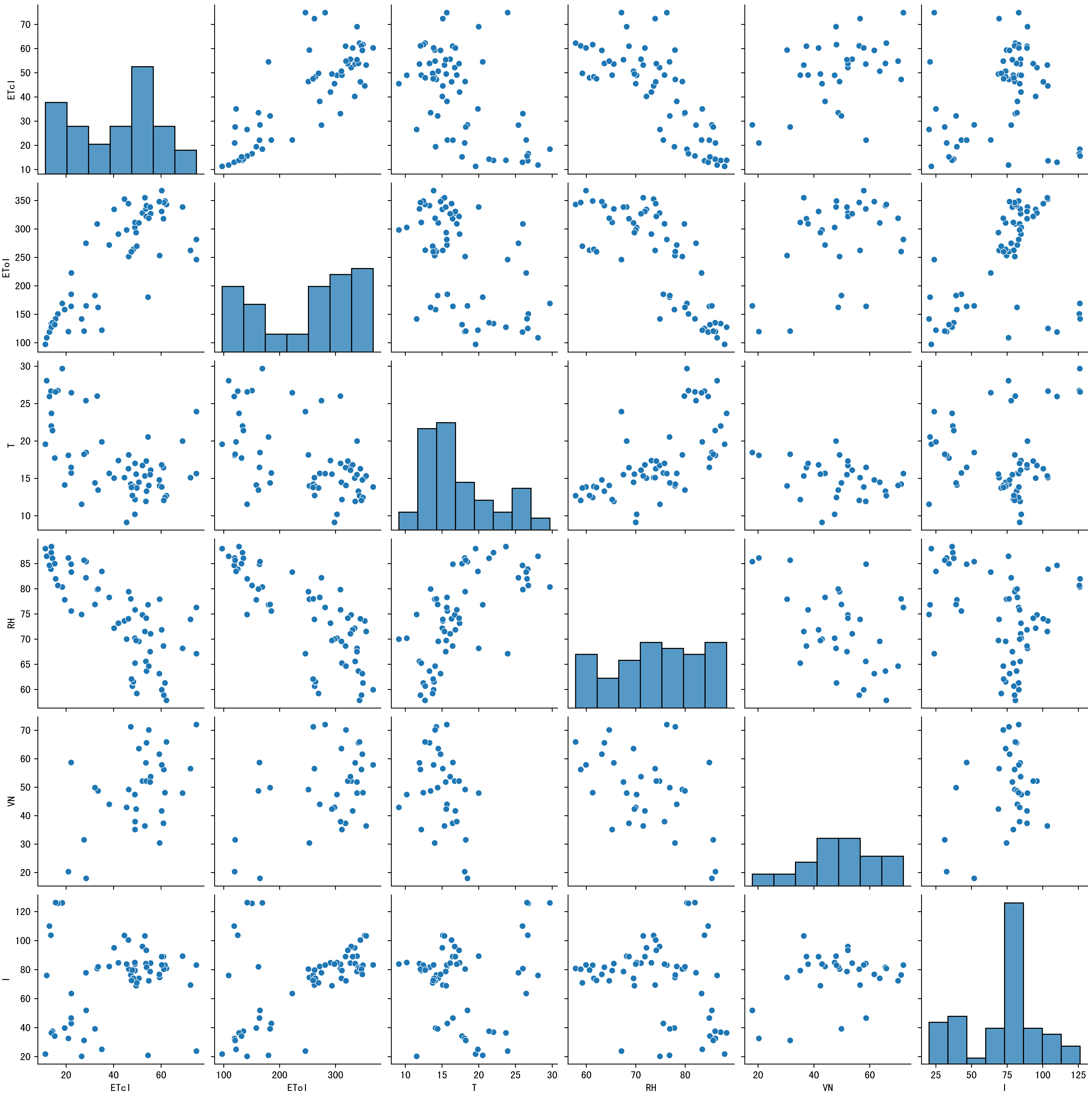


FgDaily
d
0.0
3.0
6.0
9.0
12.0
15.0
18.0
21.0
24.0
27.0
30.0
33.0
36.0
39.0
42.0
45.0
48.0
51.0
54.0
57.0
进液PH
母液EC
排灌比
PH执行
回液EC
设置PH
回液PH差
母液PH
液量比较
进液EC
回液EC差
回液PH
设置EC
EC执行
scTgtEC0
scSum
100
80
60
40
20
0

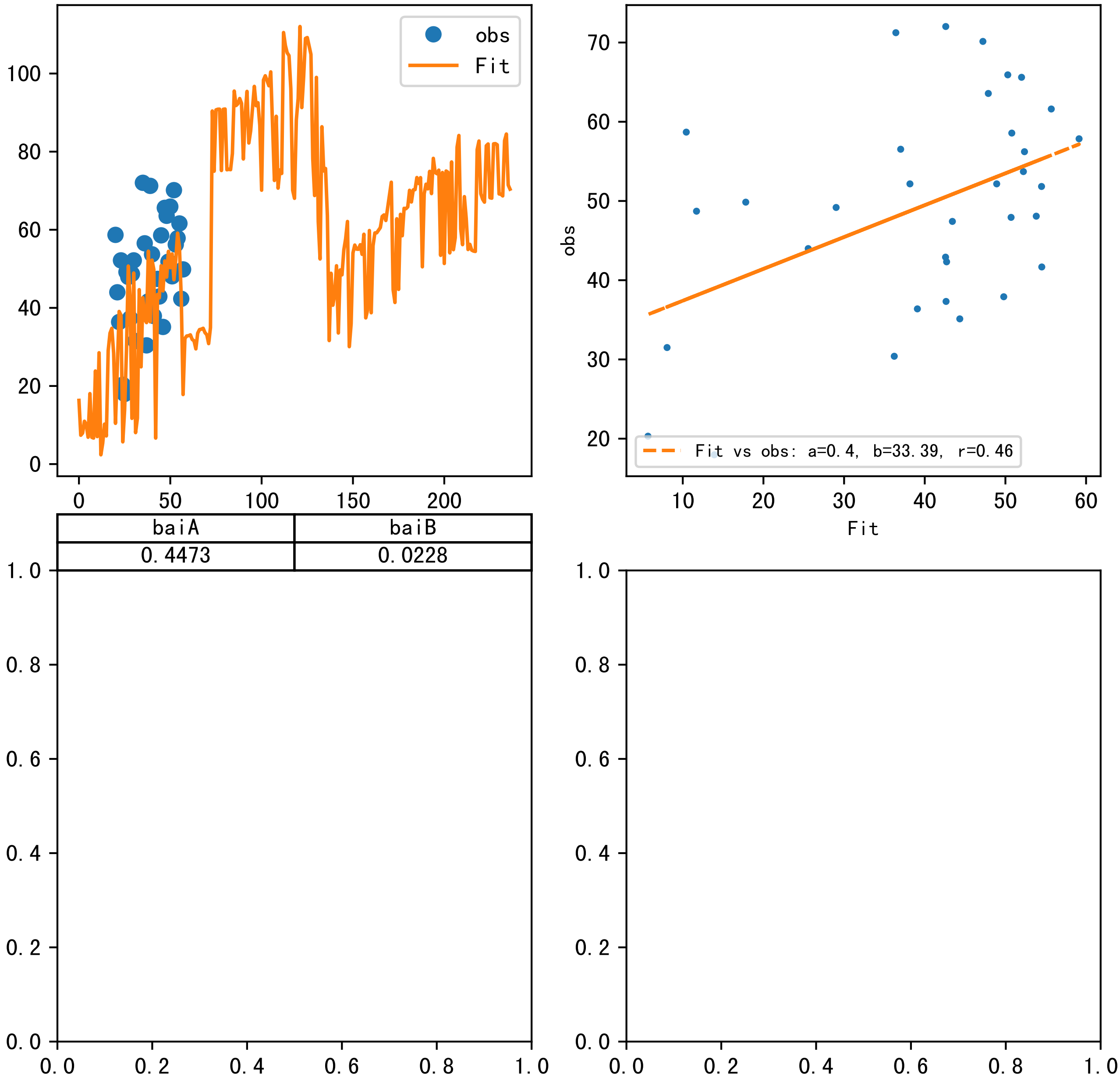


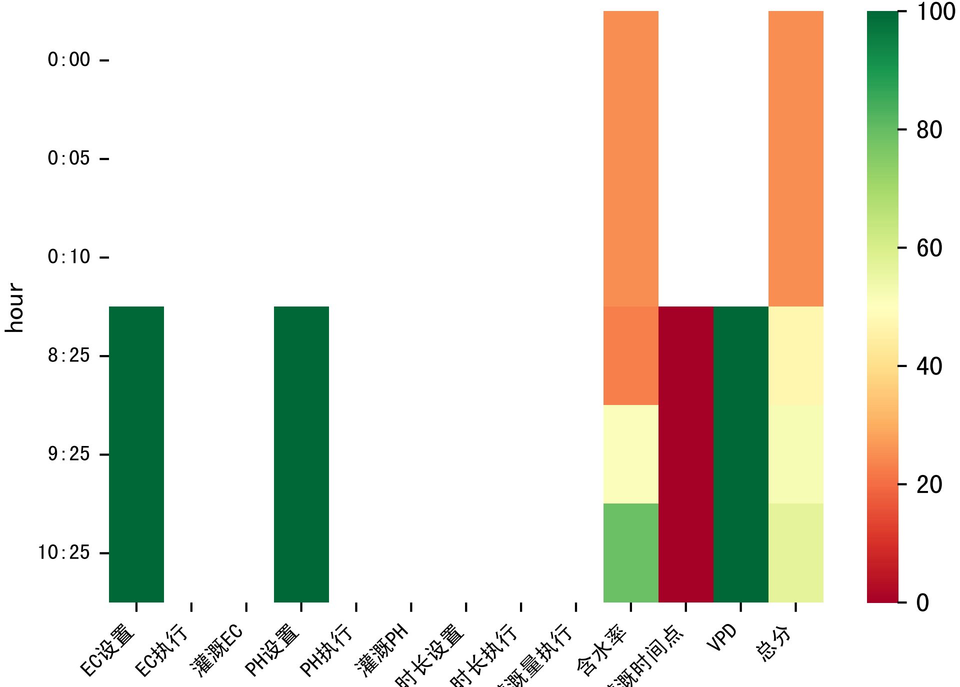
L1A1_1
ETcl
ETbai
VN
T
PPFD
I
RH
ETclis
ETcPT
ETcRn
d


ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75



ETcl
ETol
T
RH
VN
I


obs
Fit
Fit vs obs: a=0.4, b=33.39, r=0.46
obs
Fit
baiA
baiB
0.4473
0.0228

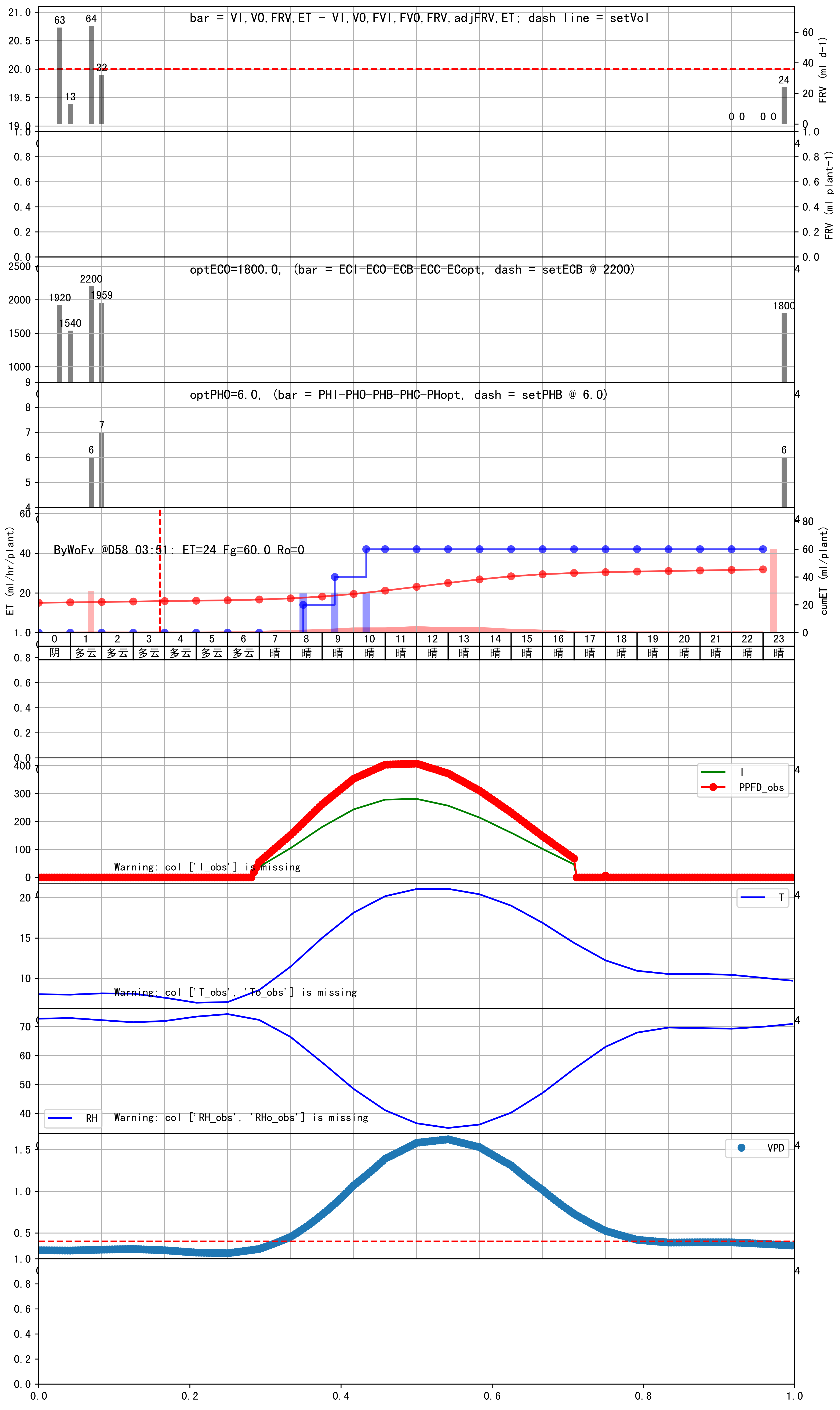


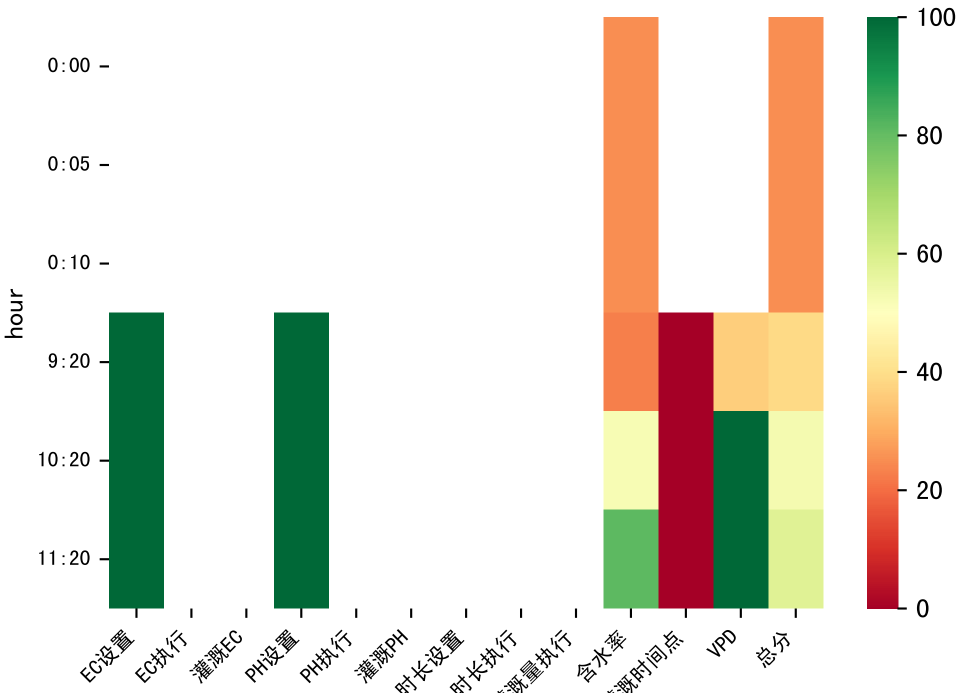
hour
0:00
0:05
0:10
8:25
9:25
10:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
溉量执行
含水率
溉时间点
VPD
总分
100
80
60
40
20
0

L1A1

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:25	37	20.0	0.081	晴	预期@08:25 自主（未用传感器）
09:25	37	20.0	0.081	晴	预期@09:25 自主（未用传感器）
10:25	37	20.0	0.081	晴	预期@10:25 自主（未用传感器）
总计	111.0 (3次)	60.0			建议进液EC：2200， PH：6.0

L1A1_1, Day=58 (2025-12-03)



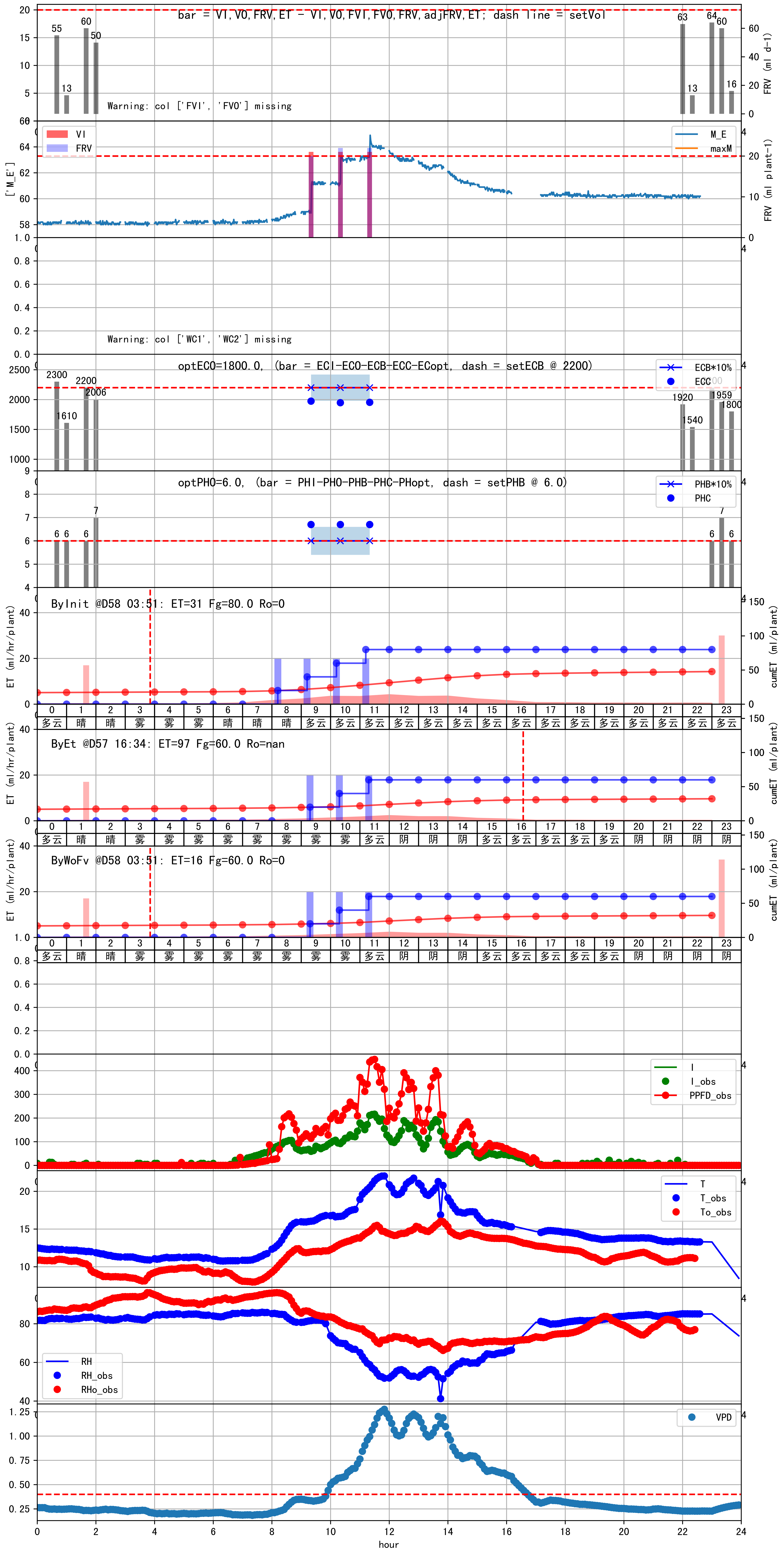


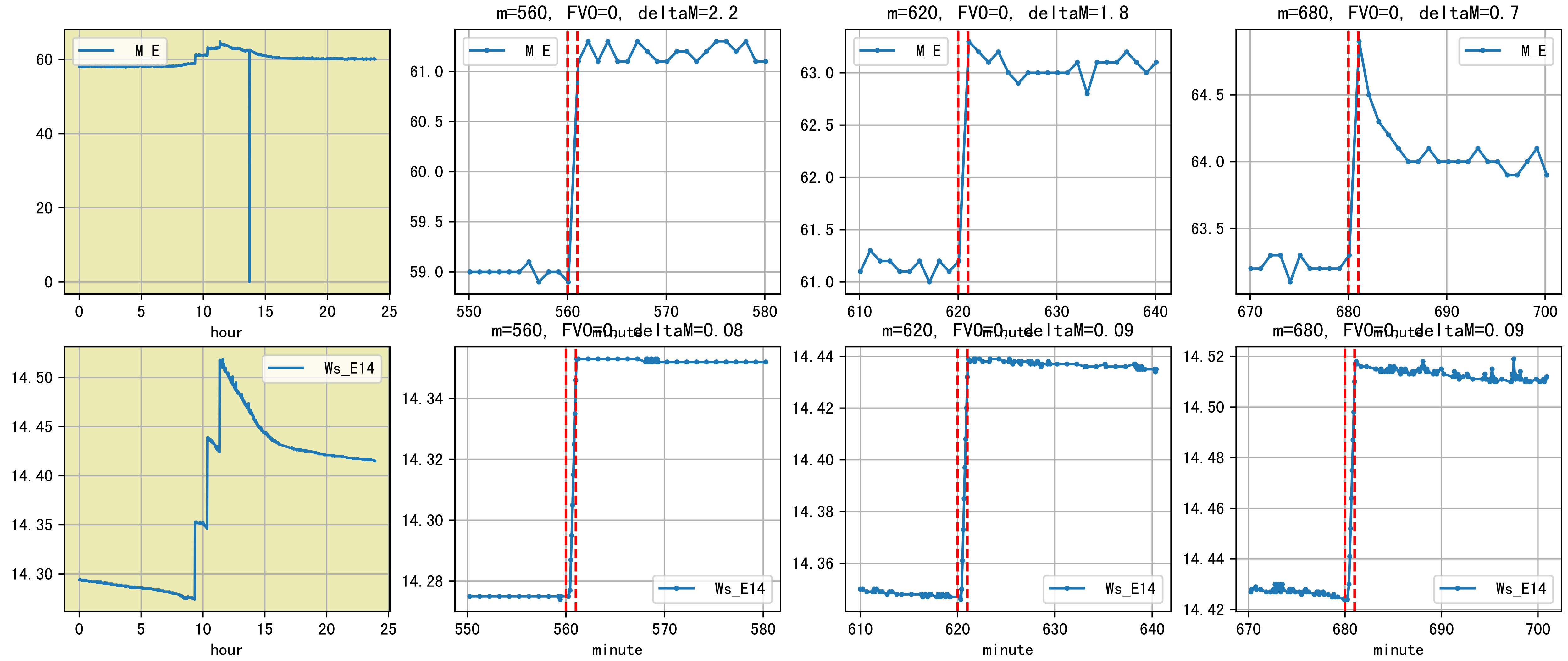
hour
0:00
0:05
0:10
9:20
10:20
11:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

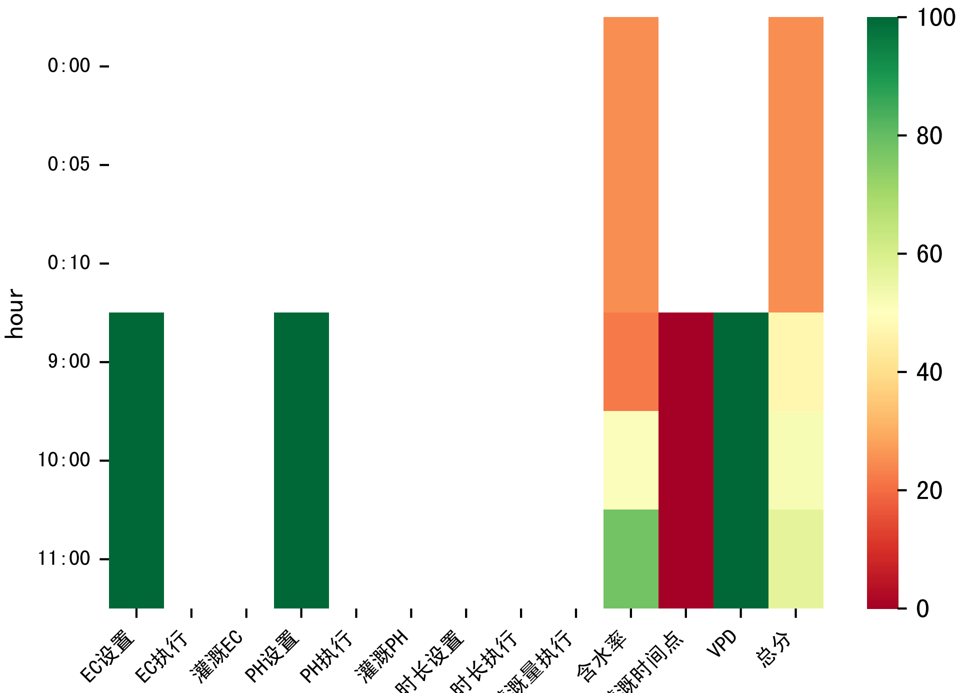
L1A1

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:20	37	20.0	0.081	雾	假设@09:20 自动（未用传感器）
10:20	37	20.0	0.081	雾	假设@10:20 自动（未用传感器）
11:20	37	20.0	0.081	多云	待执行@11:20 自动（未用传感器）
总计	111.0 (3次)	60.0			建议进液EC：2200， PH：6.0

L1A1_1, Day=57 (2025-12-02)

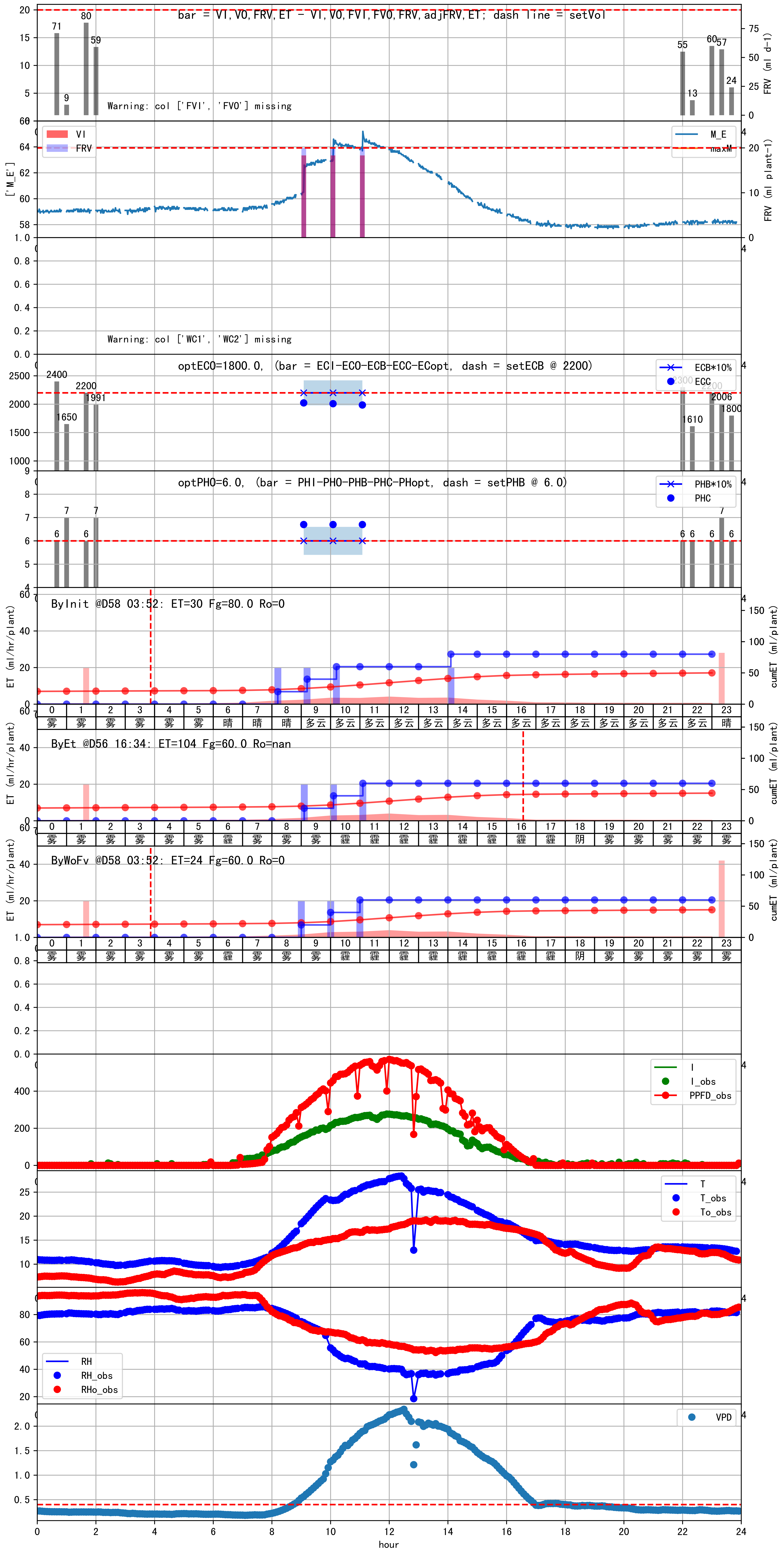


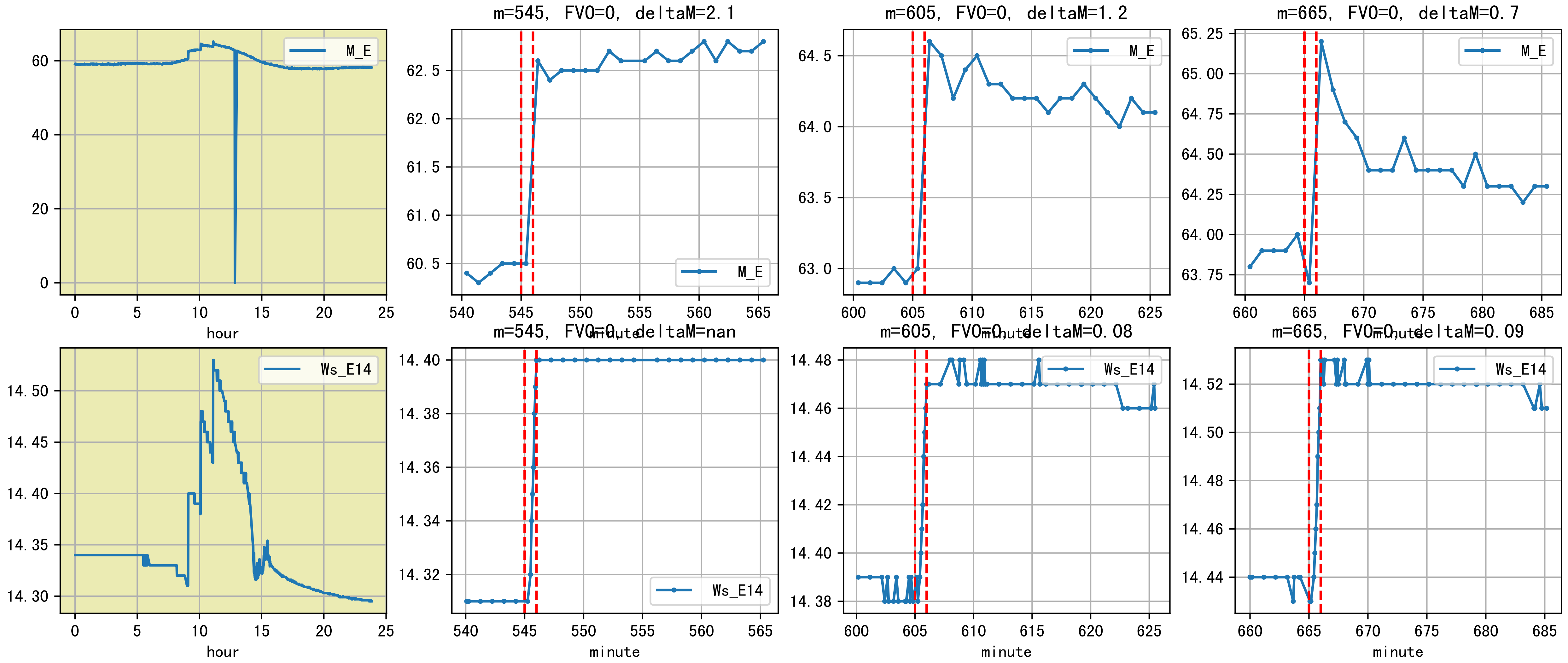

M_E
hour
m=560, FV0=0, deltaM=2.2
m=620, FV0=0, deltaM=1.8
m=680, FV0=0, deltaM=0.7
Ws_E14
m=560, FV0=0, deltaM=0.08
m=620, FV0=0, deltaM=0.09
m=680, FV0=0, deltaM=0.09
minute


hour
0:00
0:05
0:10
9:00
10:00
11:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
溉量执行
含水率
溉时间点
VPD
总分
100
80
60
40
20
0

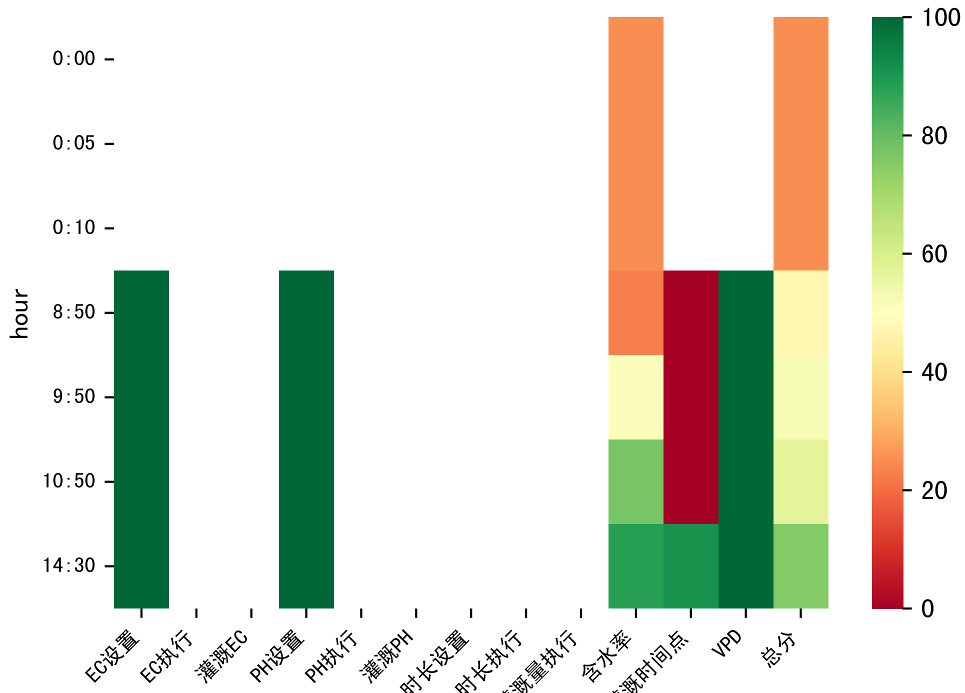
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:00	34	20.0	0.081	雾	假设@09:00 自动（未用传感器）
10:00	34	20.0	0.081	霾	假设@10:00 自动（未用传感器）
11:00	34	20.0	0.081	霾	假设@11:00 自动（未用传感器）
总计	102.0 (3次)	60.0			建议进液EC：2200， PH：6.0

L1A1_1, Day=56 (2025-12-01)





M_E
hour
m=545, FV0=0, deltaM=2.1
m=605, FV0=0, deltaM=1.2
m=665, FV0=0, deltaM=0.7
minute
Ws_E14
m=545, FV0=0, deltaM=nan
m=605, FV0=0, deltaM=0.08
m=665, FV0=0, deltaM=0.09

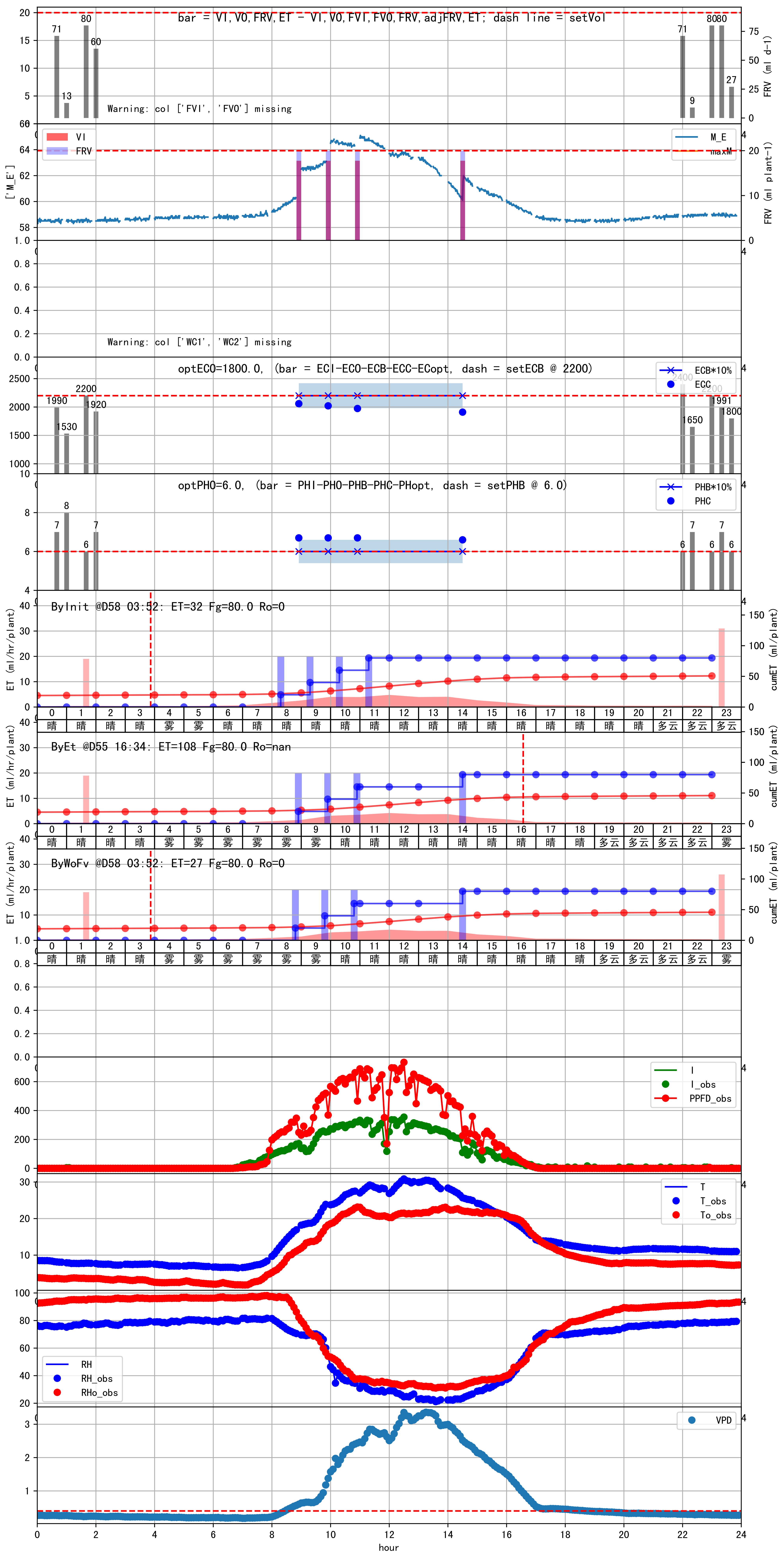


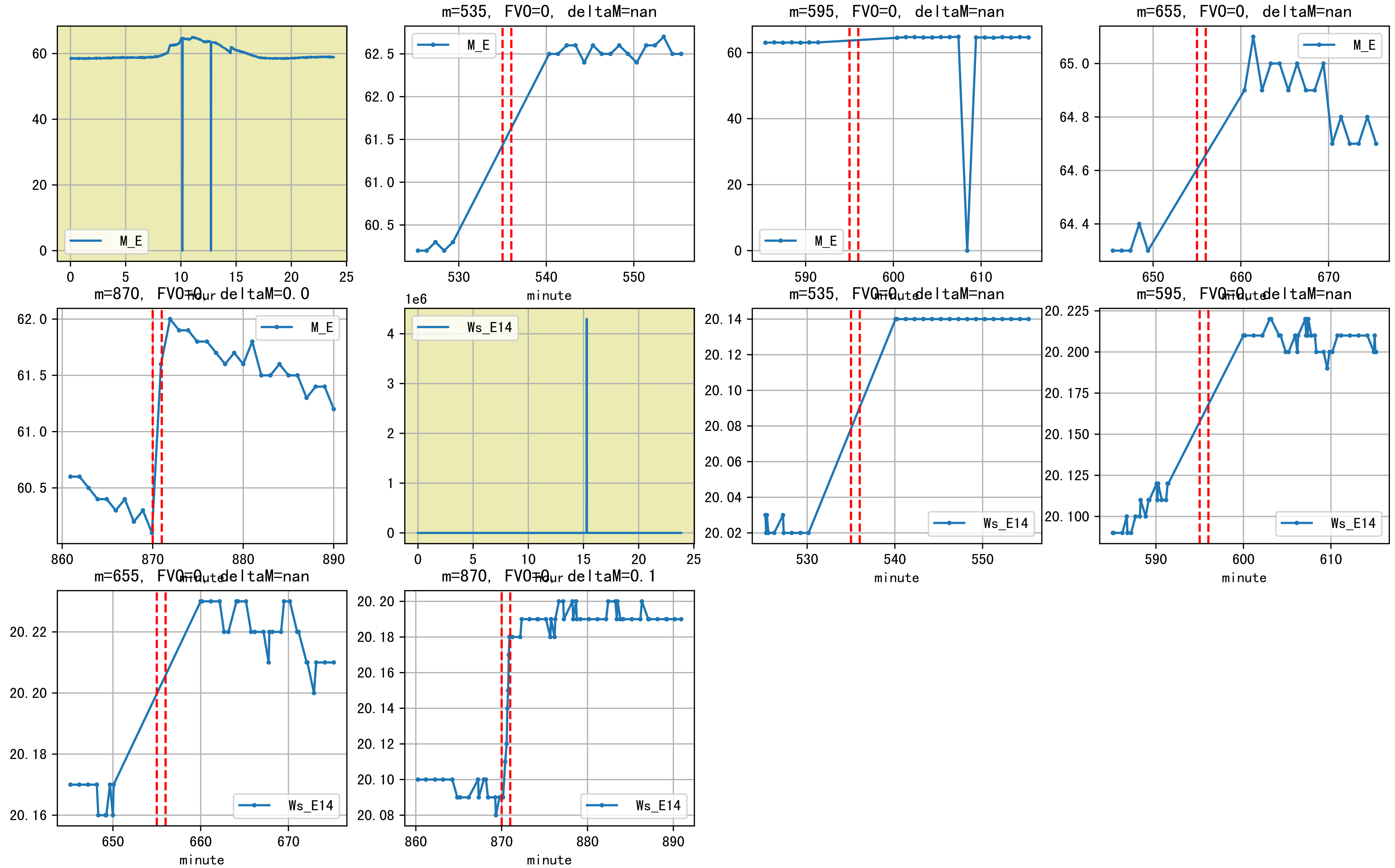
hour
0:00
0:05
0:10
8:50
9:50
10:50
14:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
量执行
含水率
时间点
VPD
总分
100
80
60
40
20
0

L1A1

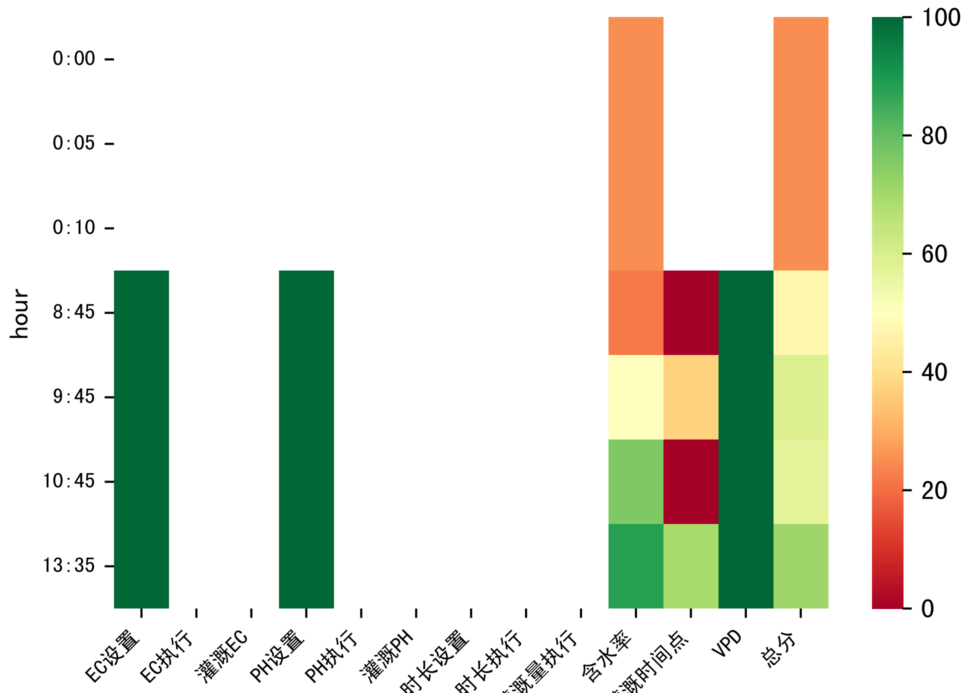
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:50	34	20.0	0.081	雾	假设@08:50 自动（未用传感器）
09:50	34	20.0	0.081	雾	假设@09:50 自动（未用传感器）
10:50	34	20.0	0.081	晴	假设@10:50 自动（未用传感器）
14:30	34	20.0	0.081	晴	假设@14:30 自动（未用传感器）
总计	136.0（4次）	80.0			建议进液EC：2200， PH：6.0

L1A1_1, Day=55 (2025-11-30)





M_E
hour
m=535, FV0=0, deltaM=nan
M_E
minute
m=595, FV0=0, deltaM=nan
M_E
minute
m=655, FV0=0, deltaM=nan
M_E
minute
m=870, FV0=0, deltaM=0.0
M_E
minute
1e6
Ws_E14
hour
m=535, FV0=0, deltaM=nan
Ws_E14
minute
m=595, FV0=0, deltaM=nan
Ws_E14
minute
m=655, FV0=0, deltaM=nan
Ws_E14
minute
m=870, FV0=0, deltaM=0.1
Ws_E14
minute

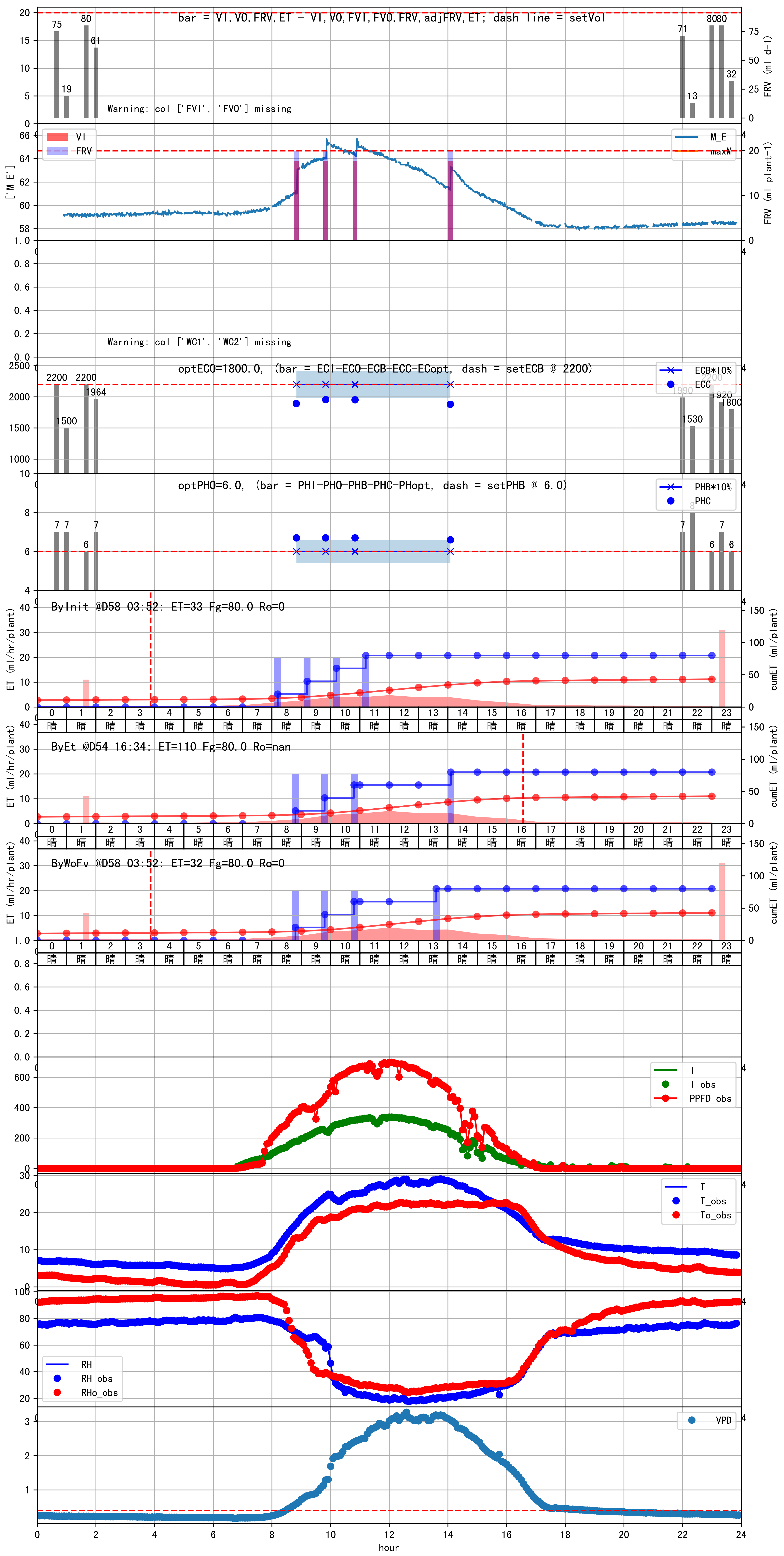


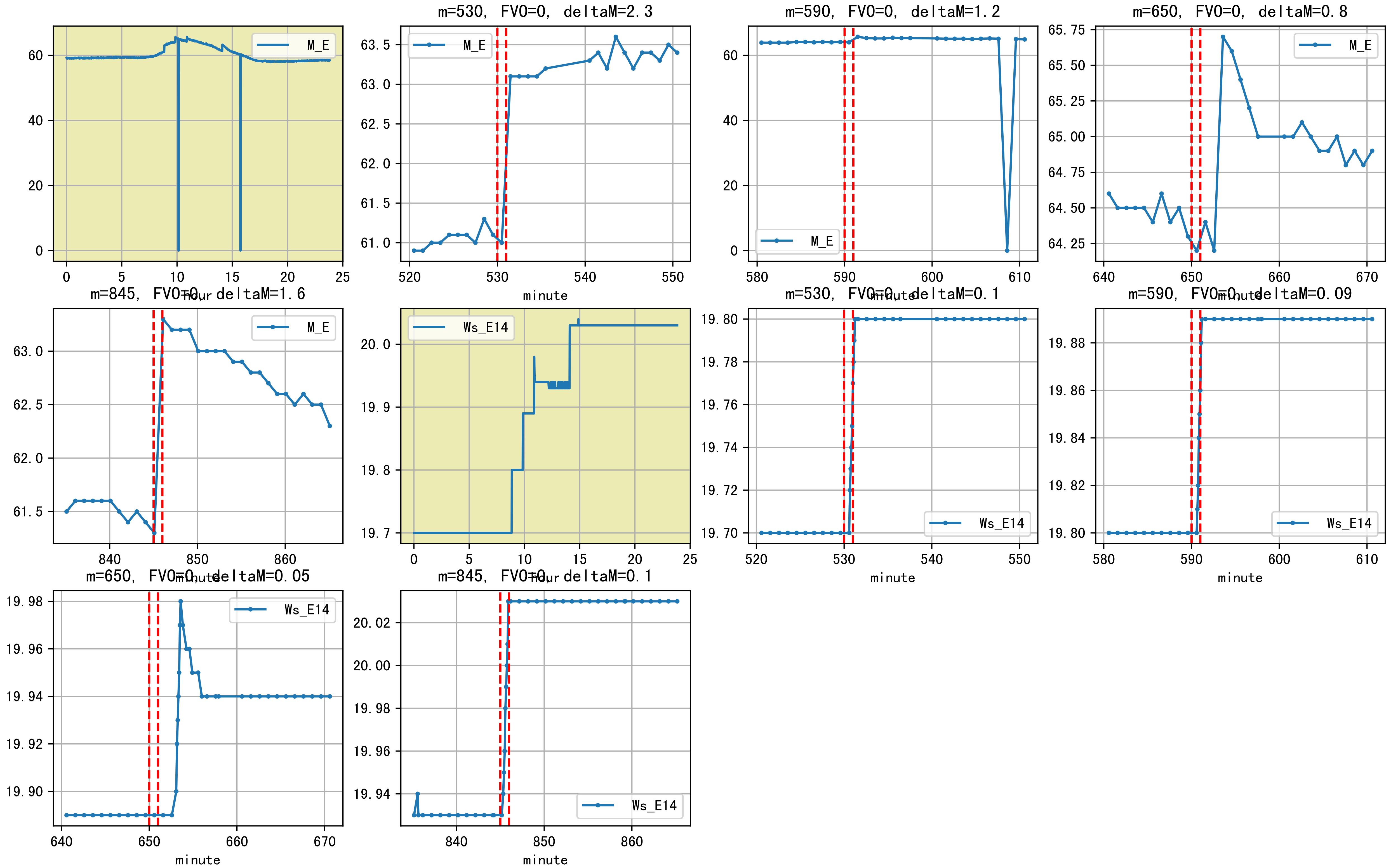
hour
0:00
0:05
0:10
8:45
9:45
10:45
13:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

L1A1

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:45	34	20.0	0.081	晴	假设@08:45 自动（未用传感器）
09:45	34	20.0	0.081	晴	假设@09:45 自动（未用传感器）
10:45	34	20.0	0.081	晴	假设@10:45 自动（未用传感器）
13:35	34	20.0	0.081	晴	假设@13:35 自动（未用传感器）
总计	136.0（4次）	80.0			建议进液EC：2200， PH：6.0

L1A1_1, Day=54 (2025-11-29)





M_E
hour
m=530, FV0=0, deltaM=2.3
M_E
minute
m=590, FV0=0, deltaM=1.2
M_E
minute
m=650, FV0=0, deltaM=0.8
M_E
minute
m=845, FV0=0, deltaM=1.6
M_E
minute
Ws_E14
hour
m=530, FV0=0, deltaM=0.1
Ws_E14
minute
m=590, FV0=0, deltaM=0.09
Ws_E14
minute
m=650, FV0=0, deltaM=0.05
Ws_E14
minute
m=845, FV0=0, deltaM=0.1
Ws_E14
minute