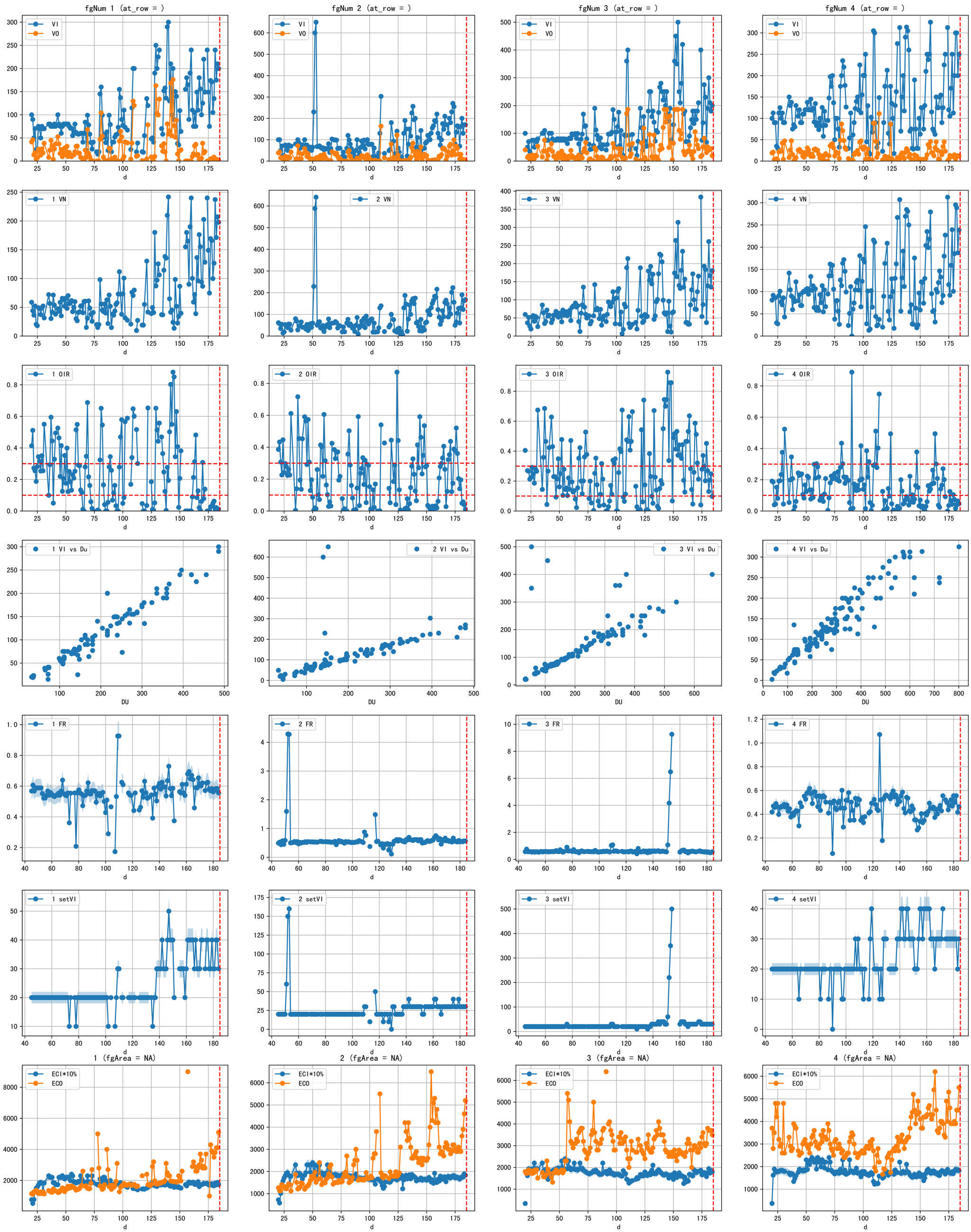
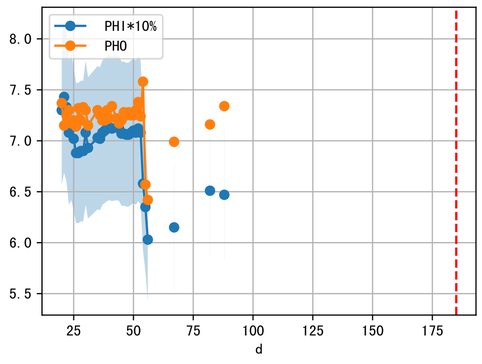
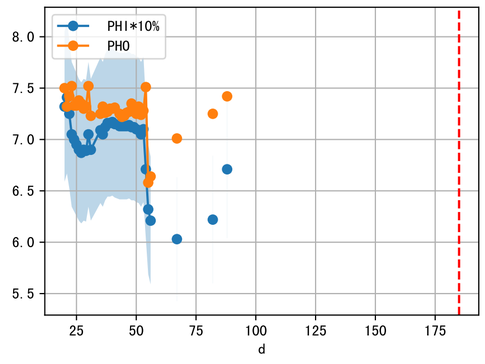
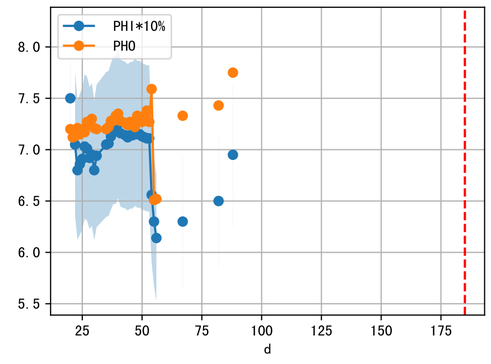
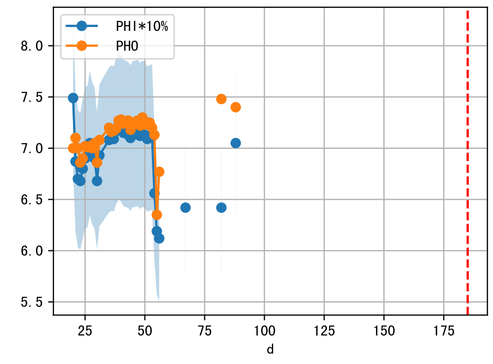
FgArea: ['C2']
NJ15 L1
2026-04-09 (Day 185)

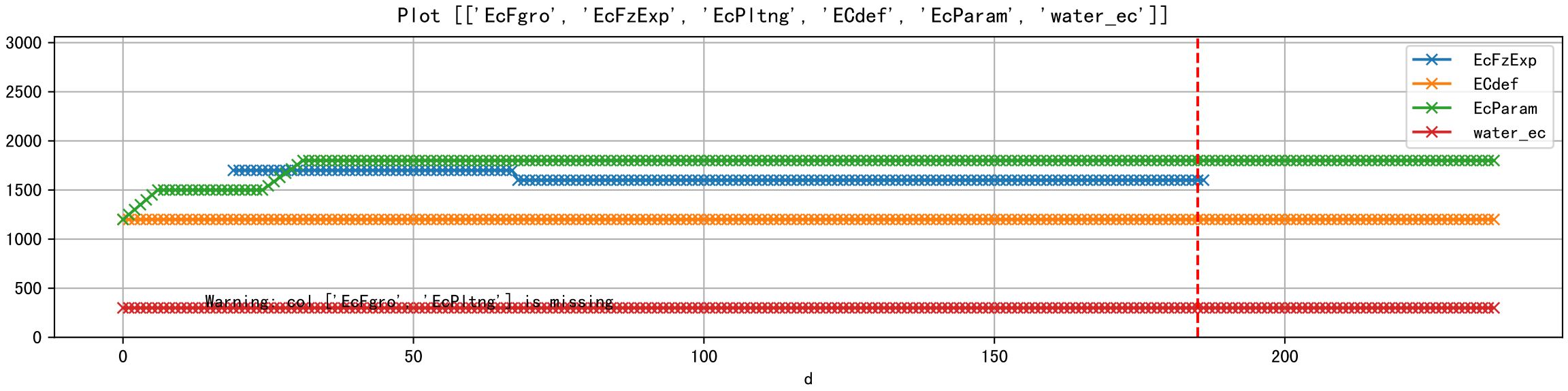

fgNum 1 (at_row =)
fgNum 2 (at_row =)
fgNum 3 (at_row =)
fgNum 4 (at_row =)
VI
VO
1 VN
2 VN
3 VN
4 VN
1 OIR
2 OIR
3 OIR
4 OIR
1 VI vs Du
2 VI vs Du
3 VI vs Du
4 VI vs Du
1 FR
2 FR
3 FR
4 FR
1 setVI
2 setVI
3 setVI
4 setVI
1 (fgArea = NA)
2 (fgArea = NA)
3 (fgArea = NA)
4 (fgArea = NA)
ECI*10%
ECO
d
DU

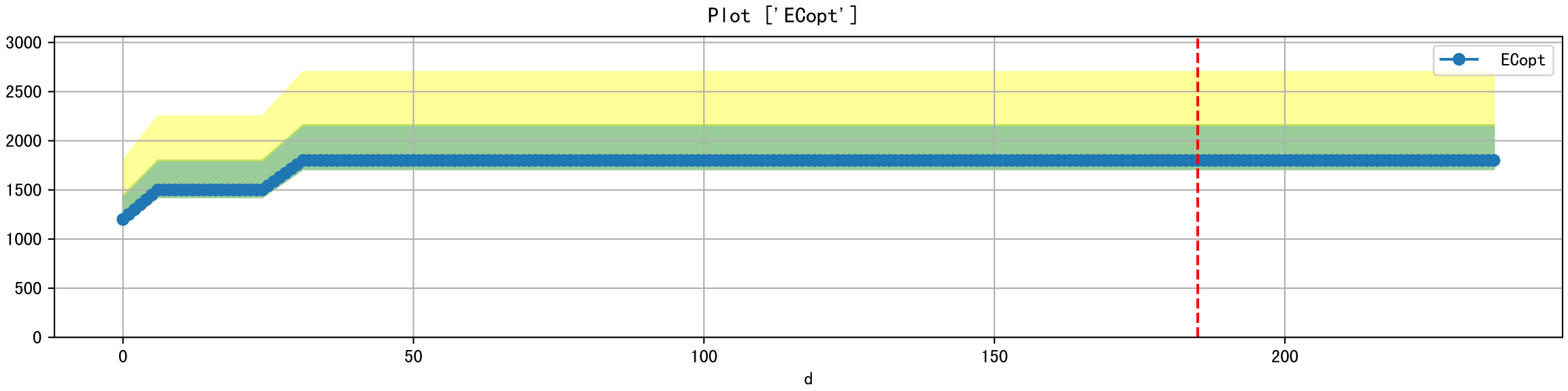

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
25
50
75
100
125
150
175
d

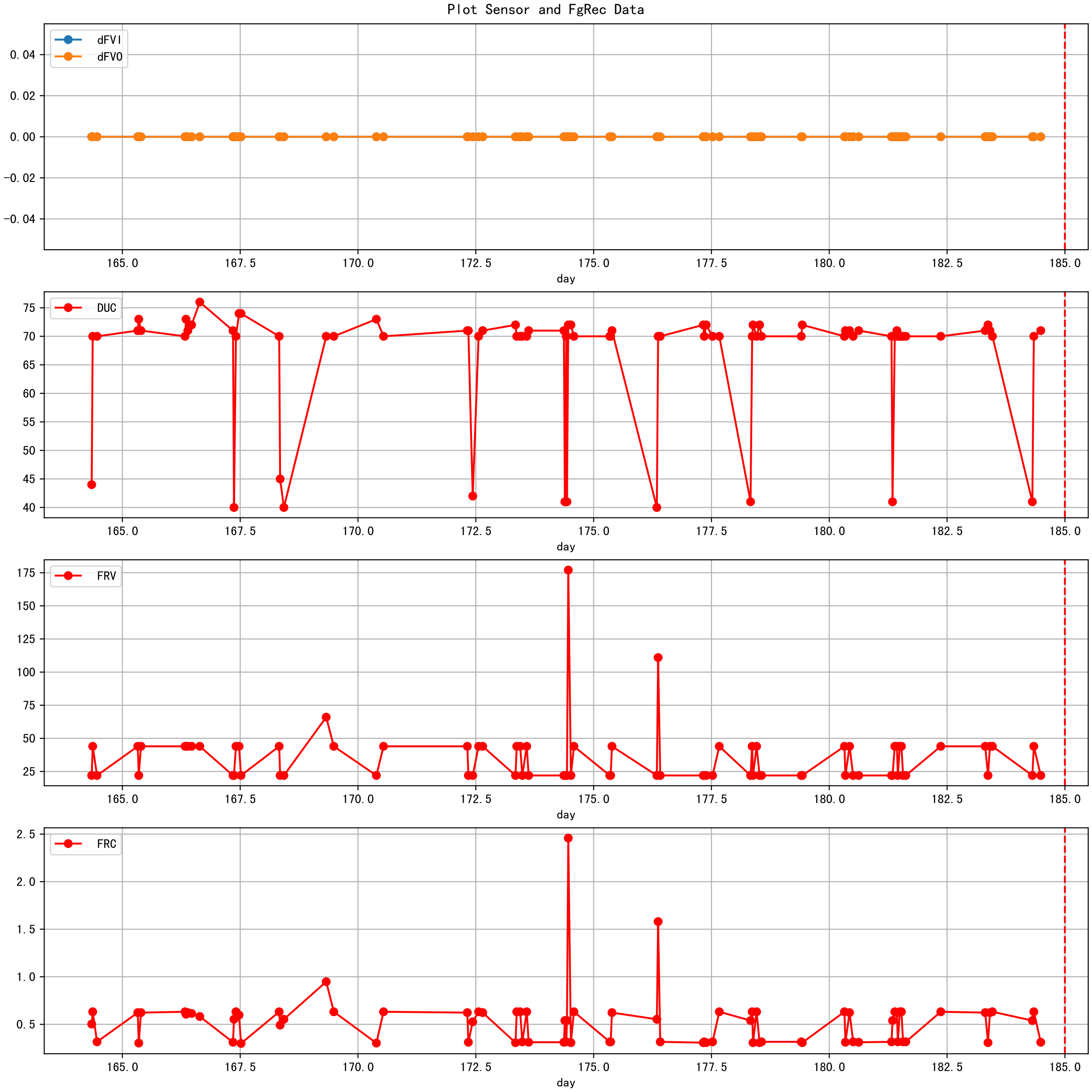

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
25
50
75
100
125
150
175
d


PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
25
50
75
100
125
150
175
d

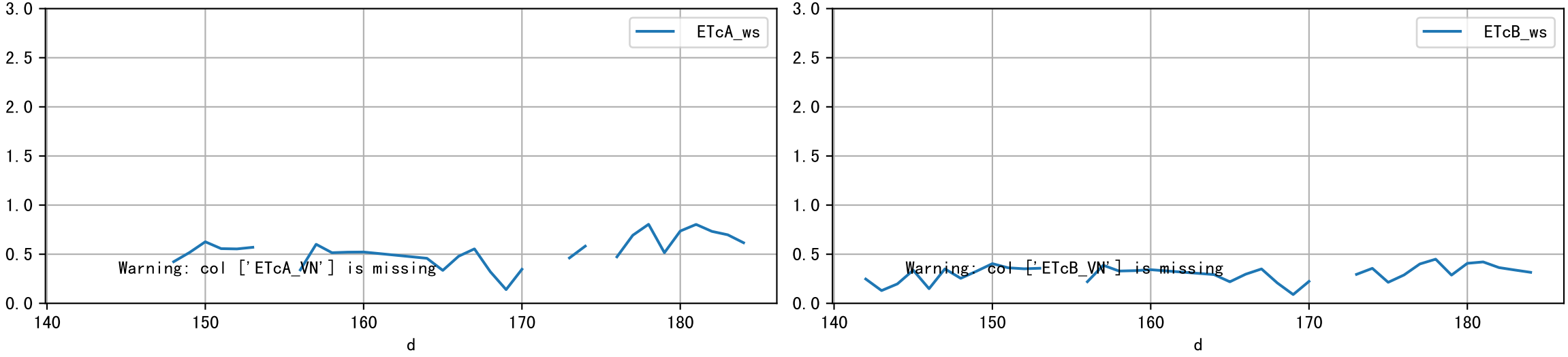

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
25
50
75
100
125
150
175
d

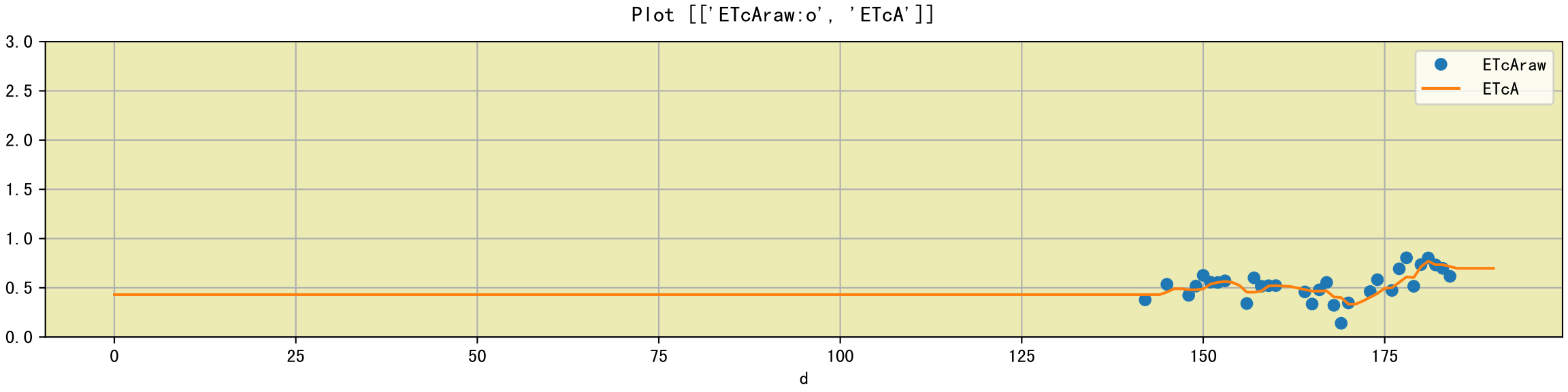

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing

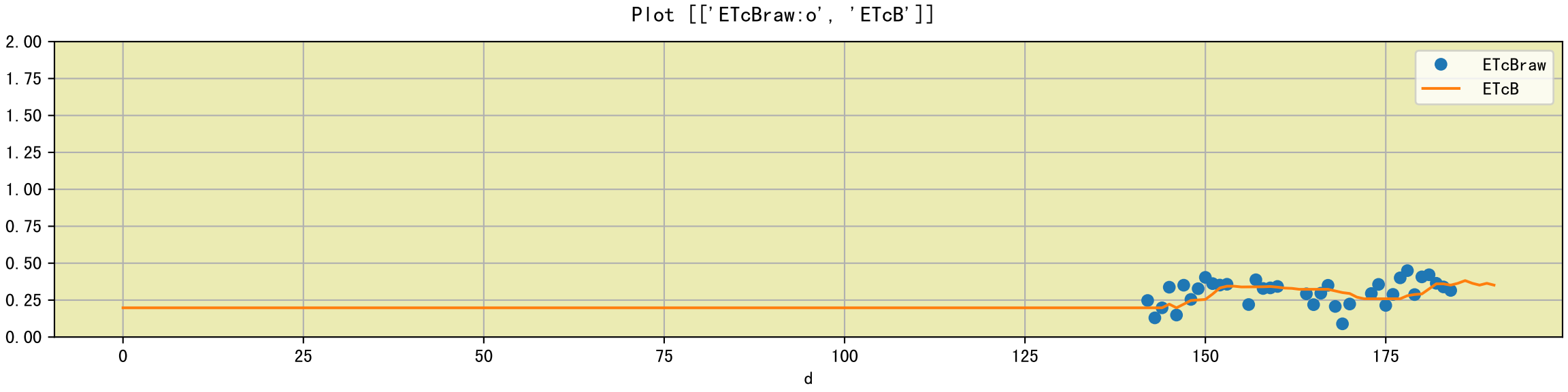

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d


Plot Sensor and FgRec Data
dFVI
dFVO
0.04
0.02
0.00
−0.02
−0.04
165.0
167.5
170.0
172.5
175.0
177.5
180.0
182.5
185.0
day
DUC
75
70
65
60
55
50
45
40
FRV
175
150
125
100
75
50
25
FRC
2.5
2.0
1.5
1.0
0.5

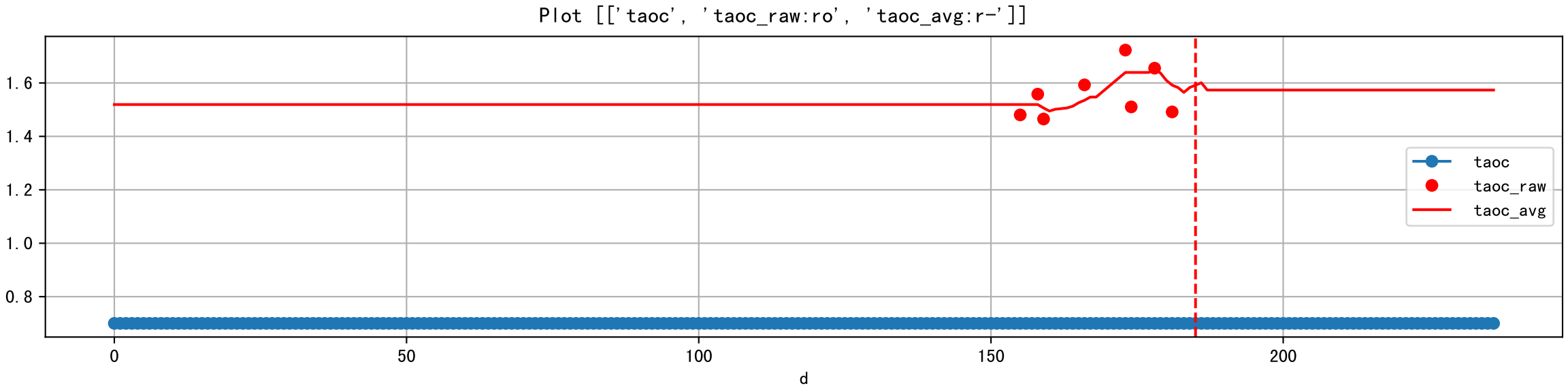
Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]

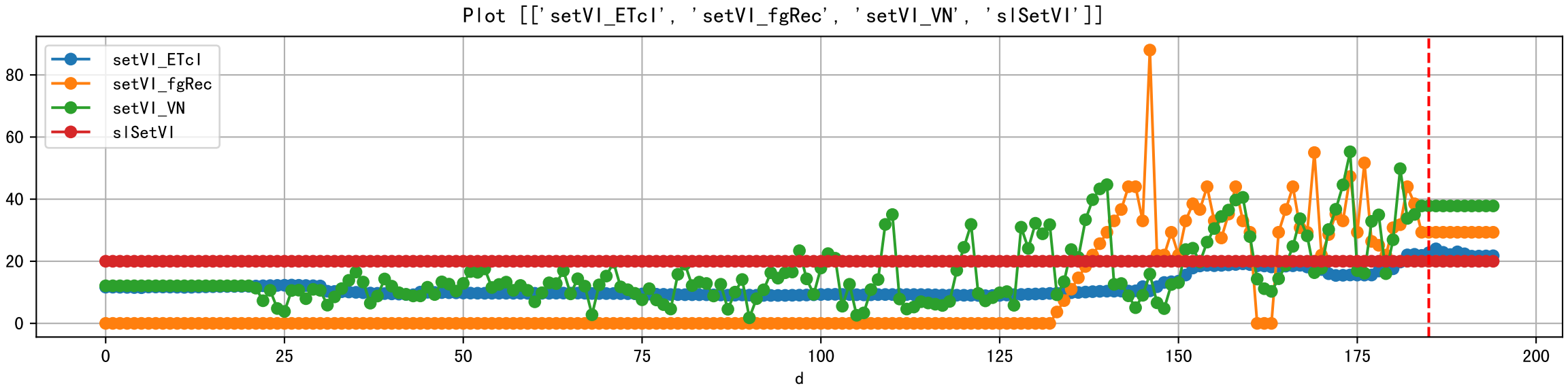


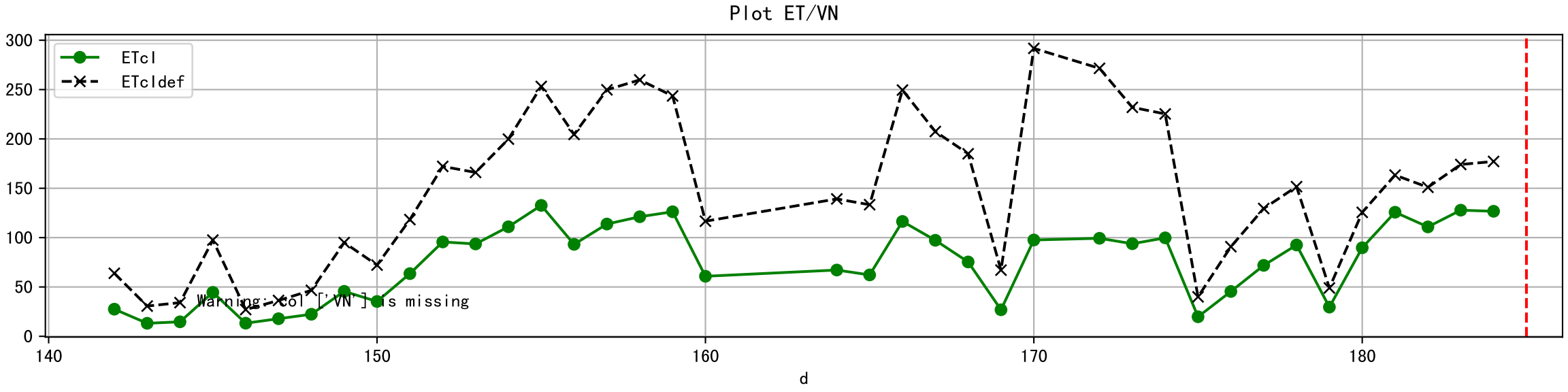

Plot [['ETcAraw:o', 'ETcA']]
ETcAraw
ETcA
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
25
50
75
100
125
150
175
d


Plot [['ETcBraw:o', 'ETcB']]
ETcBraw
ETcB
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
25
50
75
100
125
150
175
d

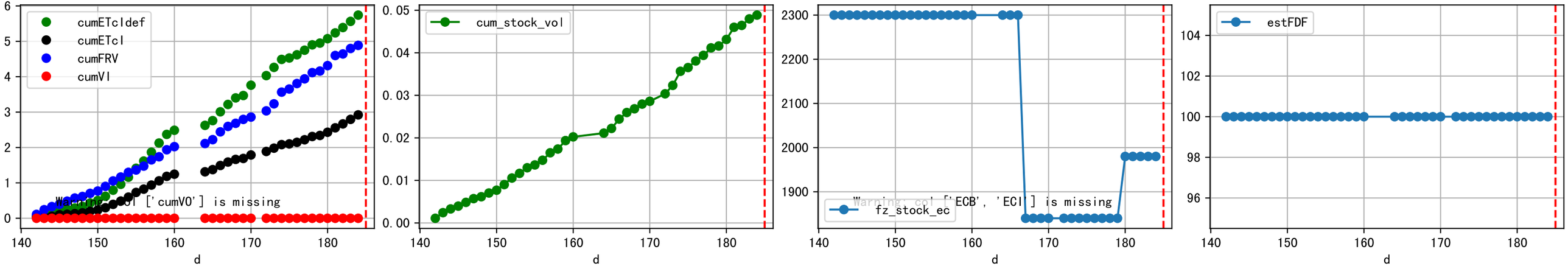
l'], ['T', 'optT'], ['RH', 'optRH'], ['ETcl', 'optETcl'], ['ETcldef', 'optETcldef'], ['ETol', 'optETol'], 'LAI', ['optEtRate', 'optEtRateDef', '


Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
1.6
1.4
1.2
1.0
0.8
0
50
100
150
200
d
taoc
taoc_raw
taoc_avg

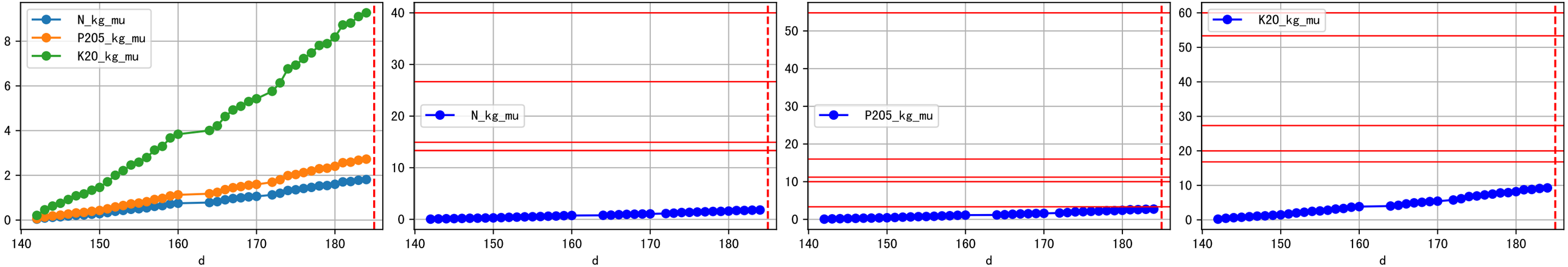

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI
0
20
40
60
80
0
25
50
75
100
125
150
175
200
d


Plot ET/VN
ETcl
ETcldef
Warning: col ['VN'] is missing
300
250
200
150
100
50
0
140
150
160
170
180
d

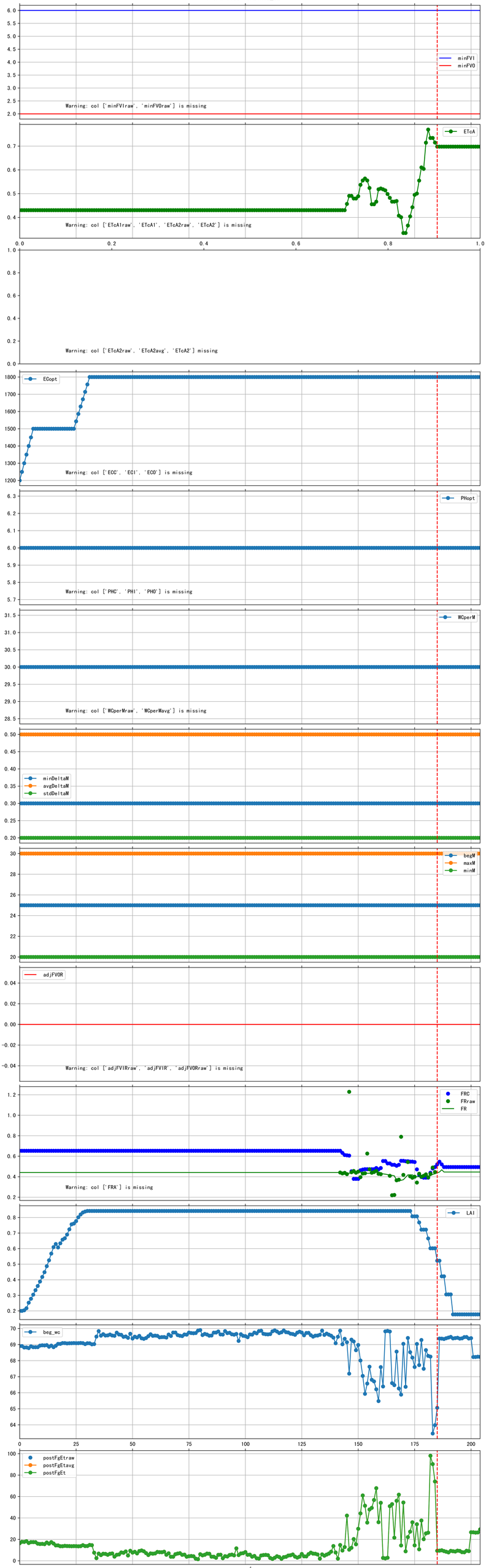
Plot Fv and fertilizer usage

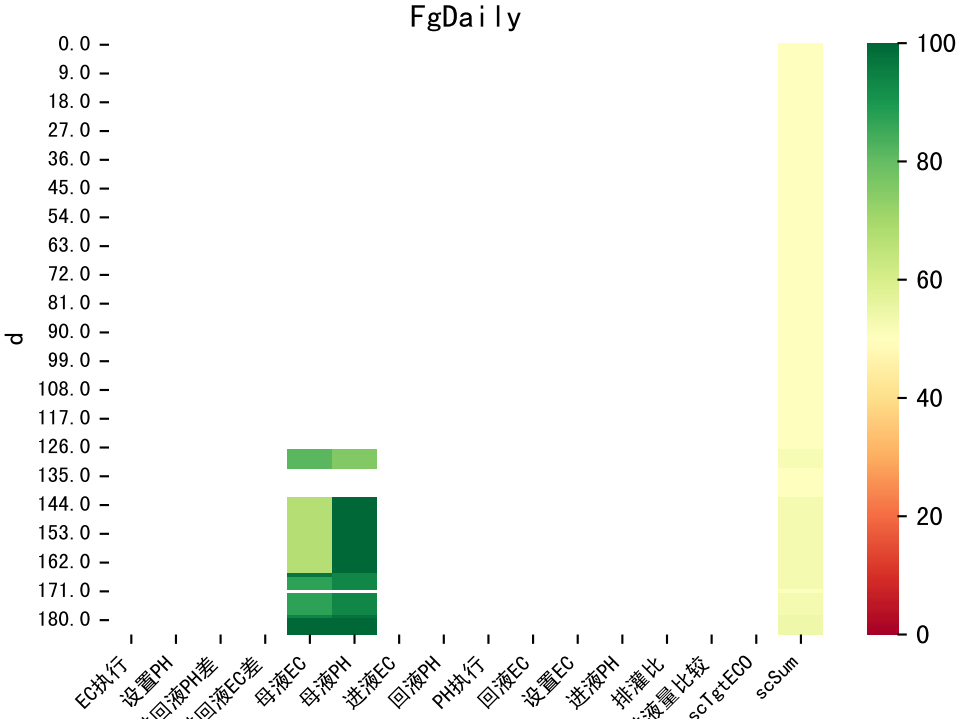


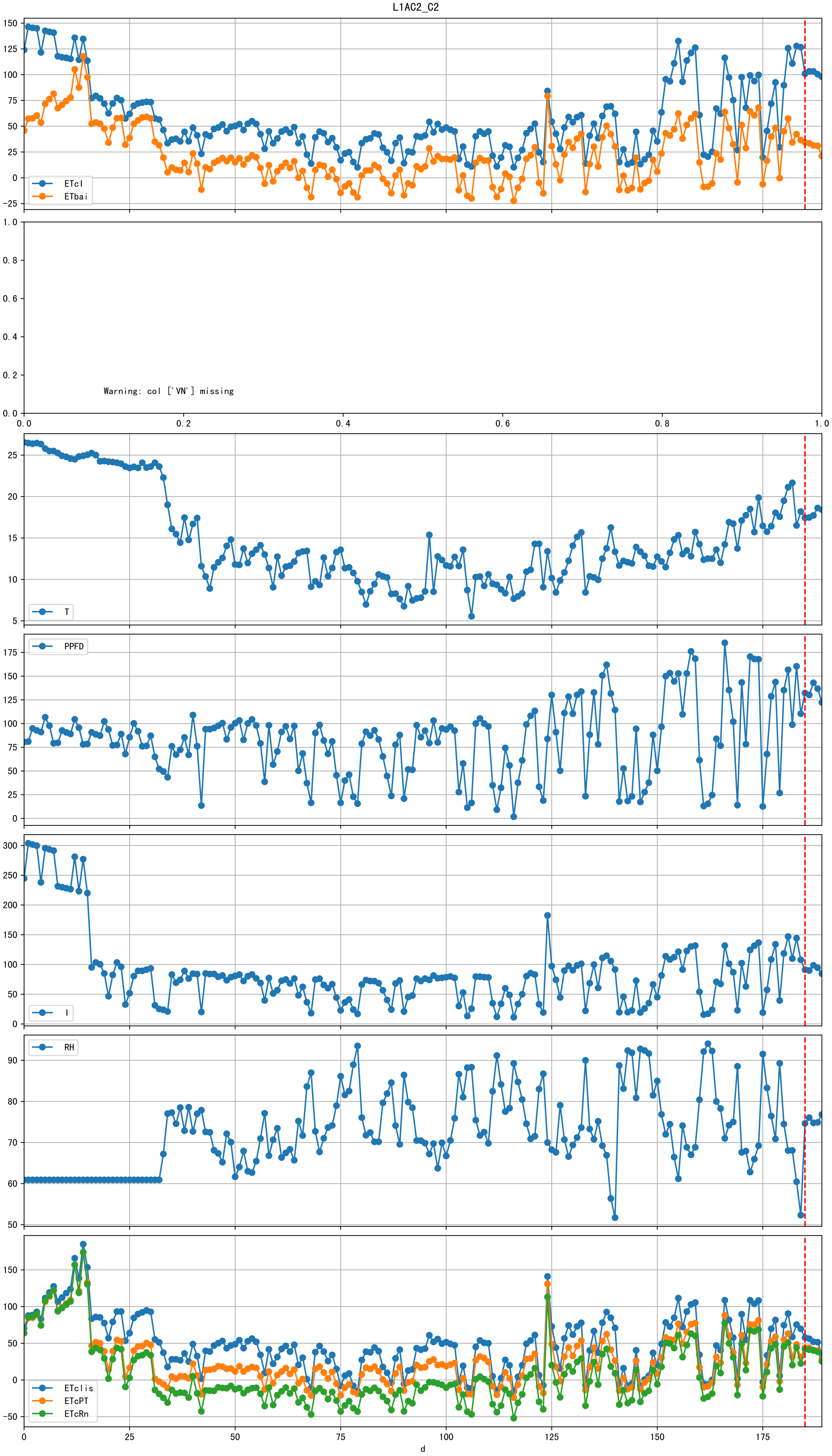
Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa

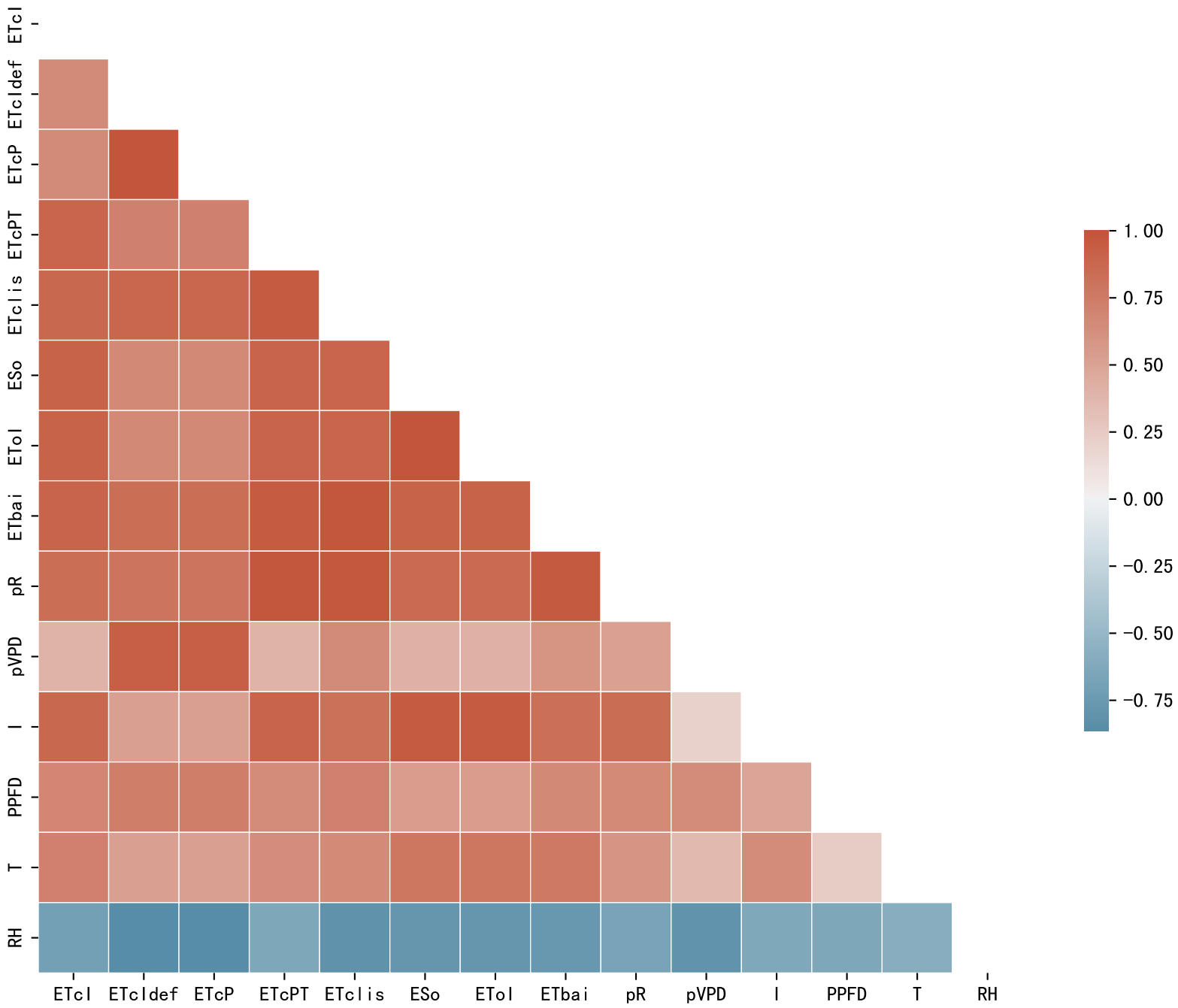


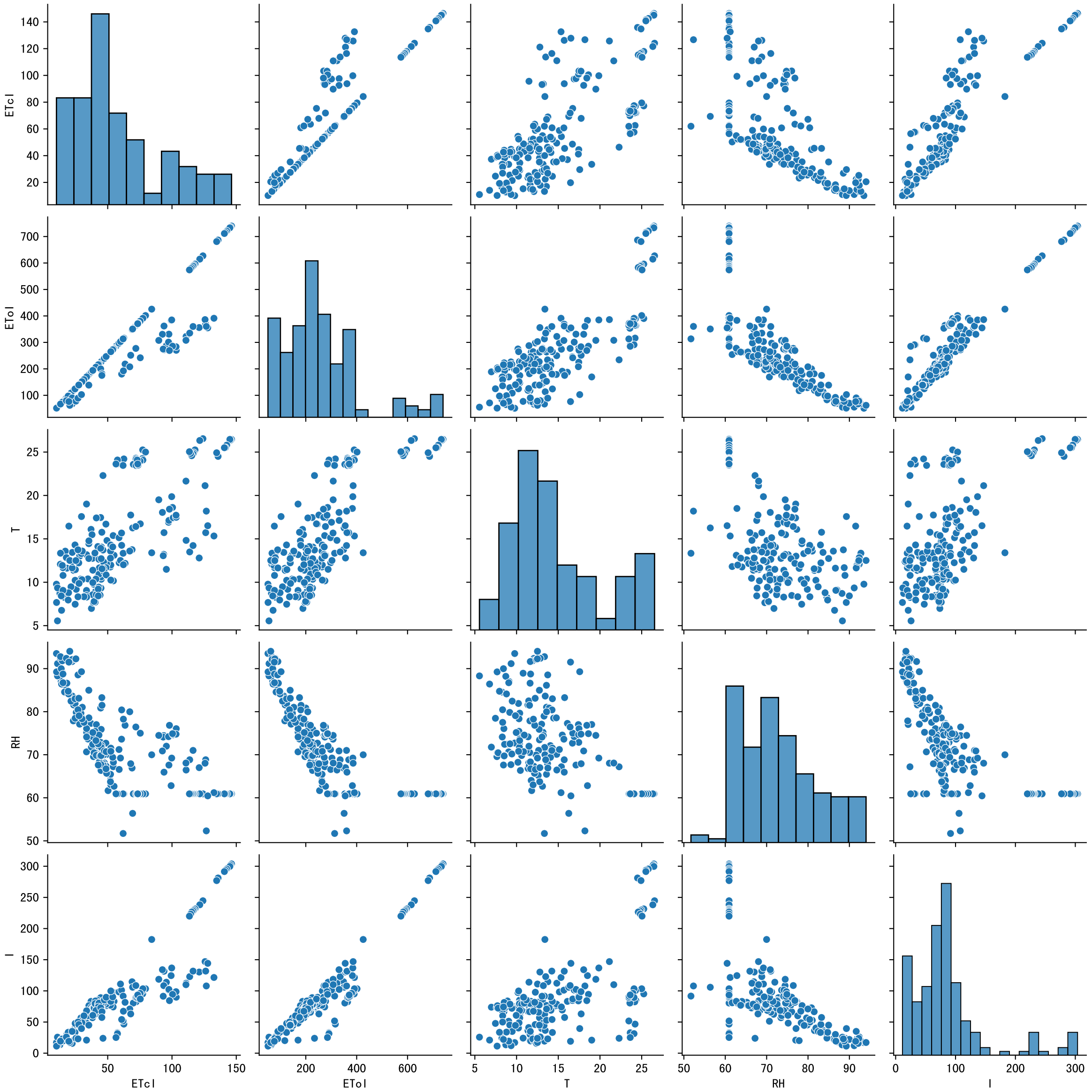
Trend plot forL1AC2_C2

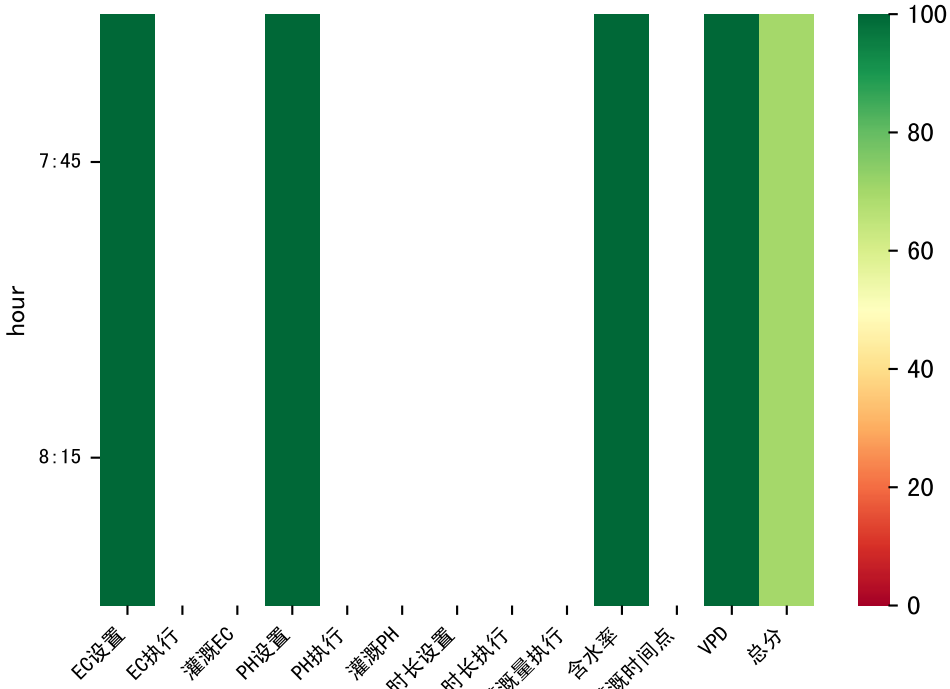



FgDaily
d
0.0
9.0
18.0
27.0
36.0
45.0
54.0
63.0
72.0
81.0
90.0
99.0
108.0
117.0
126.0
135.0
144.0
153.0
162.0
171.0
180.0
EC执行
设置PH
回液PH差
回液EC差
母液EC
母液PH
进液EC
回液PH
PH执行
回液EC
设置EC
进液PH
排灌比
液量比较
scTgtEC0
scSum
100
80
60
40
20
0


L1AC2_C2
ETcl
ETbai
Warning: col ['VN'] missing
T
PPFD
I
RH
ETclis
ETcPT
ETcRn
d


ETcI
ETcIdef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

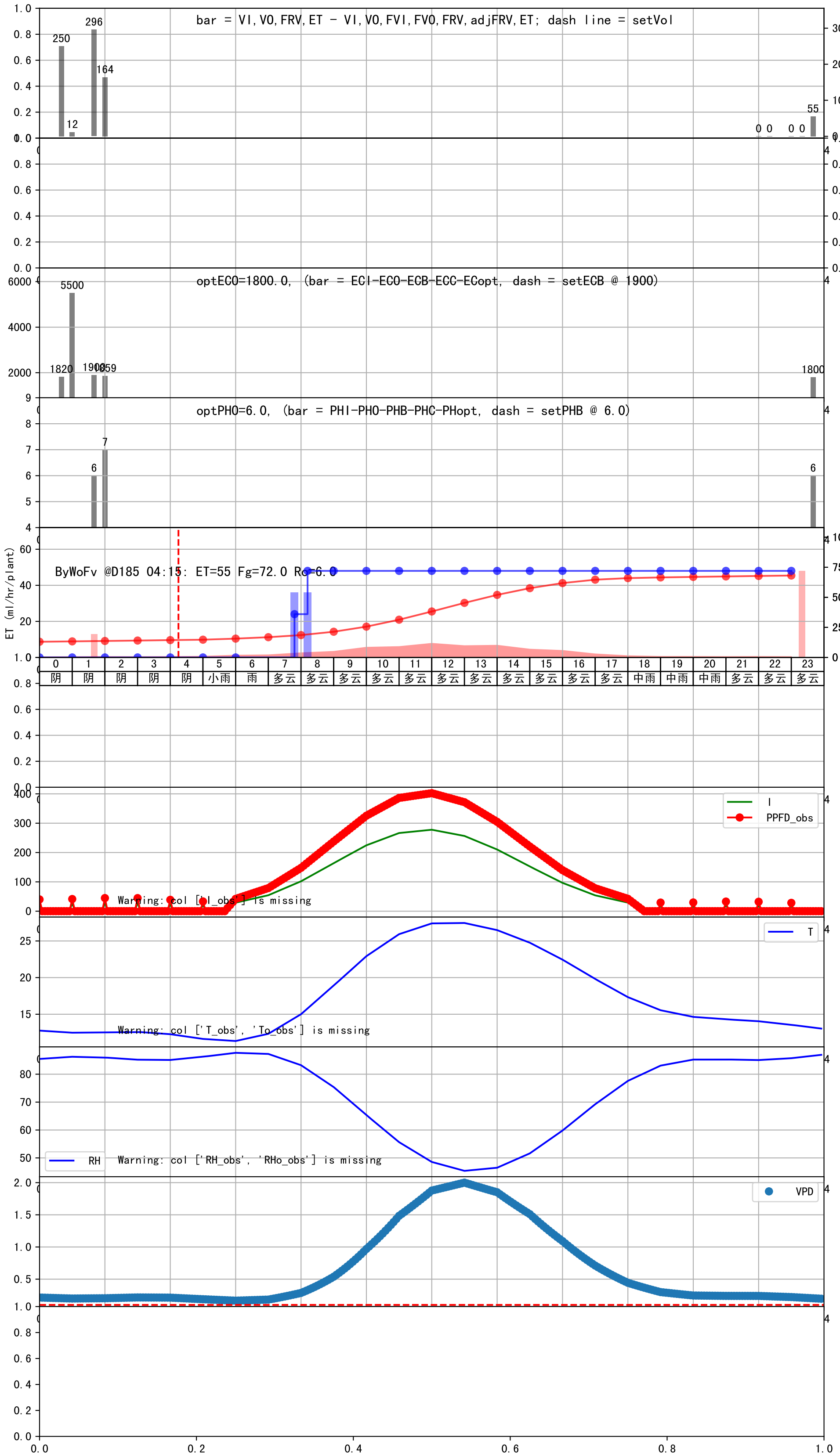

ETcl
ETol
T
RH
I
ETcl
ETol
T
RH
I

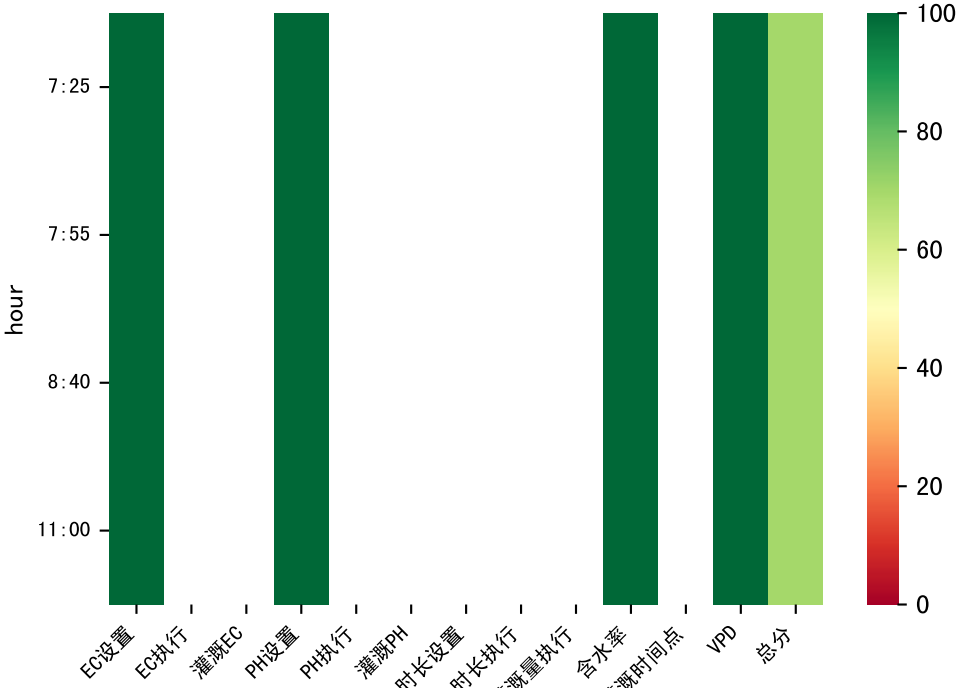

hour
7:45
8:15
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

L1AC2

A阀开关时间(秒)	B阀开关时
关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.0}, {'
关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.0}, {'

L1AC2_C2, Day=185 (2026-04-09)



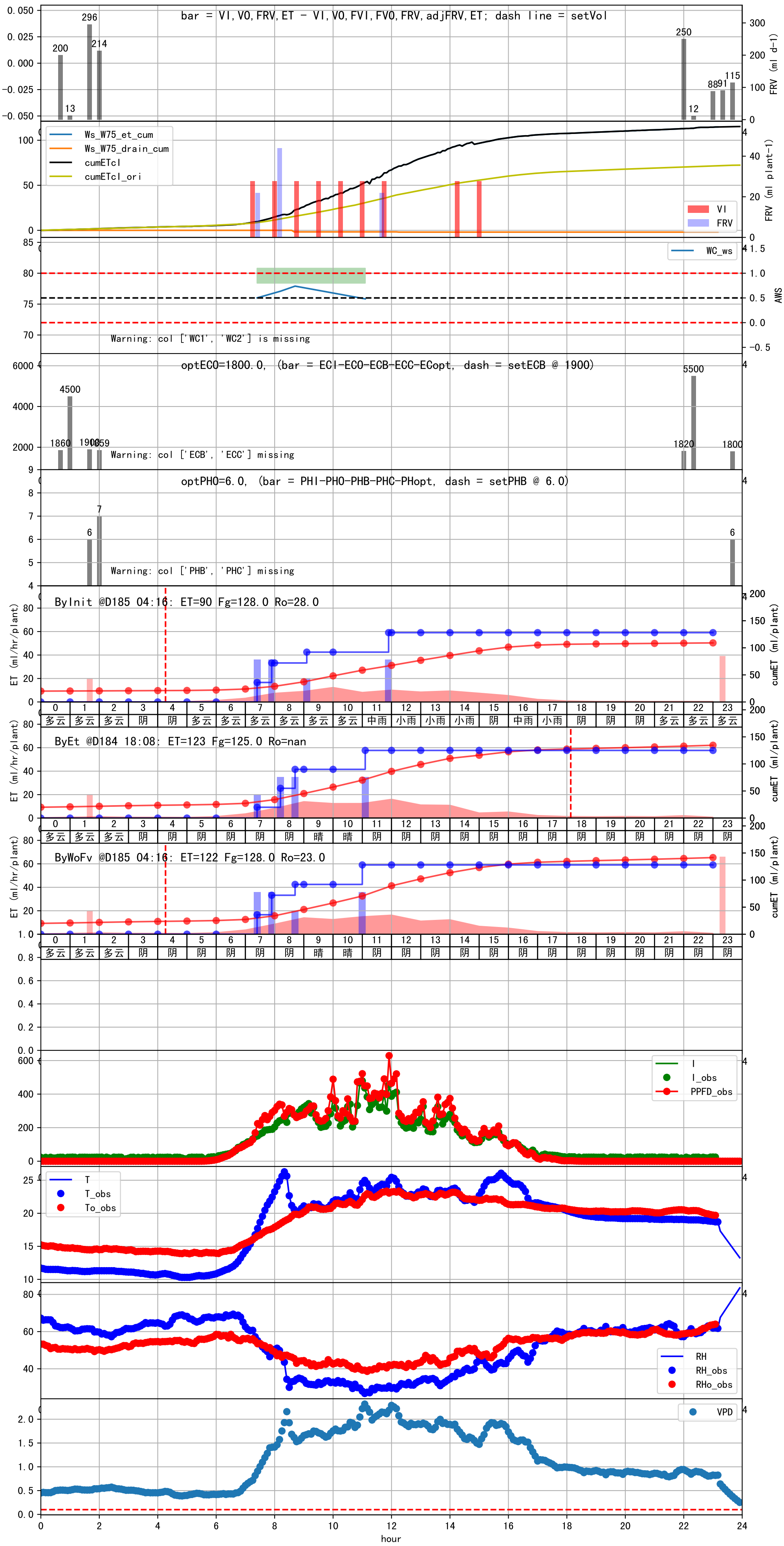

hour
7:25
7:55
8:40
11:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

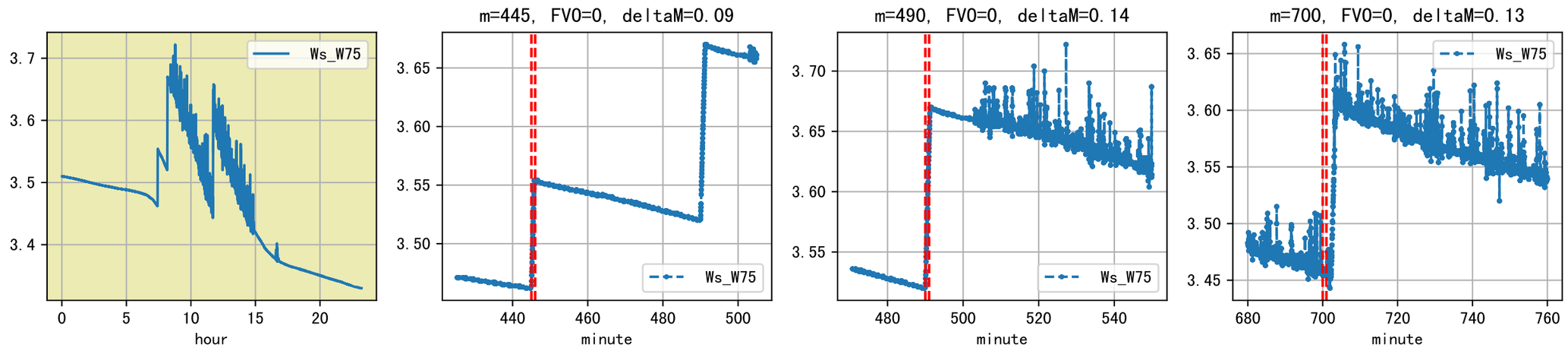
L1AC2

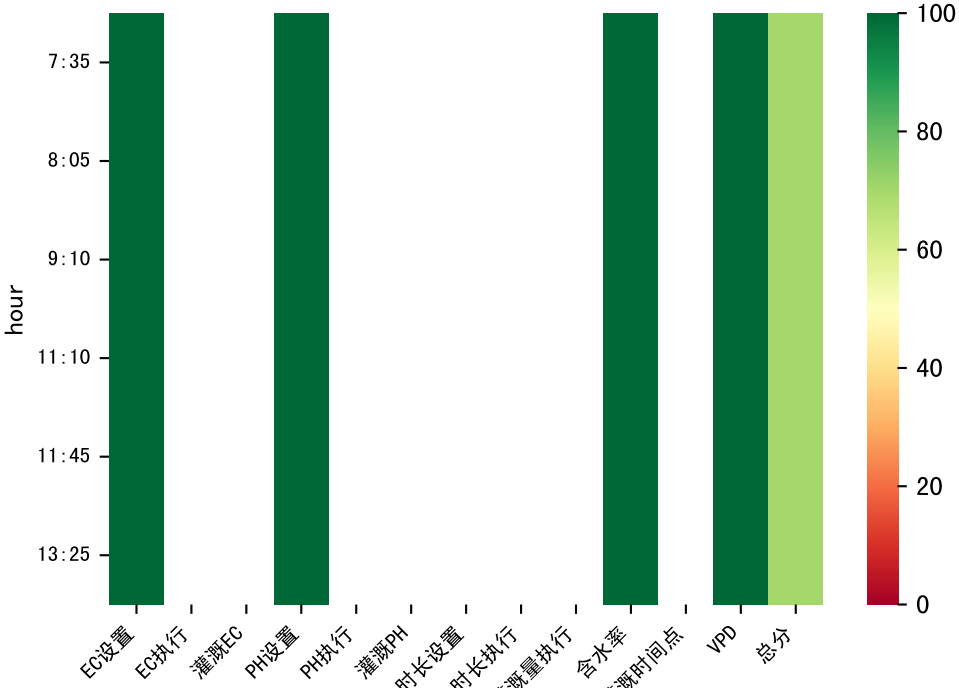
A阀开关时间(秒)	B阀
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.
[{'开': 5, '关': 17, '占空比': 65.0}]	
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.

上次灌溉流速比过去5天平均小 (0.31 vs 0.61)，可能管道压力异常或有管道堵塞
施肥机灌溉量与预期值不符 (22.0 : 36.0)，可能水表需要校准
默认实际灌溉36.0 ml.

L1AC2_C2, Day=184.0 (2026-04-08)




Ws_W75
hour
m=445, FV0=0, deltaM=0.09
Ws_W75
minute
m=490, FV0=0, deltaM=0.14
Ws_W75
minute
m=700, FV0=0, deltaM=0.13
Ws_W75
minute

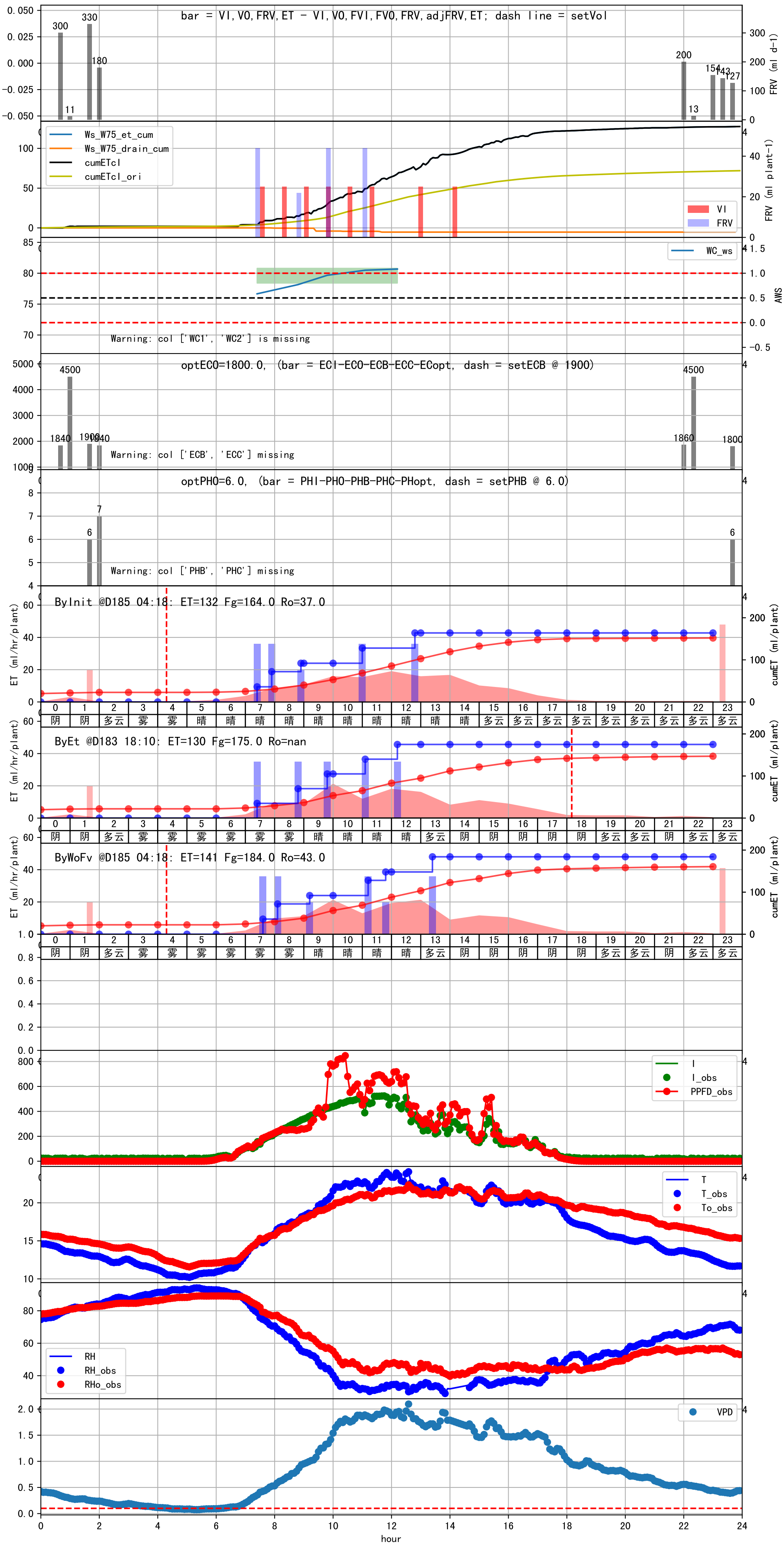

hour
7:35
8:05
9:10
11:10
11:45
13:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

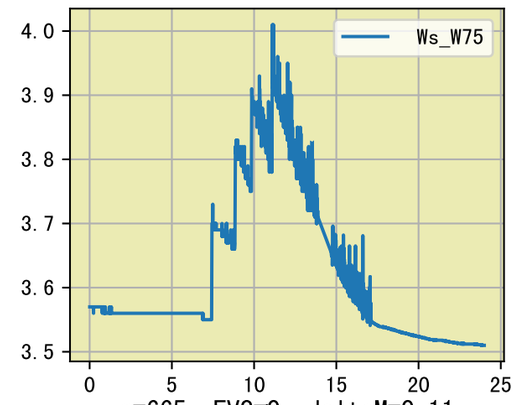
L1AC2

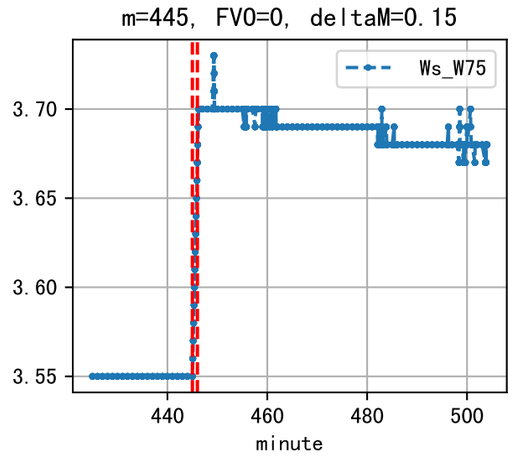
A阀开关时间(秒)	B阀
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.
[{'开': 5, '关': 17, '占空比': 65.0}]	
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.
[{'开': 5, '关': 17, '占空比': 65.0}]	
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.

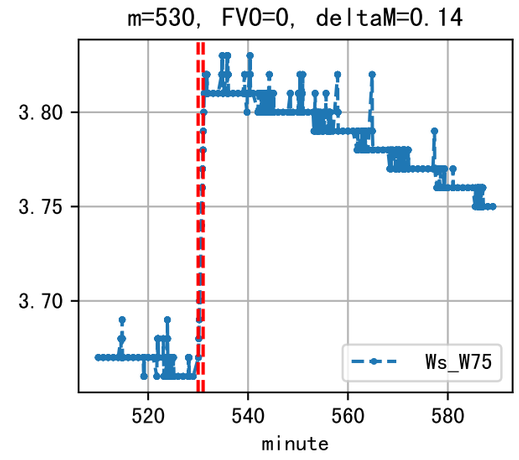
施肥机灌溉量与预期值不符 (44.0 : 35.0)，可能水表需要校准
默认实际灌溉35.0 ml.

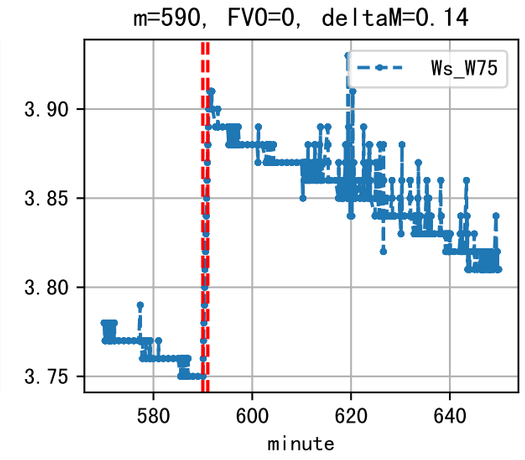
L1AC2_C2, Day=183.0 (2026-04-07)

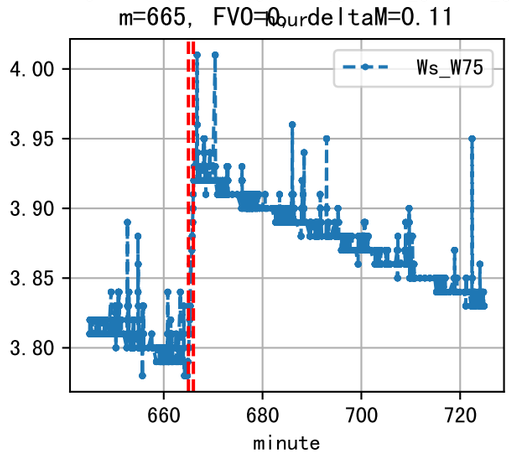


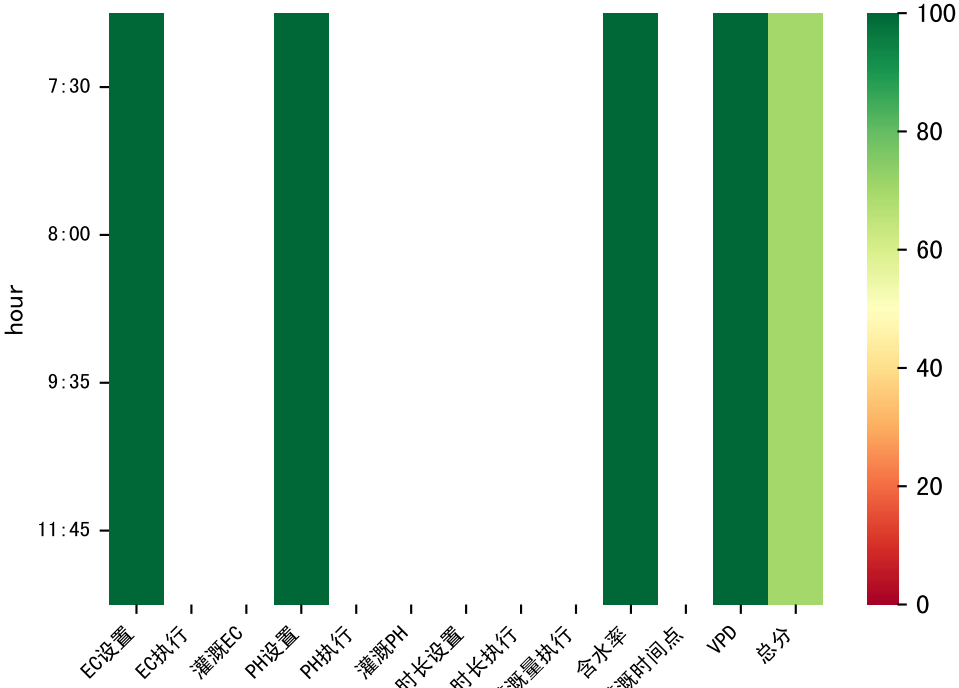

Ws_W75
4.0
3.9
3.8
3.7
3.6
3.5
0
5
10
15
20
25
hour


m=445, FVO=0, deltaM=0.15
Ws_W75
3.70
3.65
3.60
3.55
440
460
480
500
minute


m=530, FVO=0, deltaM=0.14
Ws_W75
3.80
3.75
3.70
520
540
560
580
minute


m=590, FVO=0, deltaM=0.14
Ws_W75
3.90
3.85
3.80
3.75
580
600
620
640
minute


m=665, FVO=0, deltaM=0.11
Ws_W75
4.00
3.95
3.90
3.85
3.80
660
680
700
720
minute

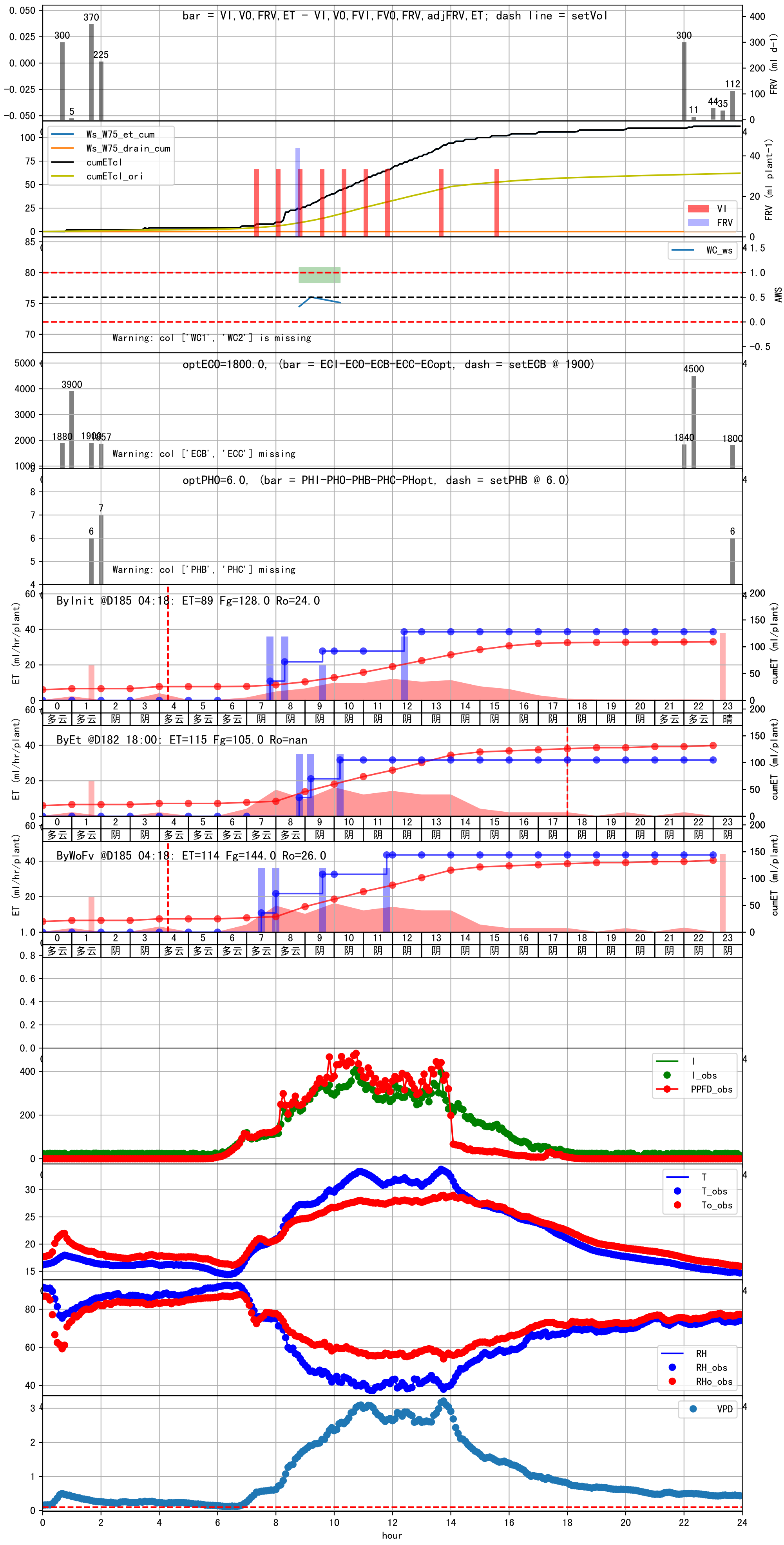

hour
7:30
8:00
9:35
11:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

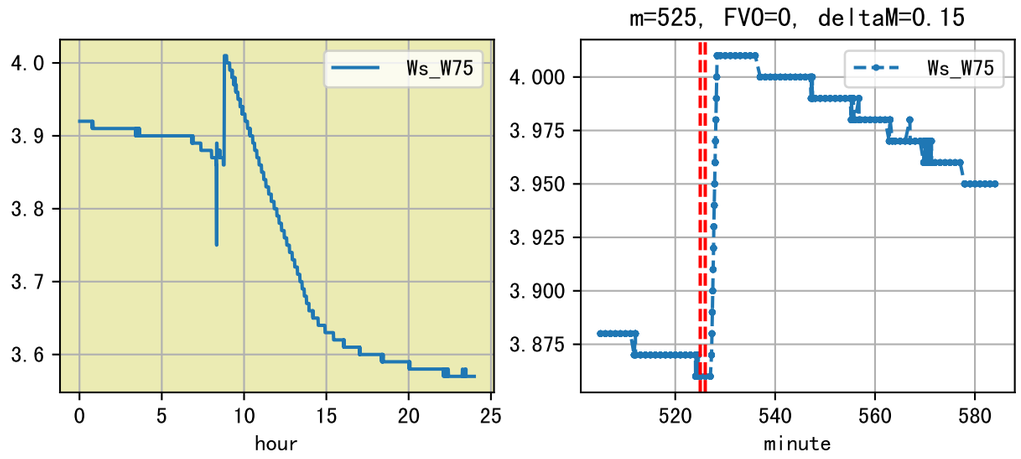
L1AC2

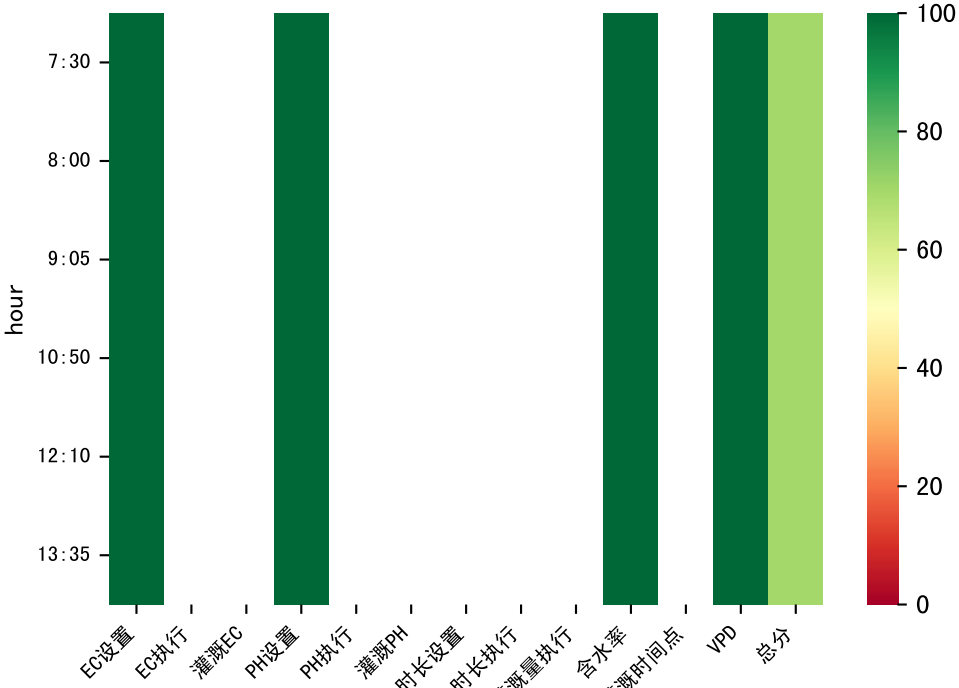
A阀开关时间(秒)	B阀
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.

施肥机灌溉量与预期值不符 (44.0 : 35.0)，可能水表需要校准
默认实际灌溉35.0 ml.

L1AC2_C2, Day=182.0 (2026-04-06)




m=525, FV0=0, deltaM=0.15
Ws_W75
4.0
3.9
3.8
3.7
3.6
0
5
10
15
20
25
hour
Ws_W75
4.000
3.975
3.950
3.925
3.900
3.875
520
540
560
580
minute

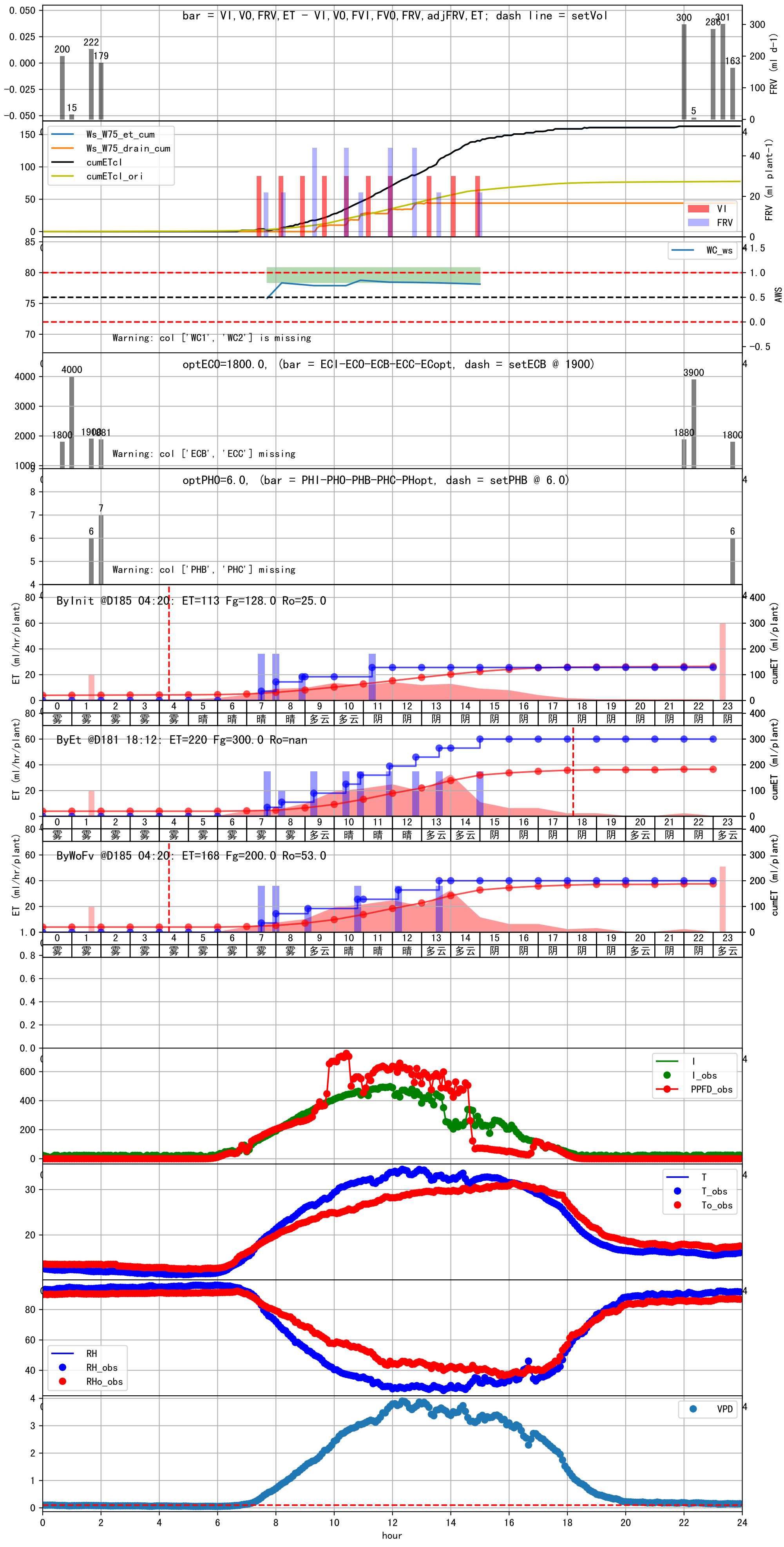

hour
7:30
8:00
9:05
10:50
12:10
13:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

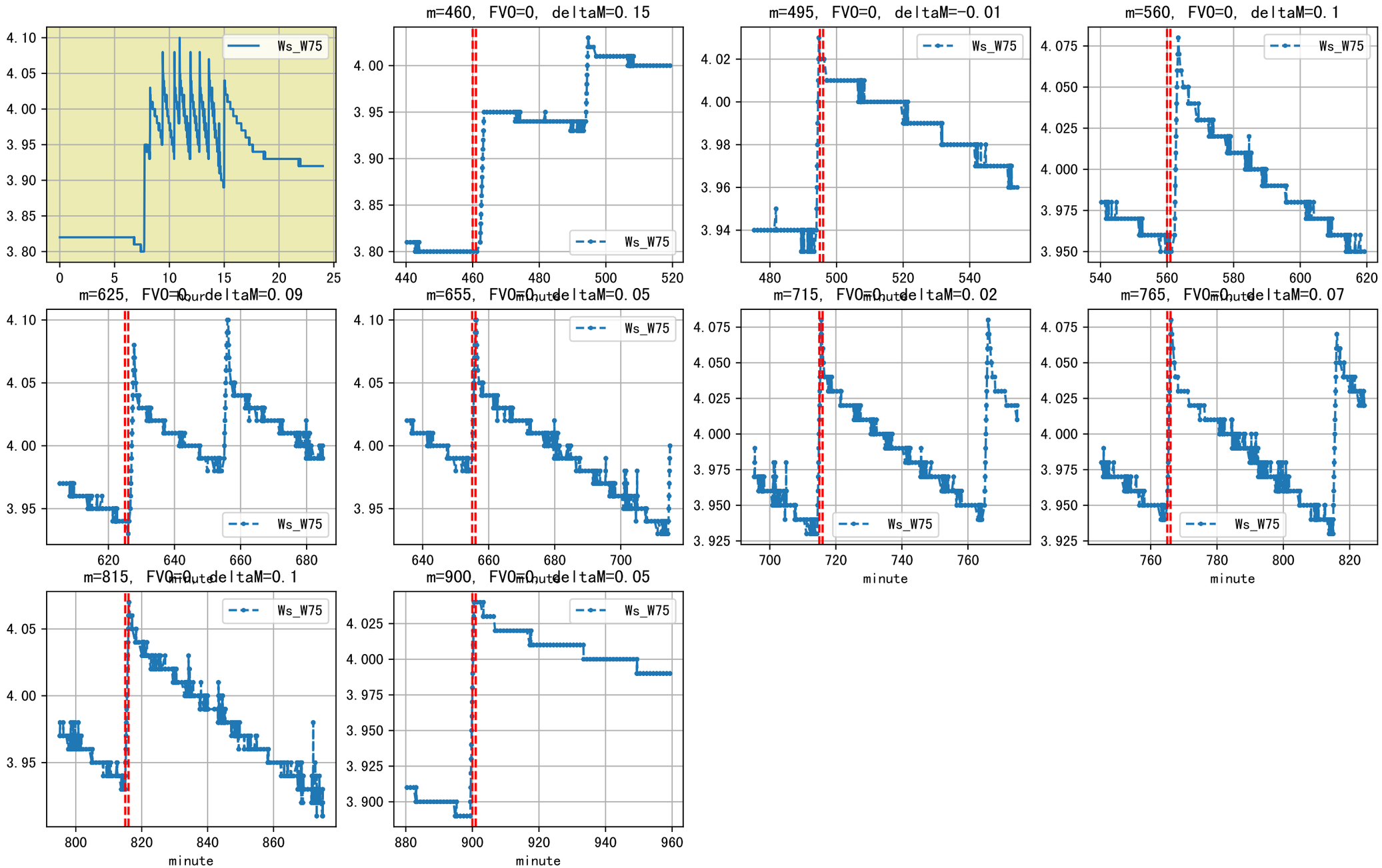
L1AC2

A阀开关时间(秒)	B阀
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.
[{'开': 5, '关': 17, '占空比': 65.0}]	
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.
': 5, '关': 17, '占空比': 65.0}, {'开': 35, '关': 47, '占空比': 65.0}]	[{'开': 18, '关': 30, '占空比': 65.

上次灌溉流速比过去5天平均小 (0.32 vs 0.61)，可能管道压力异常或有管道堵塞
施肥机灌溉量与预期值不符 (22.0 : 35.0)，可能水表需要校准
默认实际灌溉35.0 ml.

L1AC2_C2, Day=181.0 (2026-04-05)




Ws_W75
hour
m=460, FV0=0, deltaM=0.15
m=495, FV0=0, deltaM=-0.01
m=560, FV0=0, deltaM=0.1
m=625, FV0=0, deltaM=0.09
m=655, FV0=0, deltaM=0.05
m=715, FV0=0, deltaM=0.02
m=765, FV0=0, deltaM=0.07
m=815, FV0=0, deltaM=0.1
m=900, FV0=0, deltaM=0.05
minute