

Progress of Landside Impermeable Wall freezing: Phase 1 of the first stage

TEPCO

Changes in soil temperatures over time

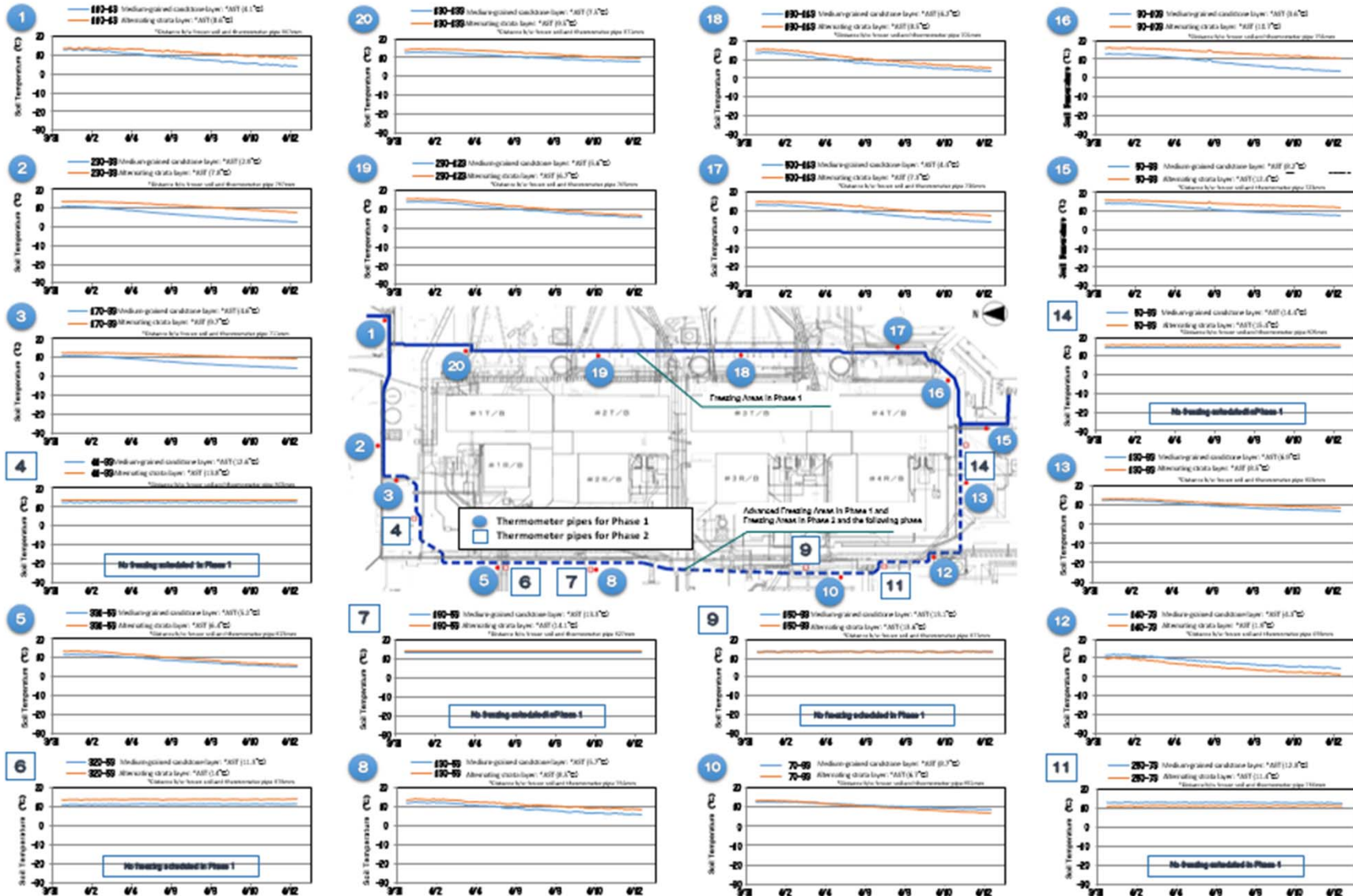
- Note
- Average Soil Temperature (AST) of medium-grained sandstone layer (blue line): average value of thermometer temperatures measured at 1m intervals except for the areas between ground surface and Ground Level 2m and the areas around the first muddy layer boarder.
 - Average Soil Temperature (AST) of alternating strata layer (red line): Average value of thermometer temperatures measured at 1m intervals except for the areas around the upper and lower parts of the alternating layer boarder.



Landside Impermeable Wall Freezing Progress Report: Soil Temperatures (Temperatures in Thermometer Pipes)

(as of 7 a.m. on April 12)

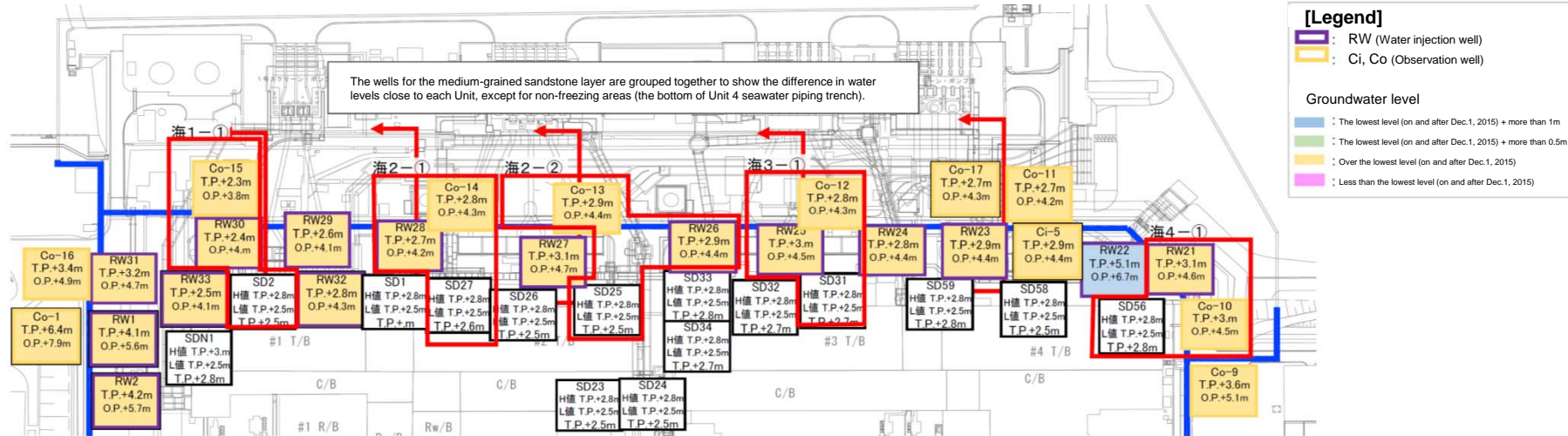
Phase 1



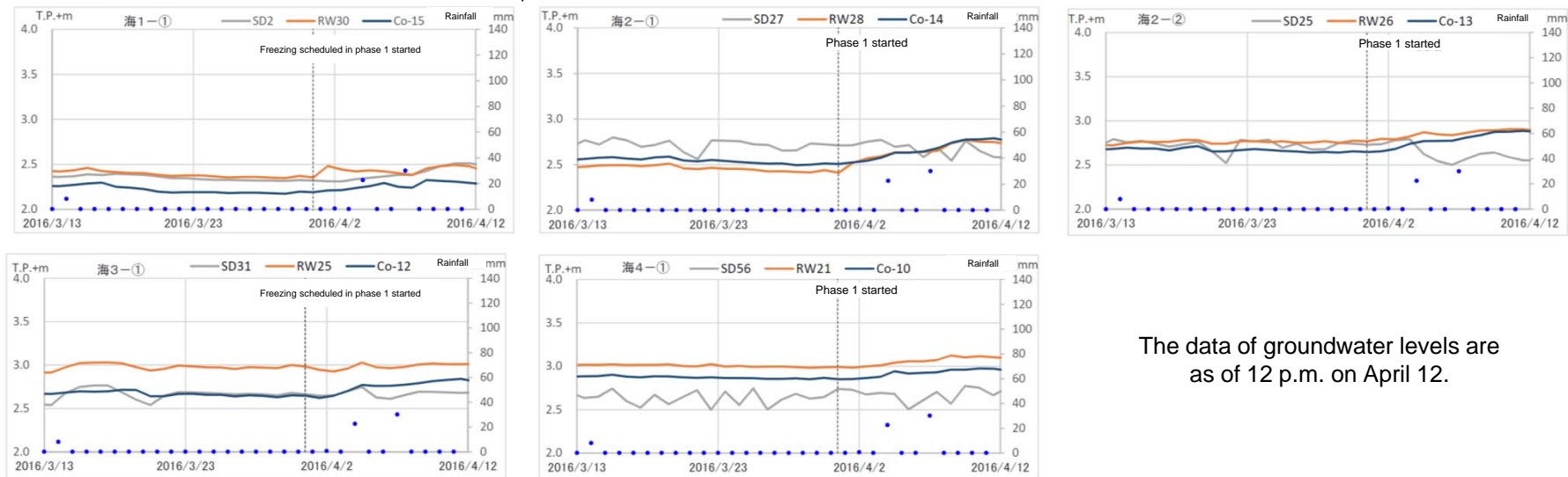
Groundwater levels and hydraulic heads (medium-grained sandstone layer 1 on the seaside)



1. Landside Impermeable Wall (groundwater levels around the seaside and the operations of Subdrain pumping system)



2. Groundwater levels inside and outside of the Landside Impermeable Wall

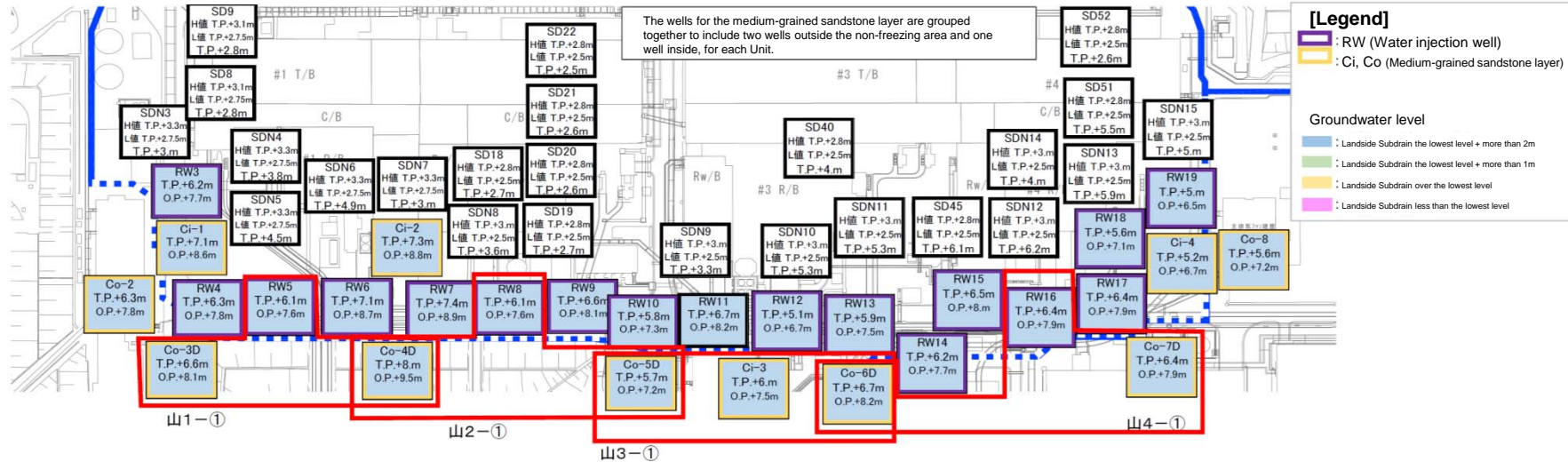


The data of groundwater levels are as of 12 p.m. on April 12.

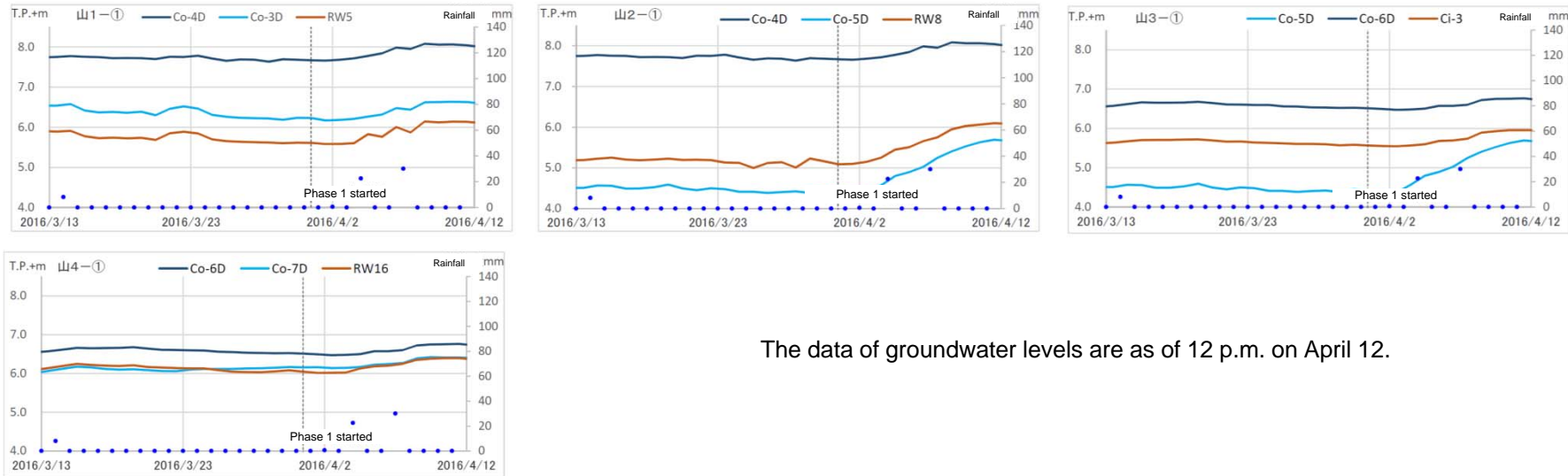
Groundwater levels and hydraulic heads (medium-grained sandstone layer 2 on the landside)



3. Landside Impermeable Wall (groundwater levels around the seaside and the operations of Subdrain pumping system)



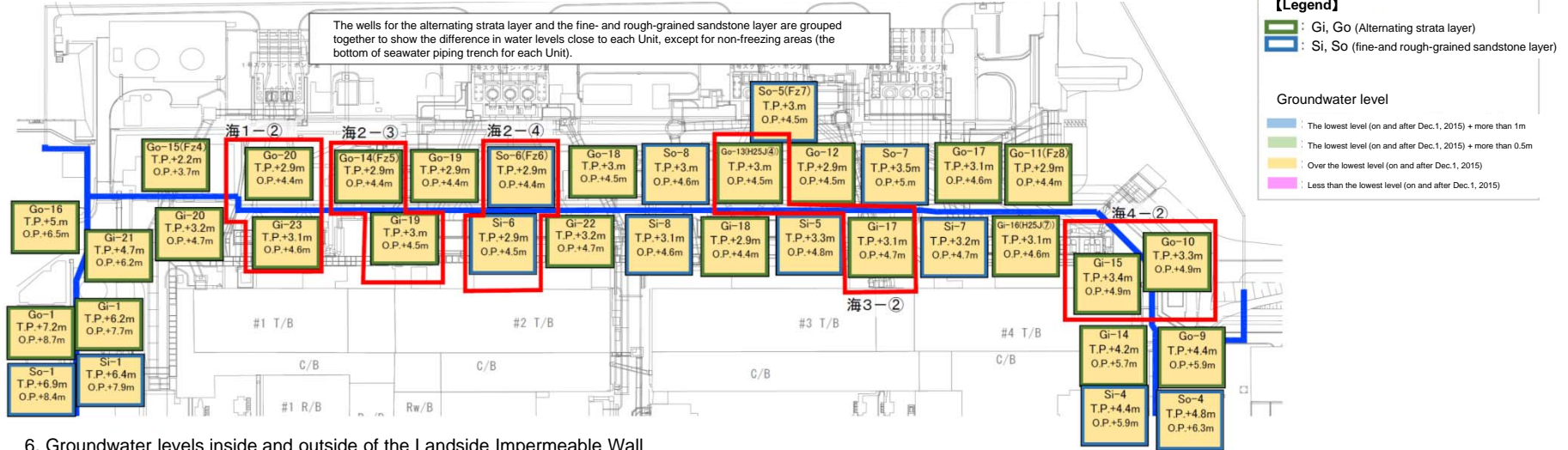
4. Groundwater levels inside and outside of the Landside Impermeable Wall



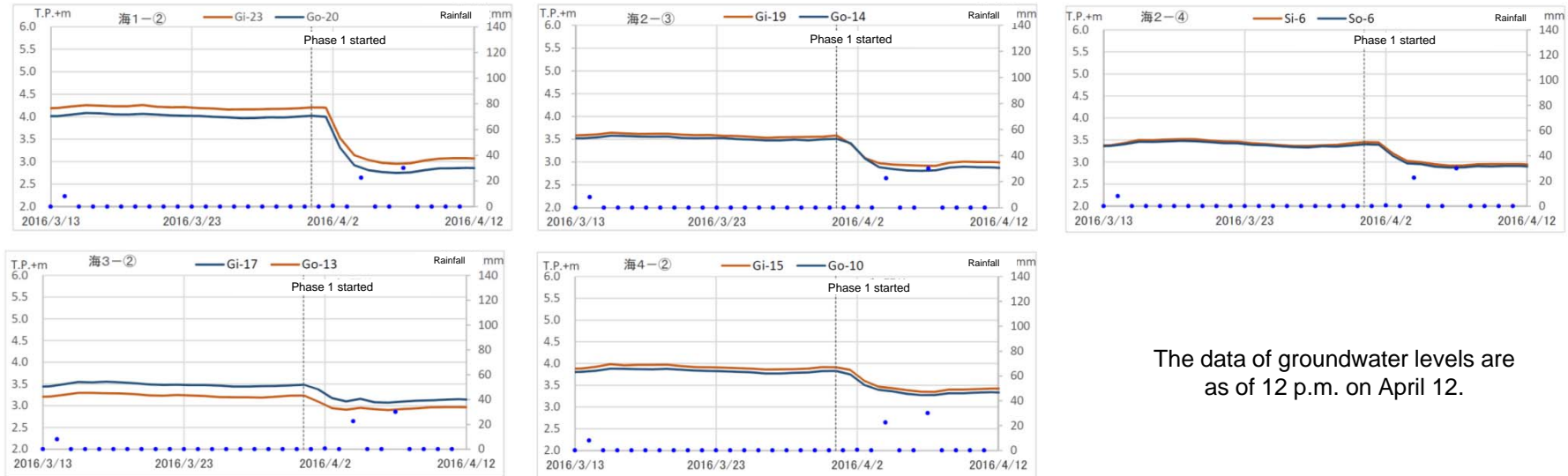
The data of groundwater levels are as of 12 p.m. on April 12.

Groundwater levels and hydraulic heads (alternating strata layer, fine- and rough-grained sandstone layer 1 on the seaside) **TEPCO**

5. Landside Impermeable Wall (groundwater levels around the seaside and the operations of Subdrain pumping system)



6. Groundwater levels inside and outside the Landside Impermeable Wall

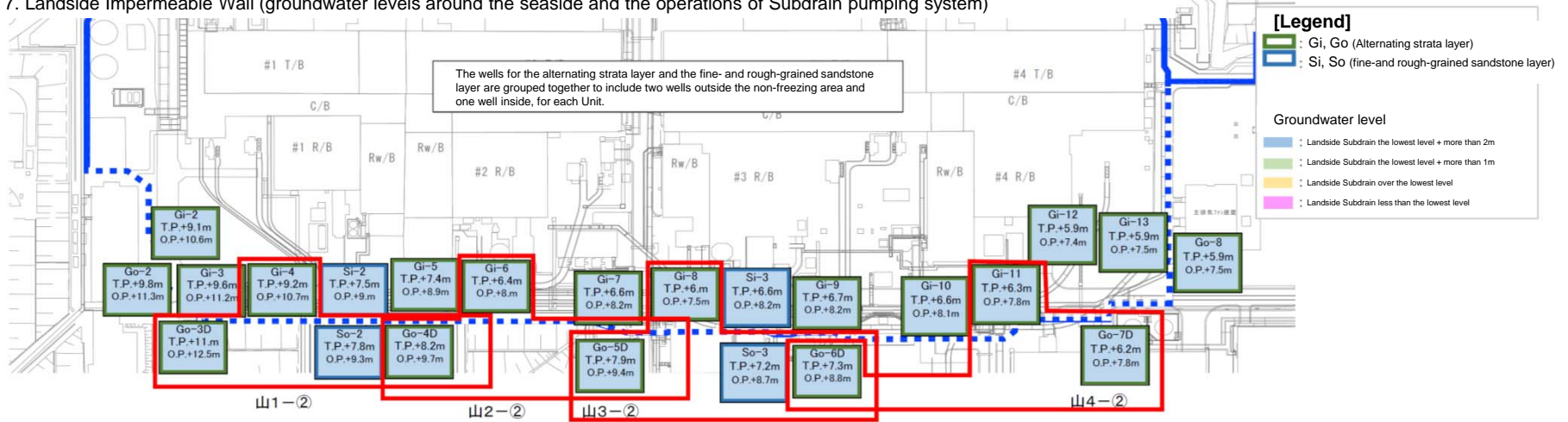


The data of groundwater levels are as of 12 p.m. on April 12.

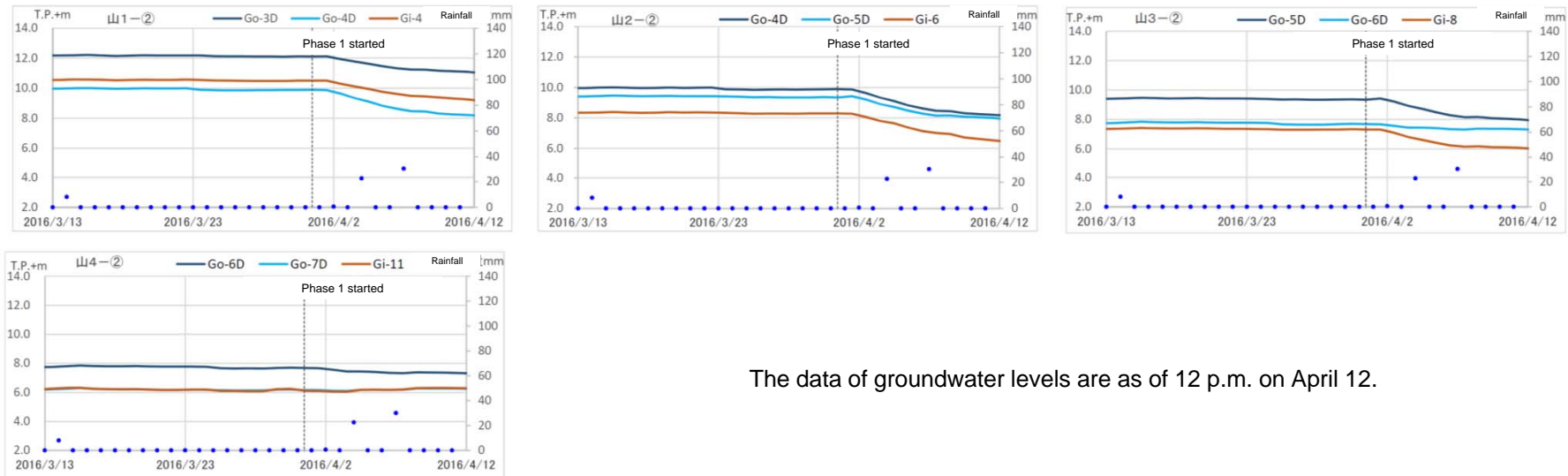
Groundwater levels and hydraulic heads

(alternating strata layer, fine- and rough-grained sandstone layer 1 on the seaside) **TEPCO**

7. Landside Impermeable Wall (groundwater levels around the seaside and the operations of Subdrain pumping system)



8. Groundwater levels inside and outside the Landside Impermeable Wall



The data of groundwater levels are as of 12 p.m. on April 12.

[Reference] Location map of groundwater level observation wells
(as of April 2016)

