

SERVICIO HIDROGRÁFICO Y OCEANOGRÁFICO DE LA ARMADA DE CHILE

ITP-TEWS-CHILE

2024

THEORETICAL KNOWLEDGE APPLIED TO OPERATIONAL PROCEDURES



PATRIOTISMO

Honor - Lealtad - Valentía - Integridad - Deber

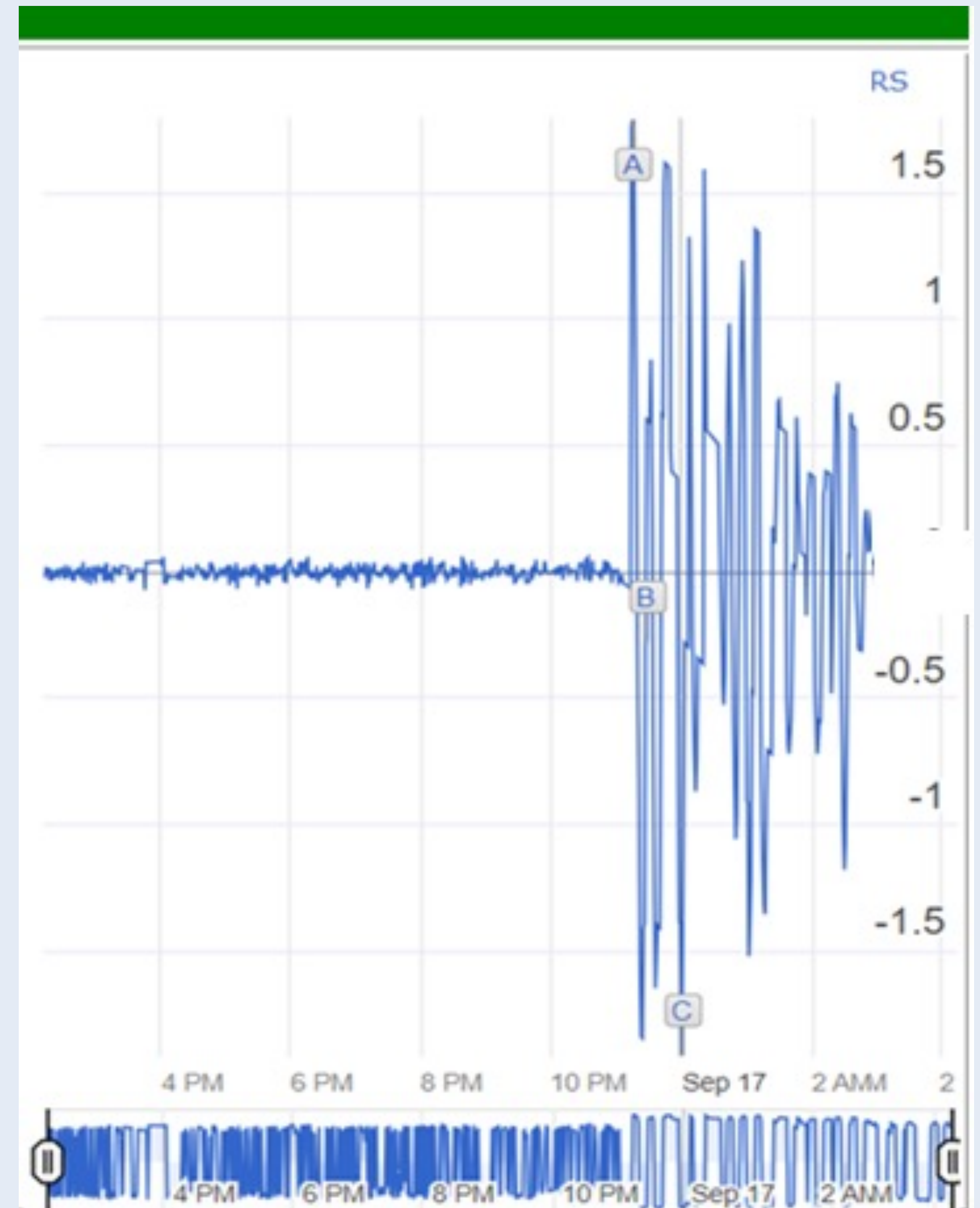
Tsunami Variability

Sea Level Monitoring

- Illapel Earthquake Sep-2015
 - ✓ SIPAT BLOCK Coquimbo: Sea Level Station Pichidangui

¿What Useful information can we retrieve?

¿Which decision would you take based on threat level?



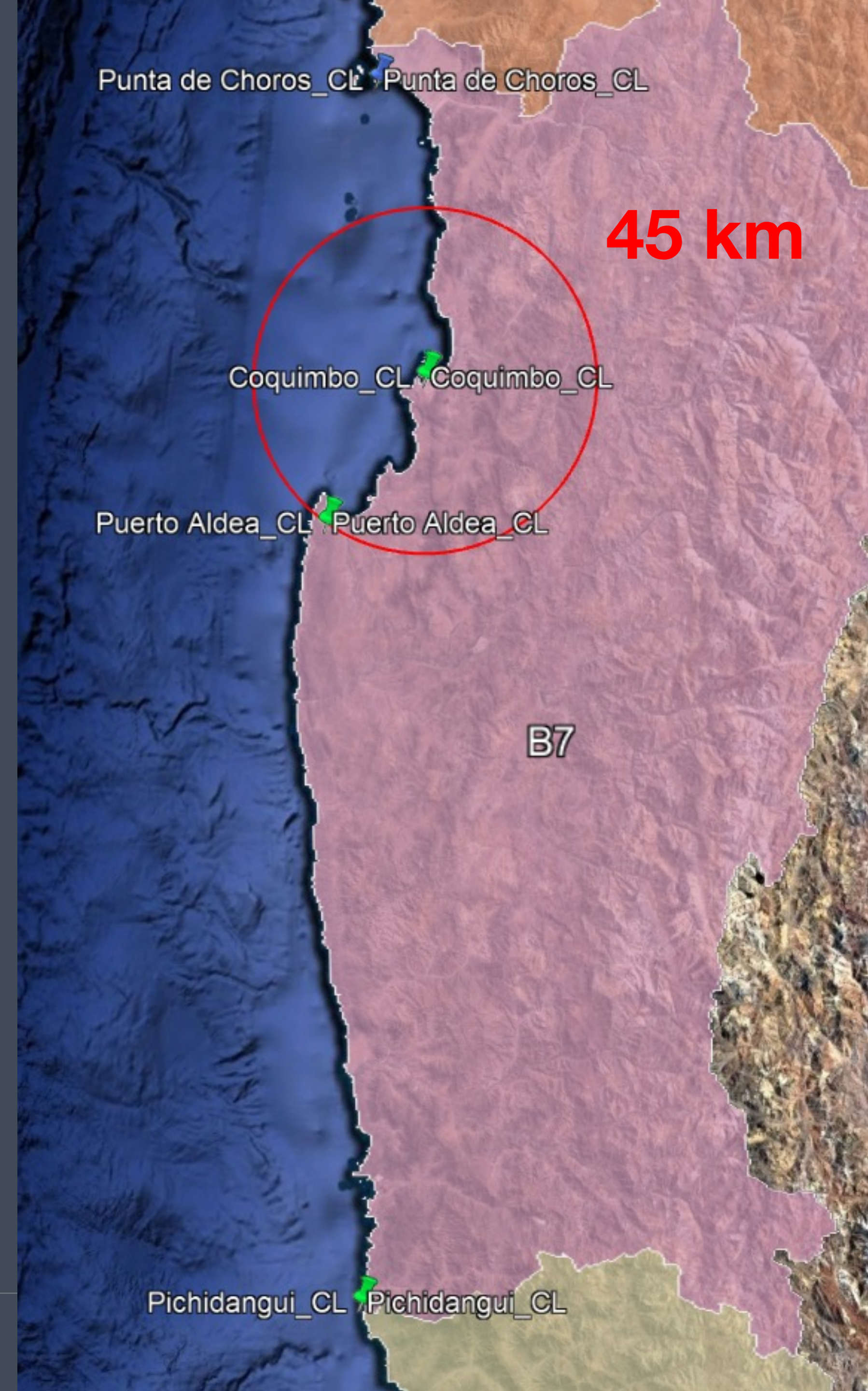
Sea Level Monitoring

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¿What Useful **information** can we retrieve?

¿Which **decision** would you take based on **threat** level?

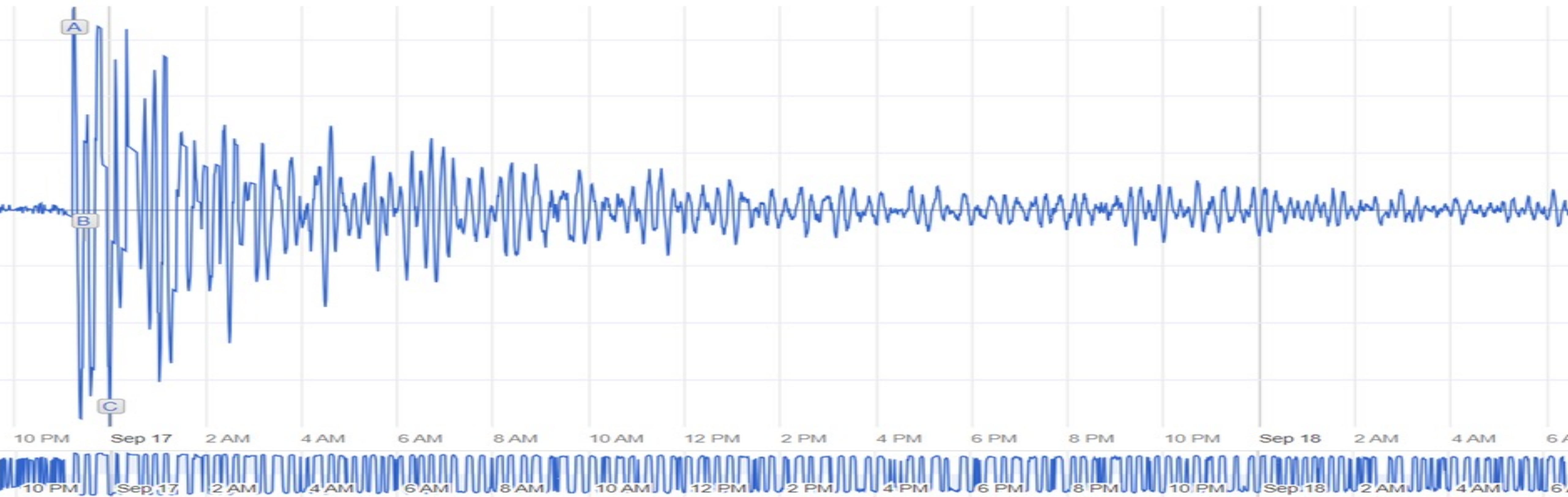
¿Is the Tsunami affecting the coast in the same way **everywhere**?



Sea Level Monitoring

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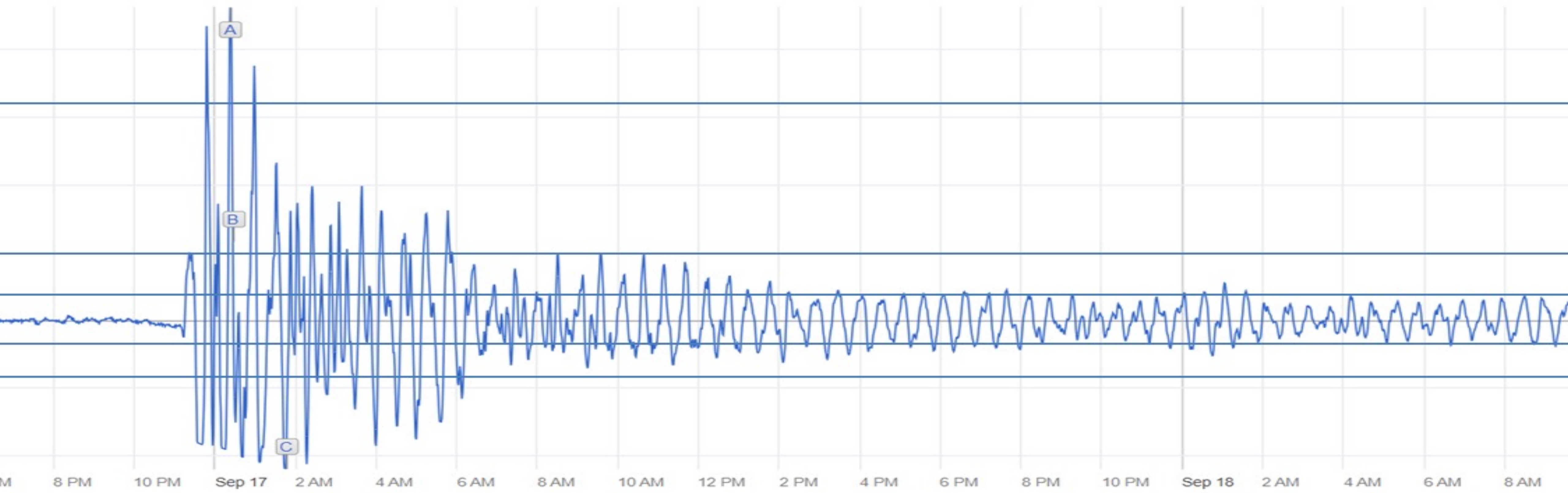
PICHIDANGUI-filtro [NORMAL] Estado Sensores (PRS:OPE RAD: OPE)



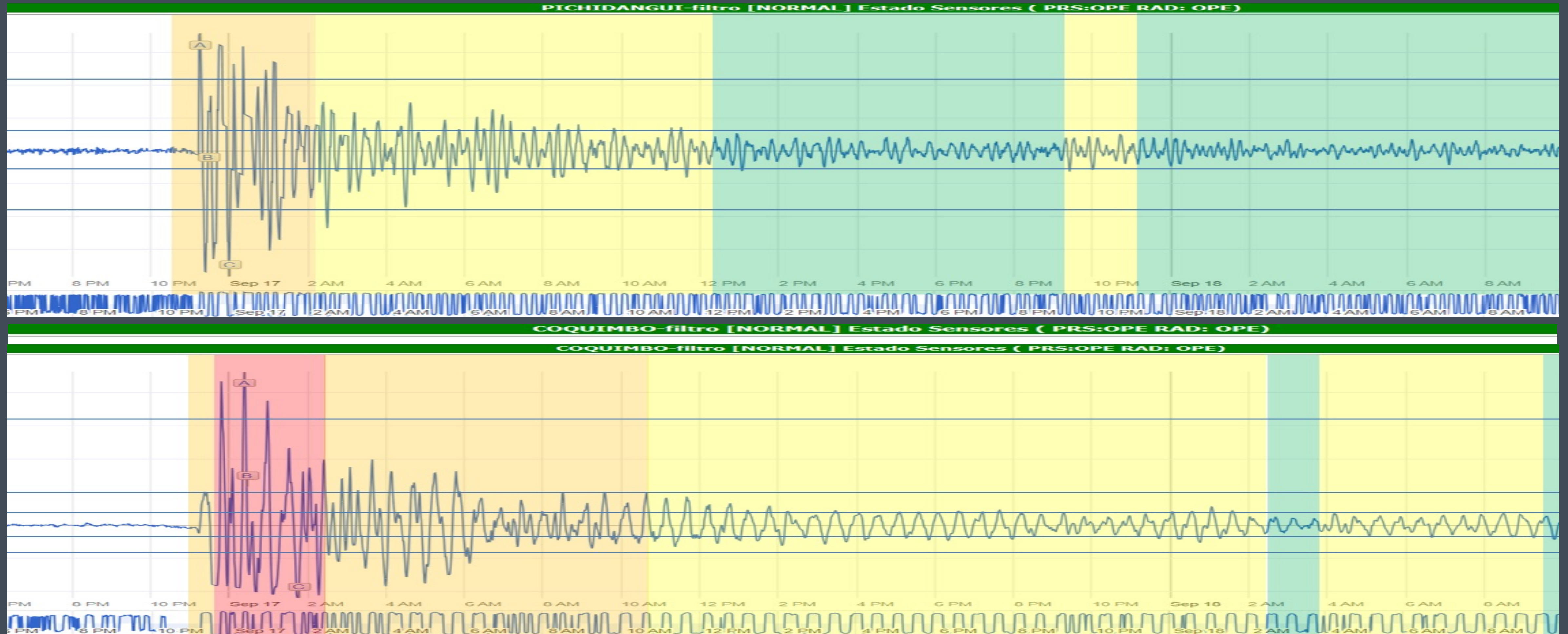
Sea Level Monitoring

- Illapel Earthquake Sep-2015
 - ✓ SIPAT BLOCK Coquimbo: Sea Level Station Coquimbo

COQUIMBO-filtro [NORMAL] Estado Sensores (PRS:OPE RAD: OPE)



¿When is the appropriate time to lower Threat Level?

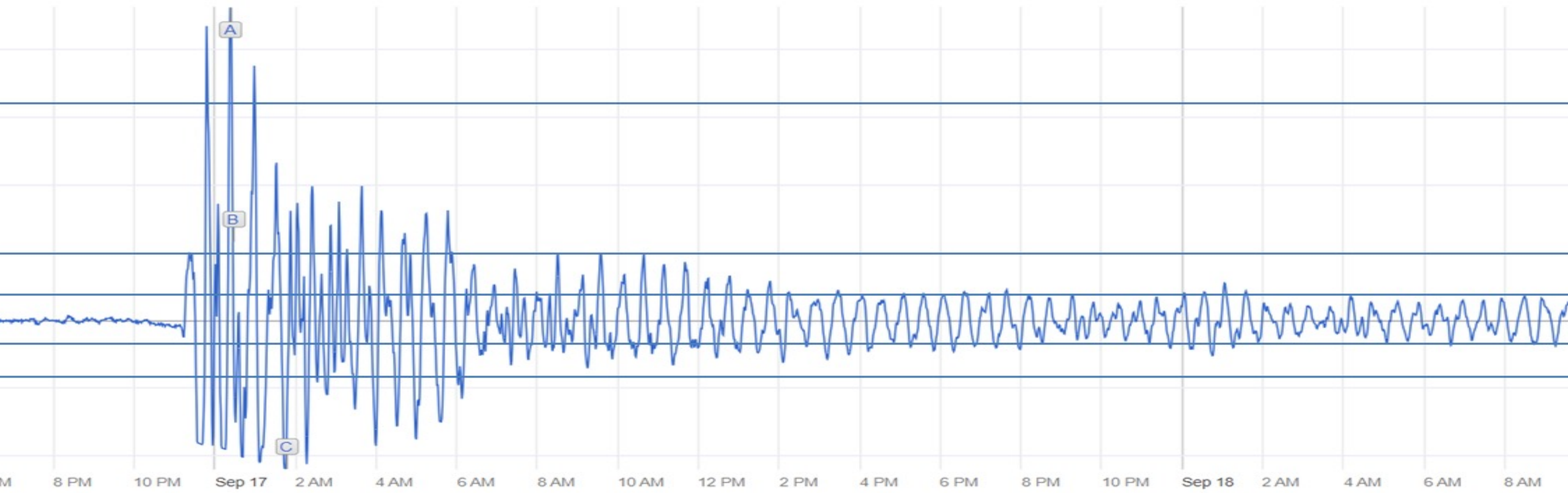


Sea Level Behavior depends on the Tsunami generation source

Sea Level Monitoring

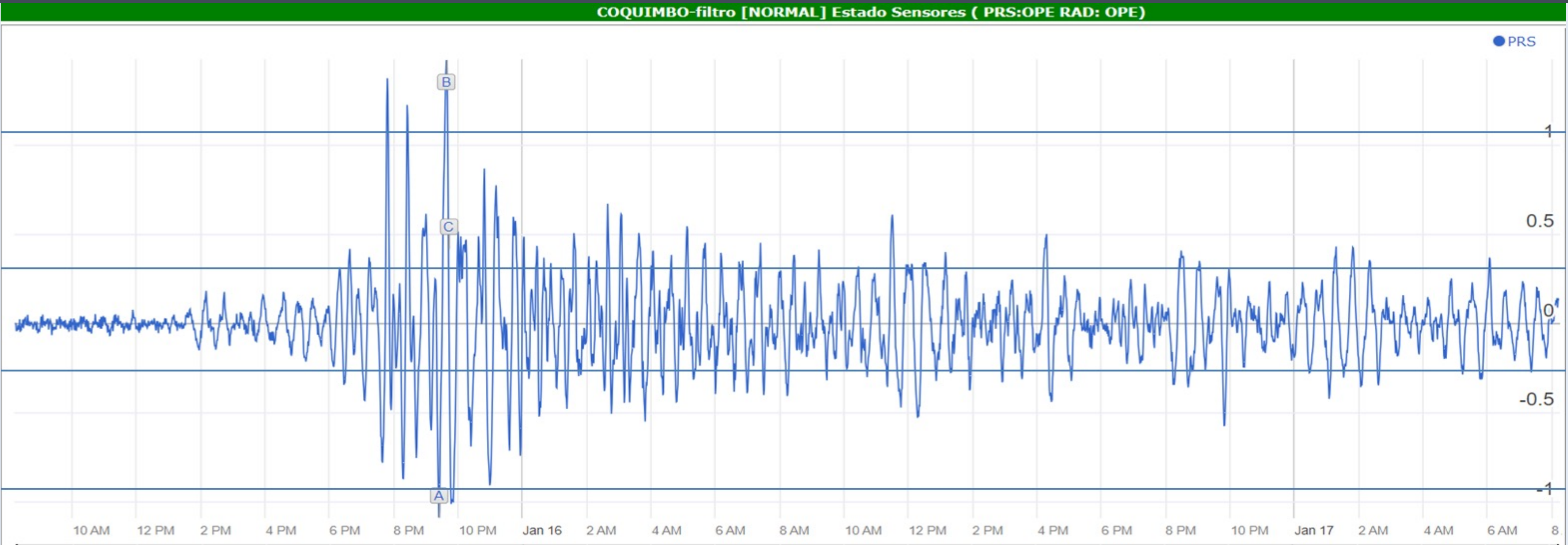
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COQUIMBO-filtro [NORMAL] Estado Sensores (PRS:OPE RAD: OPE)



Sea Level Monitoring

- Tonga Event Jan-2022
 - ✓ SIPAT Block Coquimbo: Sea Level Station Coquimbo





Thank you for your attention

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