

## Southeast Pacific ITCZ

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Satellite measurements of rainfall, surface wind vector, sea surface temperature, integrated water vapor, and integrated cloud liquid water content are used to describe the Southern (Hemisphere) Intertropical Convergence Zone, named SITCZ, which occurs from 8S to 2S and 130W to 90W. Four characteristics distinguish the SITCZ from the ITCZ: SITCZ is located south of the equator and ITCZ is north of the equator; SITCZ occurs only in March - May while ITCZ is present throughout the year; SITCZ remains poorly observed while ITCZ has been extensively studied; numerical simulation of SITCZ is greatly more difficult compared to ITCZ.