

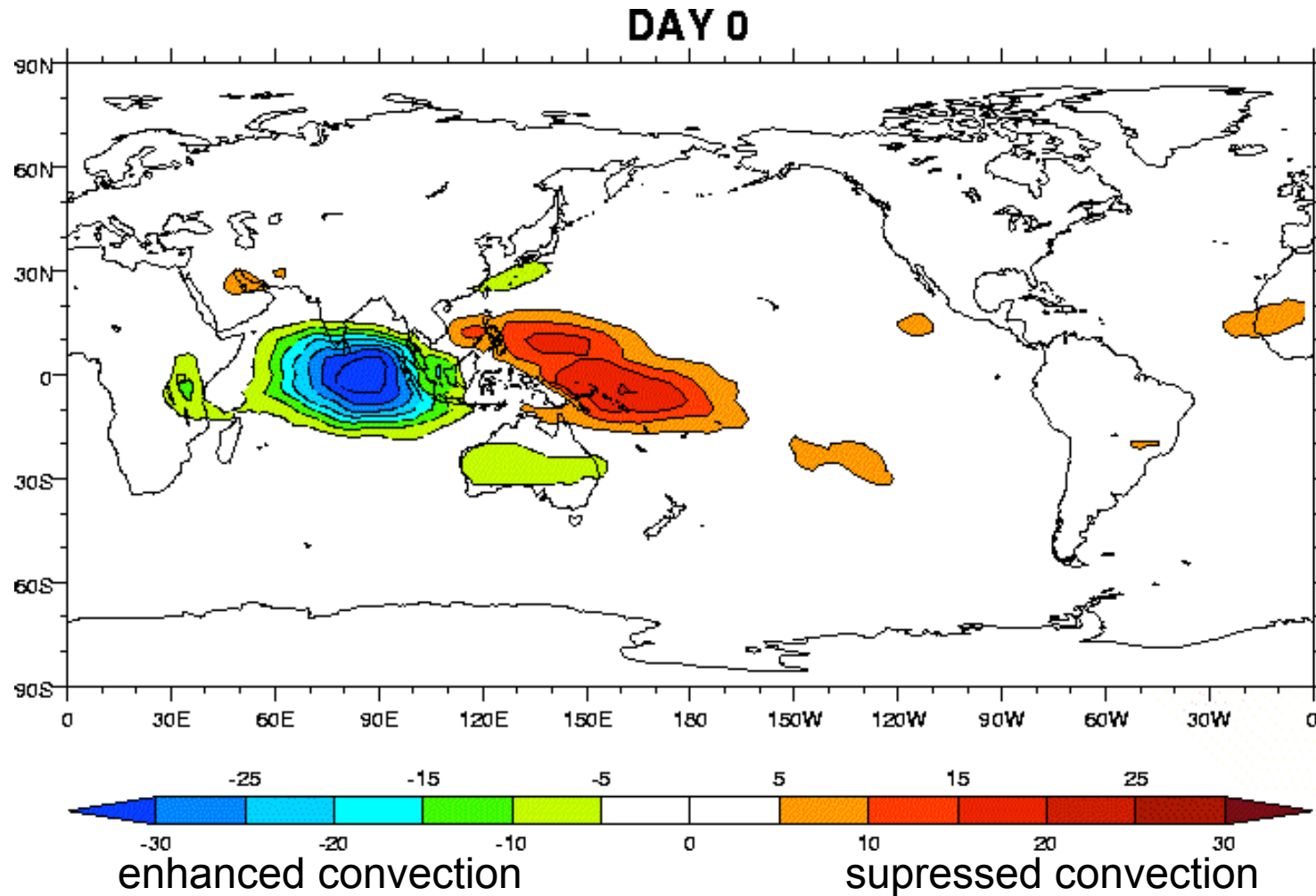
CMMAP GRAD COLLOQUIUM 2009

Matthew T. Masarik

Tuesday, July 22nd 2009

MJO PHENOMENA

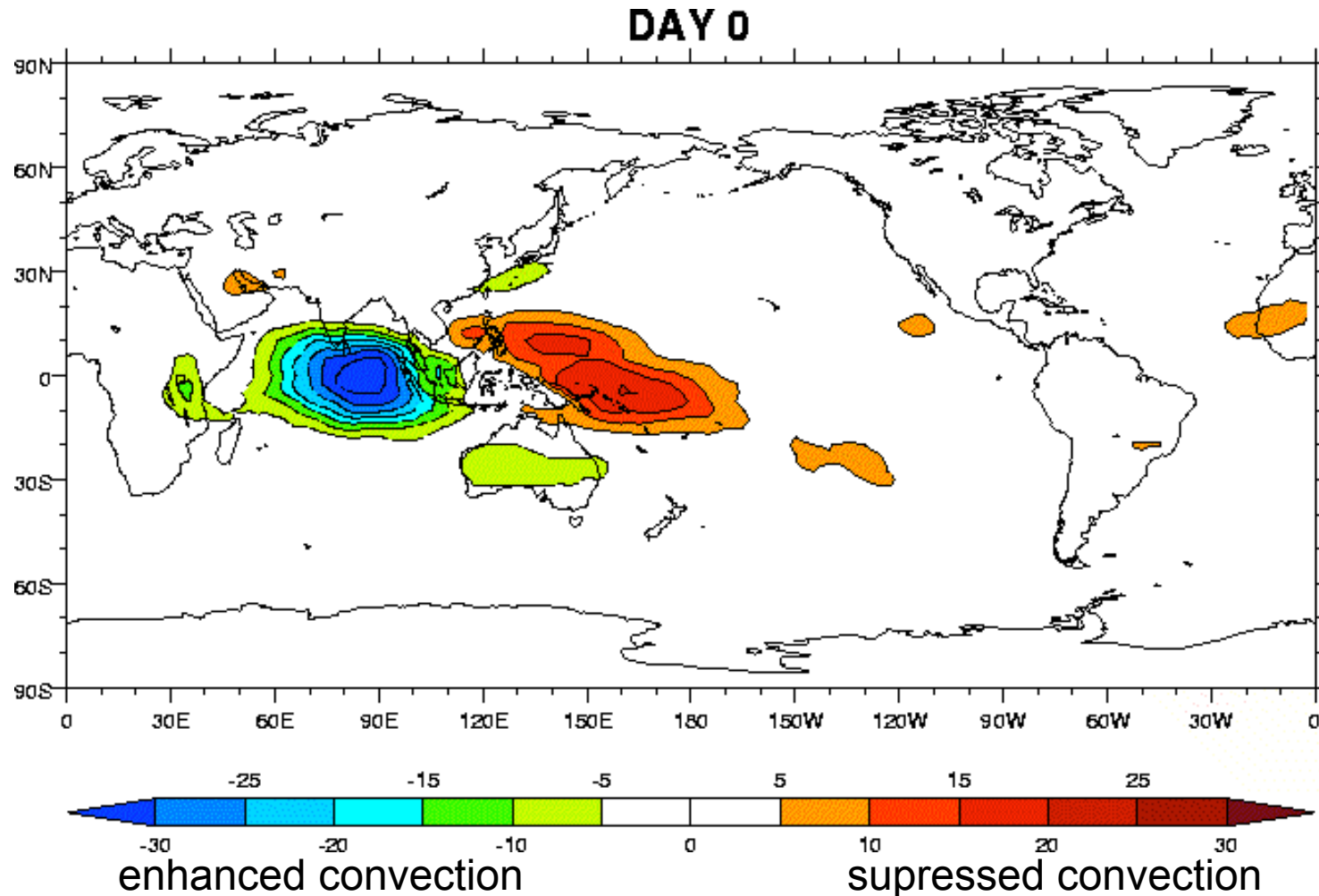
- A composite, mean MJO lifecycle seen in OLR (W/m^2) anomalies.



* Animation credit: Dr. Adrian Matthews

MJO PHENOMENA

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MULTI-SCALE STRUCTURE

Planetary Scale
Circulation field
~10,000-20,000 km

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Circulation field
~10,000-20,000 km

Mesoscale
Cloud complexes
~100 km

Synoptic Scale
Convective core
~2,000-4,000 km

