

Convective Lifespans

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CONTRAST
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Convective Lifespans

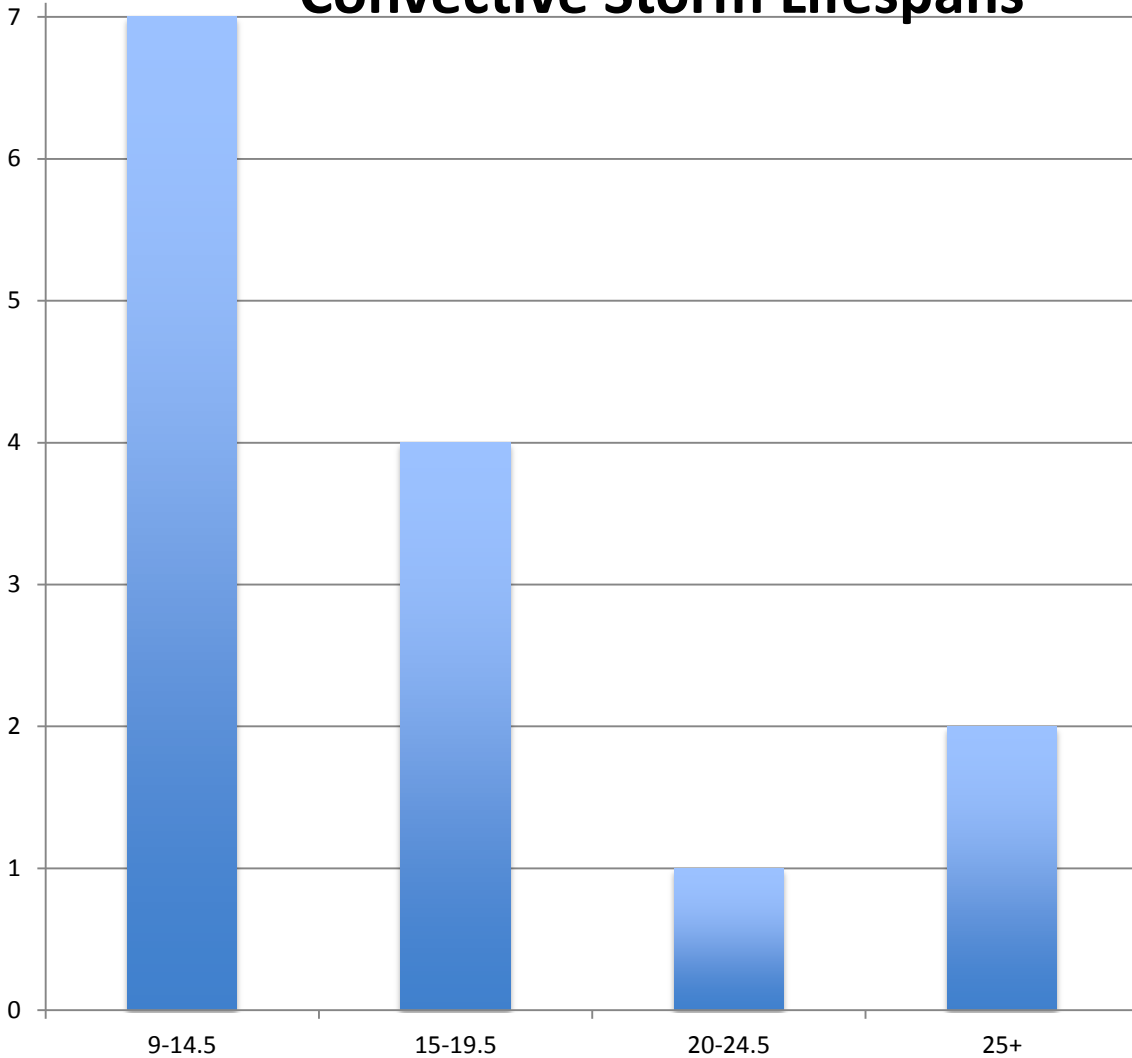
- Looked at large areas of convection
- Begin - when “green” shows up or vertical motion is clear
- End – when “green” disappears or cell has clearly dissipated

Date	Duration (h)	Start Time (UTC)	End Time (UTC)
2014JAN13	18	0632	0032
2014JAN13	9.5	1332	2302
2014JAN14	16	0900	0100
2014JAN15	10.5	2032	0632
2014JAN15	14	0032	1432
2014JAN17	9.5	0632	1601
2014JAN17	9	1732	0232
2014JAN18	20	0801	0401
2014JAN19	25.5	0601	0730
2014JAN19	16	0901	0101
2014JAN20	15	1001	0101
2014JAN20	39.5	1232	0401
2014JAN21	9.5	1601	0132
2014JAN22	11.5	1401	0131

Convective Storm Lifespans

Average Life Span (h)	15.96
Median Life Span (h)	14.50
Standard Deviation (h)	8.29

Number of Storms



Span of Storm Duration (h)

Conclusion

- Convective cells tend to start growing in the evening or early morning
- Convective cells tend to die in the late morning or early afternoon
- Lifespans are mostly under 20 hours