

## Kevin Stewart

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**From:** Markus Ritsch [MLRitsch@water-and-earth.com]  
**Sent:** Wednesday, December 22, 2010 1:17 PM  
**To:** Kevin Stewart  
**Cc:** Markus Ritsch (mlritsch@water-and-earth.com)  
**Subject:** RE: FMC Rainfall Analysis - 1/4" Rain in Less than 30 Min

Kevin,

It turns out that I do have the 30-min rainfall quantified down to 6 tips (0.236"). Here is what we have:

Using just the 17 rain stations in the FMC area, we had 350 days in the past 21 years that exceeded 0.236" of rain in a 30-min period.

Every year since 1989 has seen at least one day where more than 0.236" has fallen in a 30-min period. The table below shows the occurrences per year.

Let me know if you want to look at anything else.

Thanks,  
Markus

Year	Occurrence of 30-min rain accumulation exceeding 0.236"
1989	1
1990	18
1991	25
1992	18
1993	20
1994	27
1995	22
1996	23
1997	27
1998	22
1999	35
2000	12
2001	27
2002	13
2003	16
2004	13
2005	9
2006	2
2007	9
2008	1
2009	5
2010	5

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