

JIM'S WEATHER GENERATOR

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Start with whatever precipitation and wind conditions you wish, then roll
d% at the start of each day for the change in weather conditions:

		PRECIPITATION	WIND
01-03	5 steps better		
04-07	4 steps better		
08-15	3 steps better	Clear	Calm
16-24	2 steps better	Ptly Cloudy	Breeze
25-39	1 step better	Mostly Cloudy	Lt. Wind
40-60	same	Cloudy	Windy
61-75	1 step worse	Misty/Drizzle (*)	Heavy Wind
(***)			
76-85	2 steps worse	Rain/Sleet (**)	Gale (+)
86-93	3 steps worse	Thunderstorm/Snow (***)	
Cyclone/Tornado (+++)			
94-97	4 steps worse	Deluge/Blizzard (+)	
98-00	5 steps worse	Hurricane/Monsoon (++)	

- * Maximum Duration 14 days
- ** Maximum Duration 10 days
- *** Maximum Duration 6 days
- + Maximum Duration 3 days
- ++ Maximum Duration 1 day
- +++ Maximum Duration 6 hours; also fast-moving phenomena

Obviously contradictory results (Clear + Tornado, Misty + Gale) are
always decided in favor of precipitation. That is, the wind conditions
are re-rolled or a suitable wind selected.

If a change would place a condition off the scale (say, 3 places better
than Partly Cloudy) the change is re-rolled. If the re-roll is still
impossible, treat as "same".

Severe weather conditions can only persist for their maximum duration.
At the expiration of that duration, the weather immediately improves one
place. For the next three days, subtract 20% from all change rolls.