



# Environmental Effects

Benchmarks provide insights into the expected consequences of commonplace situations

# 7-1

	Code	Event	Effect1	Effect2	Effect3	Comment	TC
Temperature		Extreme Cold	Cold-25			HZ+2 and outer = - 100 C	Fr
		Intense Cold	Cold-16			= - 75 C	
		Very Cold	Cold-2			HZ+1	Tu
		Cold	Cold-1			= 0 C	
		Temperate	-none-			Temperate World	
		Hot	Heat-1			= 50 C	
		Very Hot	Heat-2			HZ -1	Tr
		Intense Heat	Heat-16			= +125 C	
		Extreme Heat	Heat-25			HZ -2 and inner = +150 C	
		Slow Reentry	Heat-50			= +200 C	
		Reentry	Heat-2000			Typical orbital reentry =	
	Reentry Plus	Heat-3000			Orbital reentry to Dense Atm =8+		
Atmosphere	0	Vacuum	Suff-3				Va
	1	Trace	Suff-3				
	2	Very Thin Tainted	Suff-2	Poison-1		Combination-5	
	3	Very Thin	Suff-2			Respirator-5	
	4	Thin Tainted	Suff-1	Poison-1		Combination-5	
	5	Thin	Suff-1			Respirator-5	
	6	Standard	-none-				
	7	Standard Tainted		Poison-1		Filter-3	
	8	Dense	-none-				
	9	Dense Tainted		Poison-1		Filter-3	
	A	Exotic	Suff-1 or	Infection-1 or		Breather-9 or Rebreather-10	
	B	Corrosive	Corrode-1	Poison-1			
	C	Insidious	Corrode-2	Poison-2			
	D	Dense High					
	E	Ellipsoid					
	F	Thin-Low					
	Underwater	Suff-2			for Air Breathers		
	Smoke, Dust	Suff-1					
	Heavy Smoke	Suff-2					
	Chemical Smoke	Suff-2	Poison-1				
Radiation		Non-Radioactive	-none-				
		Mildly Radioactive	Rad-1				
		Radioactive	Rad-2				
		Highly Radioactive	Rad-3				
		Stellar Flare	Rad-1-2-3	EMP-2			
		Nuclear Explosion	Rad-1-2-3			Otherwise quite distant.	
		Fallout	Rad-1-2-3				
Impacts, Falls and Collisions		Trip and Fall	Wound-1				
		Hi-G Trip and Fall	Wound-2				
		Very High Fall	Wound-N			N= Range.	
		One-Story Fall	Wound-2			Height = 3 meters	
		Traffic Collision	Wound-1-2-3			Reasonable speeds	
		Crash	Wound-3-4-5			Higher speeds	
Weather		Storm	Blast-1-2				
		Blizzard	Blast-1-2	Cold-1-2-3			
		Hurricane	Blast-1-2-3				
		Tornado	Blast-2-3-4				
		Hail	Frag-1				
		Typhoon	Blast-1				
		Turbulence	Blast-1				
		Scirroco	Blast-1	Hot-1-2-3		Hot Winds.	
		Lighting	Elec-5				
		Thunder	Bang-5				
		Bright Sun	Flash-1	Hot-1		Unrelenting Desert Sun	

