## Quake 3 Weather for Soldier of Fortune 2 and Jedi Knight 2

Usage Guide By Rick Johnson September 13, 2025

All weather is started and controlled with **r\_we**.

Snow:

Start a snow effect:

r\_we snow init <particles>

Remove the snow effect:

r\_we snow remove

Set the snow alpha transparency:

r\_we snow alpha <float>

default: 0.09

Set the area around the player the snow covers:

r\_we snow spread ( minX minY minZ ) ( maxX maxY maxZ )

default: ( -600 -600 -200 ) ( 600 600 250 )

Set the random range that sets the speed the snow falls:

r\_we snow velocity ( minX minY minZ ) ( maxX maxY maxZ )

default: (-15-15-20) (15 15-70)

Set an area of snow blowing:

r\_we snow wind ( windOriginX windOriginY windOriginZ ) ( windVelocityX windVelocityY windVelocityZ ) ( sizeX sizeY sizeZ )

Set snow blowing data:

r\_we snow blowing duration <int>

r\_we snow blowing low <int>

default: 3

r\_we snow blowing velocity ( min max )

default: (30 70)

r\_we snow blowing size ( minX minY minZ )

default: ( 1000 300 300 )

Start a fog effect in the snow:

r\_we snow fog

Set the density of the snow fog:

r\_we snow fog density <alpha>

default: 0.3

Rain:

Start a rain effect:

r\_we rain init <particles>

Remove the rain effect:

r\_we rain remove

Add a fog effect to the rain:

r\_we rain fog

Set the density of the rain fog:

r\_we rain fog density <alpha>

default: 0.3

Set the range of speeds at which the rain falls:

r\_we rain fall ( minVelocity maxVelocity )

default: ( -60 -50 )

Set the area around the player that the rain falls in:

r\_we rain spread (radius height)

default: (20 20)

Set the alpha transparency of the raindrops:

r\_we rain alpha <float>

default: 0.1

Set the height (length) of the raindrops:

r\_we rain height <float>

default: 5

Set the slope at which the rain falls (in the current wind direction):

r\_we rain angle <float>

default: 1.0

Debug:

r\_we debug wind