SUBROUTINE SFPOWR

Description

This routine computes weights for stations based on 1/d**power.

Calling Sequence

CALL SFPOWR (LX,LY,IPARM,ITYPE,POWER,ISTAT)

Argument List

Argument	Input/ Output	Type	Dimension	Description
LX	I	I*4	1	Integer form of X coordinate of area centroid
LY	I	I*4	1	Integer form of Y coordinate of area centroid
IPARM	I	I*4	1	Indicator for type of weight: 1 = MAP timing 2 or -2 = MAP station 3 = MAT 4 = maximum/minimum temperature 5 = instantaneous temperature 6 = future temperature 7 = MAPE
ITYPE	I	I*4	1	Indicator for weighting scheme 1 = grid point 2 = Thiessen 3 = 1/d**power 4 = 1/d**2
POWER	I	R*4	1	Exponent in 1/d**power
ISTAT	O	I*4	1	Status code: 0 = okay 1 = error