

Table 16

Atmospheric Dispersion Factors

1991

RIVER BEND STATION FIRST QUARTER (JANUARY 1, 1991 TO MARCH 31, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING  
VEGETABLE GARDEN X/Q VALUES (SEC/M<sup>3</sup>)

RECEPTOR SECTOR	DISTANCE		X/Q SEC/M <sup>3</sup>
	MILES	METERS	
NW	0.60	960	0.261E-05

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING  
VEGETABLE GARDEN D/Q VALUES (1/M<sup>2</sup>)

RECEPTOR SECTOR	DISTANCE		D/Q 1/M <sup>2</sup>
	MILES	METERS	
NW	0.60	960	0.121E-07

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING  
COW MILK X/Q VALUES (SEC/M<sup>3</sup>)

RECEPTOR SECTOR	DISTANCE		X/Q SEC/M <sup>3</sup>
	MILES	METERS	
NW	4.50	7242	0.755E-07

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING  
COW MILK D/Q VALUES (1/M<sup>2</sup>)

RECEPTOR SECTOR	DISTANCE		D/Q 1/M <sup>2</sup>
	MILES	METERS	
NW	4.50	7242	0.156E-09

RIVER BEND STATION FIRST QUARTER (JANUARY 1, 1991 TO MARCH 31, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING  
AT RECEPTORS WITHIN THE SITE BOUNDRY  
X/Q VALUES (SEC/M<sup>3</sup>)

RECEPTOR SECTOR	DISTANCE		X/Q SEC/M <sup>3</sup>
	FEET	METERS	
ENE	377	115	0.313E-04
N	902	275	0.105E-04
WNW	1640	500	0.721E-05
SW	8202	2500	0.491E-06

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING  
AT RECEPTORS WITHIN THE SITE BOUNDRY  
D/Q VALUES (1/M<sup>2</sup>)

RECEPTOR SECTOR	DISTANCE		D/Q 1/M <sup>2</sup>
	FEET	METERS	
ENE	377	115	0.349E-07
N	902	275	0.641E-07
WNW	1640	500	0.425E-07
SW	8202	2500	0.209E-08

RIVER BEND STATION FIRST QUARTER (JANUARY 1, 1991 TO MARCH 31, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING  
AT POPULATION RECEPTORS  
X/Q VALUES (SEC/M<sup>3</sup>)

DISTANCE IN MILES										
RECEPTOR SECTOR	0.500	1.500	2.500	3.500	4.500	7.500	15.00	25.00	35.00	45.00
S	0.304E-05	0.558E-06	0.224E-06	0.141E-06	0.961E-07	0.488E-07	0.216E-07	0.121E-07	0.824E-08	0.616E-08
SSW	0.274E-05	0.479E-06	0.188E-06	0.116E-06	0.797E-07	0.393E-07	0.170E-07	0.944E-08	0.693E-08	0.478E-08
SW	0.384E-05	0.468E-06	0.187E-06	0.113E-06	0.769E-07	0.372E-07	0.160E-07	0.891E-08	0.606E-08	0.454E-08
WSW	0.252E-05	0.317E-06	0.127E-06	0.763E-07	0.515E-07	0.247E-07	0.105E-07	0.574E-08	0.386E-08	0.288E-08
W	0.104E-05	0.160E-06	0.686E-07	0.429E-07	0.296E-07	0.146E-07	0.627E-08	0.543E-08	0.230E-08	0.170E-08
WNW	0.342E-05	0.457E-06	0.176E-06	0.125E-06	0.807E-07	0.330E-07	0.137E-07	0.739E-08	0.492E-08	0.363E-08
NW	0.794E-05	0.445E-06	0.178E-06	0.108E-06	0.755E-07	0.367E-07	0.179E-07	0.954E-08	0.466E-08	0.347E-08
NNW	0.251E-05	0.404E-06	0.151E-06	0.100E-06	0.671E-07	0.391E-07	0.194E-07	0.103E-07	0.679E-08	0.266E-08
N	0.193E-05	0.354E-06	0.155E-06	0.958E-07	0.647E-07	0.349E-07	0.135E-07	0.698E-08	0.452E-08	0.327E-08
NNE	0.968E-06	0.227E-06	0.977E-07	0.585E-07	0.399E-07	0.240E-07	0.950E-08	0.491E-08	0.319E-08	0.232E-08
NE	0.116E-05	0.177E-06	0.773E-07	0.429E-07	0.315E-07	0.206E-07	0.106E-07	0.570E-08	0.375E-08	0.280E-08
ENE	0.105E-05	0.221E-06	0.963E-07	0.527E-07	0.360E-07	0.287E-07	0.132E-07	0.723E-08	0.484E-08	0.355E-08
E	0.129E-05	0.237E-06	0.104E-06	0.600E-07	0.414E-07	0.253E-07	0.117E-07	0.664E-08	0.434E-08	0.317E-08
ESE	0.142E-05	0.258E-06	0.112E-06	0.658E-07	0.497E-07	0.266E-07	0.117E-07	0.567E-08	0.386E-08	0.289E-08
SE	0.145E-05	0.306E-06	0.132E-06	0.743E-07	0.523E-07	0.264E-07	0.116E-07	0.643E-08	0.435E-08	0.324E-08
SSE	0.252E-05	0.387E-06	0.161E-06	0.983E-07	0.670E-07	0.323E-07	0.138E-07	0.756E-08	0.509E-08	0.378E-08

RIVER BEND STATION FIRST QUARTER (JANUARY 1, 1991 TO MARCH 31, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING  
AT POPULATION RECEPTORS  
D/Q VALUES (1/M<sup>2</sup>)

		DISTANCE IN MILES									
RECEPTOR	SP' A	0.500	1.500	2.500	3.500	4.500	7.500	15.00	25.00	35.00	45.00
S		0.228E-07	0.343E-08	0.105E-08	0.546E-09	0.323E-09	0.119E-09	0.351E-10	0.150E-10	0.878E-11	0.600E-11
SSW		0.197E-07	0.299E-08	0.871E-09	0.462E-09	0.278E-09	0.104E-09	0.319E-10	0.140E-10	0.844E-11	0.587E-11
SW		0.185E-07	0.208E-08	0.634E-09	0.331E-09	0.198E-09	0.739E-10	0.230E-10	0.103E-10	0.636E-11	0.455E-11
WSW		0.158E-07	0.275E-08	0.529E-09	0.272E-09	0.161E-09	0.594E-10	0.185E-10	0.822E-11	0.512E-11	0.366E-11
W		0.849E-07	0.985E-09	0.316E-09	0.166E-09	0.997E-10	0.372E-10	0.118E-10	0.531E-11	0.328E-11	0.233E-11
WNW		0.229E-07	0.239E-08	0.701E-09	0.361E-09	0.213E-09	0.770E-10	0.240E-10	0.108E-10	0.665E-11	0.476E-11
NW		0.152E-07	0.170E-08	0.508E-09	0.260E-09	0.156E-09	0.795E-10	0.385E-10	0.162E-10	0.474E-11	0.342E-11
NNW		0.224E-07	0.291E-08	0.861E-09	0.462E-09	0.272E-09	0.128E-09	0.436E-10	0.177E-10	0.951E-11	0.503E-11
N		0.189E-07	0.244E-08	0.743E-09	0.393E-09	0.249E-09	0.125E-09	0.397E-10	0.162E-10	0.869E-11	0.543E-11
NNE		0.134E-07	0.181E-08	0.556E-09	0.285E-09	0.176E-09	0.808E-10	0.265E-10	0.108E-10	0.579E-11	0.360E-11
NE		0.746E-08	0.101E-08	0.315E-09	0.159E-09	0.943E-10	0.495E-10	0.169E-10	0.696E-11	0.375E-11	0.233E-11
ENE		0.393E-08	0.697E-09	0.223E-09	0.113E-09	0.668E-10	0.525E-10	0.212E-10	0.705E-11	0.378E-11	0.236E-11
E		0.979E-08	0.119E-08	0.361E-09	0.181E-09	0.108E-09	0.443E-10	0.292E-10	0.122E-10	0.647E-11	0.397E-11
ESE		0.657E-08	0.890E-09	0.274E-09	0.137E-09	0.839E-10	0.305E-10	0.910E-11	0.403E-11	0.250E-11	0.183E-11
SE		0.990E-08	0.140E-08	0.424E-09	0.206E-09	0.123E-09	0.452E-10	0.138E-10	0.600E-11	0.364E-11	0.259E-11
SSE		0.203E-07	0.271E-08	0.841E-09	0.434E-09	0.258E-09	0.938E-10	0.281E-10	0.121E-10	0.709E-11	0.485E-11

RIVER BEND STATION FIRST QUARTER (JANUARY 1, 1991 TO MARCH 31, 1991)

CONTINUOUS RELEASE FROM FUEL BUILDING  
VEGETABLE GARDEN X/Q VALUES (SEC/M<sup>3</sup>)

RECEPTOR SECTOR	DISTANCE		X/Q SEC/M <sup>3</sup>
	MILES	METERS	
NW	0.60	960	0.240E-04

CONTINUOUS RELEASE FROM FUEL BUILDING  
VEGETABLE GARDEN D/Q VALUES (1/M<sup>2</sup>)

RECEPTOR SECTOR	DISTANCE		D/Q 1/M <sup>2</sup>
	MILES	METERS	
NW	0.60	960	0.519E-07

CONTINUOUS RELEASE FROM FUEL BUILDING  
COW MILK X/Q VALUES (SEC/M<sup>3</sup>)

RECEPTOR SECTOR	DISTANCE		X/Q SEC/M <sup>3</sup>
	MILES	METERS	
NW	4.50	7242	0.362E-06

CONTINUOUS RELEASE FROM FUEL BUILDING  
COW MILK D/Q VALUES (1/M<sup>2</sup>)

RECEPTOR SECTOR	DISTANCE		D/Q 1/M <sup>2</sup>
	MILES	METERS	
NW	4.50	7242	0.464E-09

RIVER BEND STATION FIRST QUARTER (JANUARY 1, 1991 TO MARCH 31, 1991)

CONTINUOUS RELEASE FROM FUEL BUILDING  
AT RECEPTORS WITHIN THE SITE BOUNDRY  
X/Q VALUES (SEC/M<sup>3</sup>)

RECEPTOR SECTOR	DISTANCE		X/Q SEC/M <sup>3</sup>
	FEET	METERS	
ENE	410	125	0.494E-03
N	820	250	0.670E-04
WNW	1558	475	0.432E-04
SW	8202	2500	0.298E-05

CONTINUOUS RELEASE FROM FUEL BUILDING  
AT RECEPTORS WITHIN THE SITE BOUNDRY  
D/Q VALUES (1/M<sup>2</sup>)

RECEPTOR SECTOR	DISTANCE		D/Q 1/M <sup>2</sup>
	FEET	METERS	
ENE	410	125	0.457E-06
N	820	250	0.283E-06
WNW	1558	475	0.879E-07
SW	8202	2500	0.377E-08

RIVER BEND STATION FIRST QUARTER (JANUARY 1, 1991 TO MARCH 31, 1991)

CONTINUOUS RELEASES FROM FUEL BUILDING  
AT POPULATION RECEPTORS  
X/Q VALUES (SEC/M<sup>3</sup>)

RECEPTOR SECTOR	DISTANCE IN MILES									
	0.500	1.500	2.500	3.500	4.500	7.500	15.00	25.00	35.00	45.00
S	0.419E-04	0.446E-05	0.133E-05	0.787E-06	0.497E-06	0.114E-06	0.333E-07	0.444E-07	0.294E-07	0.216E-07
SSW	0.336E-04	0.353E-05	0.120E-05	0.617E-06	0.388E-06	0.166E-06	0.641E-07	0.341E-07	0.223E-07	0.166E-07
SW	0.287E-04	0.322E-05	0.111E-05	0.581E-06	0.364E-06	0.161E-06	0.639E-07	0.348E-07	0.233E-07	0.173E-07
WSW	0.406E-04	0.464E-05	0.161E-05	0.848E-06	0.540E-06	0.237E-06	0.930E-07	0.521E-07	0.351E-07	0.261E-07
W	0.323E-04	0.366E-05	0.127E-05	0.666E-06	0.424E-06	0.186E-06	0.740E-07	0.404E-07	0.271E-07	0.202E-07
WNW	0.183E-04	0.194E-05	0.659E-06	0.341E-06	0.215E-06	0.921E-07	0.359E-07	0.193E-07	0.128E-07	0.943E-08
NW	0.312E-04	0.328E-05	0.111E-05	0.674E-06	0.362E-06	0.154E-06	0.598E-07	0.319E-07	0.211E-07	0.153E-07
NNW	0.159E-04	0.162E-05	0.541E-06	0.277E-06	0.174E-06	0.733E-07	0.279E-07	0.147E-07	0.962E-08	0.703E-08
N	0.976E-05	0.982E-06	0.327E-06	0.167E-06	0.105E-06	0.442E-07	0.168E-07	0.876E-08	0.573E-08	0.417E-08
NNE	0.128E-04	0.133E-05	0.440E-06	0.230E-06	0.145E-06	0.613E-07	0.236E-07	0.125E-07	0.822E-08	0.602E-08
NE	0.101E-04	0.108E-05	0.368E-06	0.190E-06	0.120E-06	0.511E-07	0.199E-07	0.106E-07	0.700E-08	0.522E-08
ENE	0.121E-04	0.132E-05	0.454E-06	0.237E-06	0.150E-06	0.651E-07	0.237E-07	0.139E-07	0.926E-08	0.685E-08
E	0.211E-04	0.233E-05	0.798E-06	0.415E-06	0.263E-06	0.113E-06	0.446E-07	0.240E-07	0.160E-07	0.118E-07
ESE	0.312E-04	0.345E-05	0.119E-05	0.621E-06	0.394E-06	0.171E-06	0.678E-07	0.367E-07	0.245E-07	0.182E-07
SE	0.334E-04	0.360E-05	0.123E-05	0.639E-06	0.404E-06	0.174E-06	0.682E-07	0.366E-07	0.243E-07	0.179E-07
SSE	0.268E-04	0.273E-05	0.915E-06	0.470E-06	0.293E-06	0.124E-06	0.476E-07	0.249E-07	0.163E-07	0.119E-07



RIVER BEND STATION FIRST QUARTER (JANUARY 1, 1991 TO MARCH 31, 1991)

CONTINUOUS RELEASE FROM FUEL BUILDING  
AT POPULATION RECEPTORS  
D/Q VALUES (1/M<sup>2</sup>)

DISTANCE IN MILES										
RECEPTOR SECTOR	0.500	1.500	2.500	3.500	4.500	7.500	15.00	25.00	35.00	45.00
S	0.876E-07	0.747E-08	0.219E-08	0.102E-08	0.587E-09	0.208E-09	0.638E-10	0.259E-10	0.139E-10	0.865E-11
SSW	0.740E-07	0.631E-08	0.185E-08	0.860E-09	0.496E-09	0.176E-09	0.539E-10	0.219E-10	0.118E-10	0.731E-11
SW	0.482E-07	0.411E-08	0.121E-08	0.560E-09	0.323E-09	0.113E-09	0.351E-10	0.142E-10	0.787E-11	0.476E-11
WSW	0.545E-07	0.465E-08	0.136E-08	0.633E-09	0.365E-09	0.129E-09	0.397E-10	0.161E-10	0.866E-11	0.538E-11
W	0.309E-07	0.264E-08	0.773E-09	0.359E-09	0.207E-10	0.735E-10	0.225E-10	0.914E-11	0.492E-11	0.305E-11
WNW	0.383E-07	0.327E-08	0.957E-09	0.445E-09	0.257E-09	0.910E-10	0.279E-10	0.113E-10	0.609E-11	0.378E-11
NW	0.692E-07	0.590E-08	0.173E-08	0.804E-09	0.464E-09	0.164E-09	0.504E-10	0.204E-10	0.110E-10	0.683E-11
NNW	0.644E-07	0.549E-08	0.161E-08	0.749E-09	0.432E-09	0.153E-09	0.469E-10	0.190E-10	0.102E-10	0.636E-11
N	0.475E-07	0.405E-08	0.119E-08	0.552E-09	0.318E-09	0.113E-09	0.346E-10	0.140E-10	0.755E-11	0.469E-11
NNE	0.397E-07	0.339E-08	0.994E-09	0.462E-09	0.267E-09	0.945E-10	0.289E-10	0.117E-10	0.632E-11	0.393E-11
NE	0.224E-07	0.192E-08	0.561E-09	0.261E-09	0.151E-09	0.534E-10	0.164E-10	0.664E-11	0.357E-11	0.222E-11
ENE	0.195E-07	0.166E-08	0.488E-09	0.227E-09	0.131E-09	0.464E-10	0.142E-10	0.577E-11	0.310E-11	0.193E-11
E	0.294E-07	0.251E-08	0.736E-09	0.342E-09	0.197E-09	0.700E-10	0.214E-10	0.870E-11	0.468E-11	0.291E-11
ESE	0.368E-07	0.314E-08	0.920E-09	0.428E-09	0.247E-09	0.875E-10	0.268E-10	0.109E-10	0.585E-11	0.364E-11
SE	0.511E-07	0.436E-08	0.128E-08	0.595E-09	0.343E-09	0.122E-09	0.373E-10	0.151E-10	0.814E-11	0.505E-11
SSE	0.692E-07	0.590E-08	0.173E-08	0.804E-09	0.464E-09	0.164E-09	0.504E-10	0.204E-10	0.110E-10	0.683E-11

RIVER BEND STATION FIRST QUARTER (JANUARY 1, 1991 TO MARCH 31, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING  
VEGETABLE GARDEN X/Q VALUES (SEC/M<sup>3</sup>)

RECEPTOR SECTOR	DISTANCE		X/Q SEC/M <sup>3</sup>
	MILES	METERS	
NW	0.60	960	0.218E-04

CONTINUOUS RELEASE FROM RADWASTE BUILDING  
VEGETABLE GARDEN D/Q VALUES (1/M<sup>2</sup>)

RECEPTOR SECTOR	DISTANCE		D/Q 1/M <sup>2</sup>
	MILES	METERS	
NW	0.60	960	0.519E-07

CONTINUOUS RELEASE FROM RADWASTE BUILDING  
COW MILK X/Q VALUES (SEC/M<sup>3</sup>)

RECEPTOR SECTOR	DISTANCE		X/Q SEC/M <sup>3</sup>
	MILES	METERS	
NW	4.50	7242	0.351E-06

CONTINUOUS RELEASE FROM RADWASTE BUILDING  
COW MILK D/Q VALUES (1/M<sup>2</sup>)

RECEPTOR SECTOR	DISTANCE		D/Q 1/M <sup>2</sup>
	MILES	METERS	
NW	4.50	7242	0.464E-09

RIVER BEND STATION FIRST QUARTER (JANUARY 1, 1991 TO MARCH 31, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING  
AT RECEPTORS WITHIN THE SITE BOUNDARY  
X/Q VALUES (SEC/M<sup>3</sup>)

RECEPTOR SECTOR	DISTANCE		X/Q SEC/M <sup>3</sup>
	FEET	METERS	
ENE	492	150	0.204E-03
N	1033	315	0.425E-04
WNW	1575	480	0.400E-04
SW	8202	2500	0.274E-05

CONTINUOUS RELEASE FROM RADWASTE BUILDING  
AT RECEPTORS WITHIN THE SITE BOUNDARY  
D/Q VALUES (1/M<sup>2</sup>)

RECEPTOR SECTOR	DISTANCE		D/Q 1/M <sup>2</sup>
	FEET	METERS	
ENE	491	150	0.237E-06
N	1033	315	0.202E-06
WNW	1575	480	0.865E-07
SW	8202	2500	0.377E-08

RIVER BEND STATION FIRST QUARTER (JANUARY 1, 1991 TO MARCH 31, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING  
AT POPULATION RECEPTORS  
X/Q VALUES (SEC/M<sup>3</sup>)

DISTANCE IN MILES

RECEPTOR SECTOR	0.500	1.500	2.500	3.500	4.500	7.500	15.00	25.00	35.00	45.00
S	0.388E-04	0.417E-05	0.145E-05	0.757E-06	0.481E-06	0.209E-06	0.818E-07	0.437E-07	0.290E-07	0.213E-07
SSW	0.313E-04	0.331E-05	0.114E-05	0.595E-06	0.377E-06	0.162E-06	0.631E-07	0.336E-07	0.222E-07	0.163E-07
SW	0.268E-04	0.295E-05	0.104E-05	0.553E-06	0.354E-06	0.156E-06	0.625E-07	0.341E-07	0.229E-07	0.171E-07
WSW	0.378E-04	0.422E-05	0.151E-05	0.804E-06	0.517E-06	0.230E-06	0.928E-07	0.510E-07	0.344E-07	0.257E-07
W	0.300E-04	0.335E-05	0.119E-05	0.634E-06	0.407E-06	0.180E-06	0.724E-07	0.396E-07	0.267E-07	0.198E-07
WNW	0.170E-04	0.181E-05	0.628E-06	0.329E-06	0.209E-06	0.899E-07	0.353E-07	0.190E-07	0.126E-07	0.932E-08
NW	0.291E-04	0.308E-05	0.106E-05	0.554E-06	0.351E-06	0.150E-06	0.588E-07	0.314E-07	0.208E-07	0.153E-07
NNW	0.149E-04	0.153E-05	0.520E-06	0.269E-06	0.169E-06	0.718E-07	0.275E-07	0.145E-07	0.950E-08	0.695E-08
N	0.914E-05	0.930E-06	0.315E-06	0.162E-06	0.102E-06	0.433E-07	0.165E-07	0.865E-08	0.566E-08	0.413E-08
NNE	0.120E-04	0.125E-05	0.429E-06	0.222E-06	0.140E-06	0.602E-07	0.232E-07	0.123E-07	0.610E-08	0.594E-08
NE	0.952E-05	0.101E-05	0.350E-06	0.183E-06	0.116E-06	0.498E-07	0.195E-07	0.105E-07	0.697E-08	0.515E-08
ENE	0.112E-04	0.122E-05	0.429E-06	0.226E-06	0.144E-06	0.633E-07	0.251E-07	0.136E-07	0.911E-08	0.675E-08
E	0.200E-04	0.217E-05	0.757E-06	0.398E-06	0.254E-06	0.110E-06	0.437E-07	0.236E-07	0.158E-07	0.117E-07
ESE	0.288E-04	0.319E-05	0.112E-05	0.594E-06	0.380E-06	0.167E-06	0.665E-07	0.361E-07	0.241E-07	0.179E-07
SE	0.309E-04	0.335E-05	0.117E-05	0.614E-06	0.391E-06	0.170E-06	0.670E-07	0.360E-07	0.240E-07	0.177E-07
SSE	0.248E-04	0.259E-05	0.883E-06	0.457E-06	0.288E-06	0.122E-06	0.470E-07	0.246E-07	0.161E-07	0.117E-07

RIVER BEND STATION FIRST QUARTER (JANUARY 1, 1991 TO MARCH 31, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING  
AT POPULATION RECEPTORS  
D/Q VALUES (1/M<sup>2</sup>)

DISTANCE IN MILES										
RECEPTOR SECTOR	0.500	1.500	2.500	3.500	4.500	7.500	15.00	25.00	35.00	45.00
S	0.876E-07	0.747E-08	0.219E-08	0.102E-08	0.587E-09	0.208E-09	0.838E-10	0.259E-10	0.139E-10	0.865E-11
SSW	0.740E-07	0.631E-08	0.185E-08	0.860E-09	0.496E-09	0.176E-09	0.339E-10	0.219E-10	0.118E-10	0.731E-11
SW	0.482E-07	0.411E-08	0.121E-08	0.560E-09	0.323E-09	0.115E-09	0.351E-10	0.142E-10	0.767E-11	0.476E-11
WSW	0.545E-07	0.465E-08	0.136E-08	0.633E-09	0.365E-09	0.129E-09	0.397E-10	0.161E-10	0.866E-11	0.538E-11
W	0.309E-07	0.264E-08	0.773E-09	0.359E-09	0.207E-09	0.735E-10	0.225E-10	0.914E-11	0.492E-11	0.305E-11
WNW	0.383E-07	0.327E-08	0.957E-09	0.445E-09	0.257E-09	0.910E-10	0.279E-10	0.113E-10	0.609E-11	0.378E-11
NW	0.692E-07	0.590E-08	0.173E-08	0.804E-09	0.464E-09	0.164E-09	0.504E-10	0.204E-10	0.110E-10	0.683E-11
NNW	0.644E-07	0.549E-08	0.161E-08	0.799E-09	0.452E-09	0.153E-09	0.469E-10	0.190E-10	0.102E-10	0.636E-11
N	0.475E-07	0.405E-08	0.119E-08	0.552E-09	0.318E-09	0.113E-09	0.346E-10	0.140E-10	0.755E-11	0.469E-11
NNE	0.397E-07	0.339E-08	0.994E-09	0.462E-09	0.267E-09	0.945E-10	0.289E-10	0.117E-10	0.632E-11	0.393E-11
NE	0.224E-07	0.192E-08	0.561E-09	0.261E-09	0.151E-09	0.534E-10	0.164E-10	0.664E-11	0.357E-11	0.222E-11
ENE	0.195E-07	0.166E-08	0.488E-09	0.227E-09	0.131E-09	0.464E-10	0.142E-10	0.577E-11	0.310E-11	0.193E-11
E	0.294E-07	0.251E-08	0.736E-09	0.342E-09	0.197E-09	0.700E-10	0.214E-10	0.870E-11	0.468E-11	0.291E-11
ESE	0.368E-07	0.314E-08	0.920E-09	0.428E-09	0.247E-09	0.875E-10	0.268E-10	0.109E-10	0.585E-11	0.364E-11
SE	0.511E-07	0.436E-08	0.128E-08	0.595E-09	0.343E-09	0.122E-09	0.373E-10	0.151E-10	0.814E-11	0.505E-11
SSE	0.692E-07	0.590E-08	0.173E-08	0.804E-09	0.464E-09	0.164E-09	0.504E-10	0.204E-10	0.110E-10	0.683E-11