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Aerosol Measurements at an Optical Propagation Site on the Outer Hebrides

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19 ABSTRACT (Continue on reverse if necessary and identify by block number)

Measurements of aerosol particle-size distributions and meteorological parameters at a land-based optical propagation site in the Outer Hebrides are compared with identical measurements in the open sea and on San Nicolas Island, California. Calculated extinctions due to aerosols are also compared. A brief discussion of the logistics of operating at the site is included.

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Aerosol Measurements at an Optical Propagation Site on the Outer Hebrides

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AEROSOL MEASUREMENTS AT AN OPTICAL PROPAGATION SITE ON THE OUTER HEBRIDES

INTRODUCTION

The United States, Great Britian, Canada, and Australia are each involved in research on optical propagation over water. Through Action Group 9, Subgroup J, of the Technical Cooperation Program (JAG-9 of TTCP) these countries exchange technology and data relative to overwater propagation.

Site choice and characterization have been important issues in the discussions of JAG-9. The first addresses the question, "How well does the site represent the open sea?" The second involves making measurements of certain parameters at the sites to determine the conditions there that would affect optical propagation.

Logistically, optical propagation sites for overwater-condition measurements are most desirable if the end points of the path are on land. Several sites exist that are used or have been used in the last 5 years. Cape Canaveral was a 5-km overwater path for NRL in 1974, 1975, and 1977. The participants of the U.S. Navy EOMET program chose San Nicolas Island, California, for their overwater path. Great Britain has an overwater path on South Uist, one of the Outer Hebrides Islands of Scotland. Canada has done extensive research and has selected a site at the southeast edge of Newfoundland, near Trepassey. Australia has the only tropical site, which is located in northern Queensland near Innisfael.

As part of the characterization if results at various sites are to be compared, some agreement must be reached as to what constitutes that characterization, since various experimenters with different instruments would certainly be involved. A result of discussions of this issue at the JAG-9 meetings was a recommendation that some intercomparison work be done so that not only equipment but procedures could be compared between member organizations. This would provide a technology exchange as well.

The authors had measured typical site-characterization parameters at several land-based sites in the United States [1-3] as well as on the open sea [4,5]. Our equipment is readily portable, and an onboard computer makes rapid, on-site comparisons possible.

Thus, as part of that intercomparison study we took our Aerosol Mobile Laboratory to the British overwater site near Benbecula on South Uist, one of the Outer Hebrides off the northwest coast of Scotland.

This report describes the South Uist site for technical and logistical aspects. Particular attention is paid to the particle size distributions we obtained at the land-based ends of the path. These aerosols are compared with results from Cape Canaveral, San Nicolas Island, and an open-sea site in the North Atlantic. The same instruments were used at all locations.

OPEN SEA VS COASTAL SITES

Technical items to consider when looking at a proposed marine propagation site include all those aspects which answer the question, "Is it representative of the open sea?" For example, is there air

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mass contamination from nearby major land masses? Are the weather patterns at least partially like those at sea? Do local disturbances, such as surf action, add unwanted components to the atmosphere? Do high local escarpments confuse the vertical lapse rate issues?

One consideration for the open-water simulation is an unencumbered fetch to the open sea. At the British site, although cyclonic air masses can bring air in from Europe, offshore winds can bring air from thousands of miles of open sea. Radon counts could possibly identify the best times for uncontaminated marine air. The map in Fig. 1 shows the location of the site.

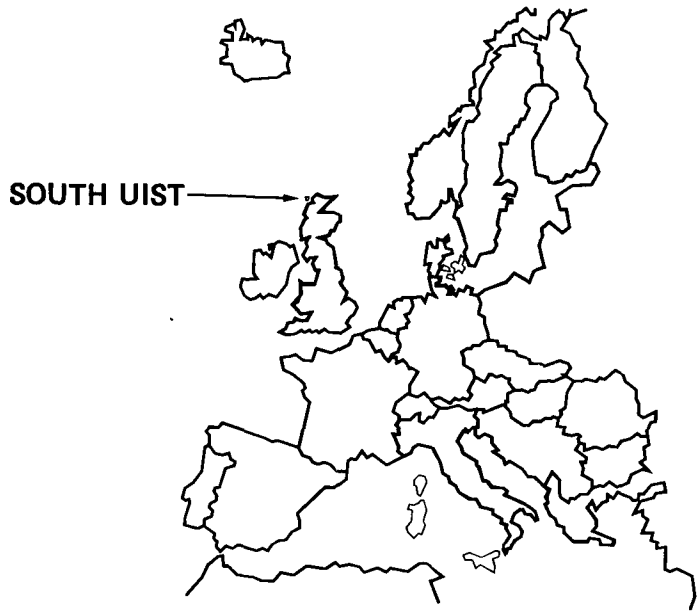


Fig. 1 — Location of South Uist site

Concerning aerosols, a consideration of great importance is the existence of sea-spray particles produced not in open water but at the surfline. These particles can dominate the aerosol-particle size distribution. During our 2-week stay we had a variety of wind conditions, both in direction and intensity (Figs. 2 and 3). However, the surf was not strong, and the large-particle count was not high compared with other beach sites. The sea bed structure near the site appeared to minimize the breaking of the waves for the conditions we encountered. (Note that surf strength is not necessarily dependent on the local wind. Swells from storms at sea can cause strong surf, even under low-speed local wind.)

The volume density of particles is a good indication of large-particle dominance. Figures 4 and 5 show, for example, frequency of occurrence plots for the volume density at the South Uist site compared with volume densities from sites on beaches in Florida [1] and on San Nicolas Island [2]. A more important comparison in Fig. 6 shows the volume density at the South Uist site compared with that found in the open sea [5]. We note that volume-density comparisons are meaningful only if the particle counters cover the same size range of particles. For the above comparisons, we used the same instruments in each case.

We do not imply that there is no surf action to modify the aerosol at the site. Surf action was, however, less at our location than at other locations during this measurement period. On the negative side, about 200 m offshore there are exposed rocks which add to the spray. There are also a few further out. The site is not, fortunately, always downwind of the rocks. The tide too presents a variety of surf conditions because it moves in and out several hundred meters. This tidal characteristic might

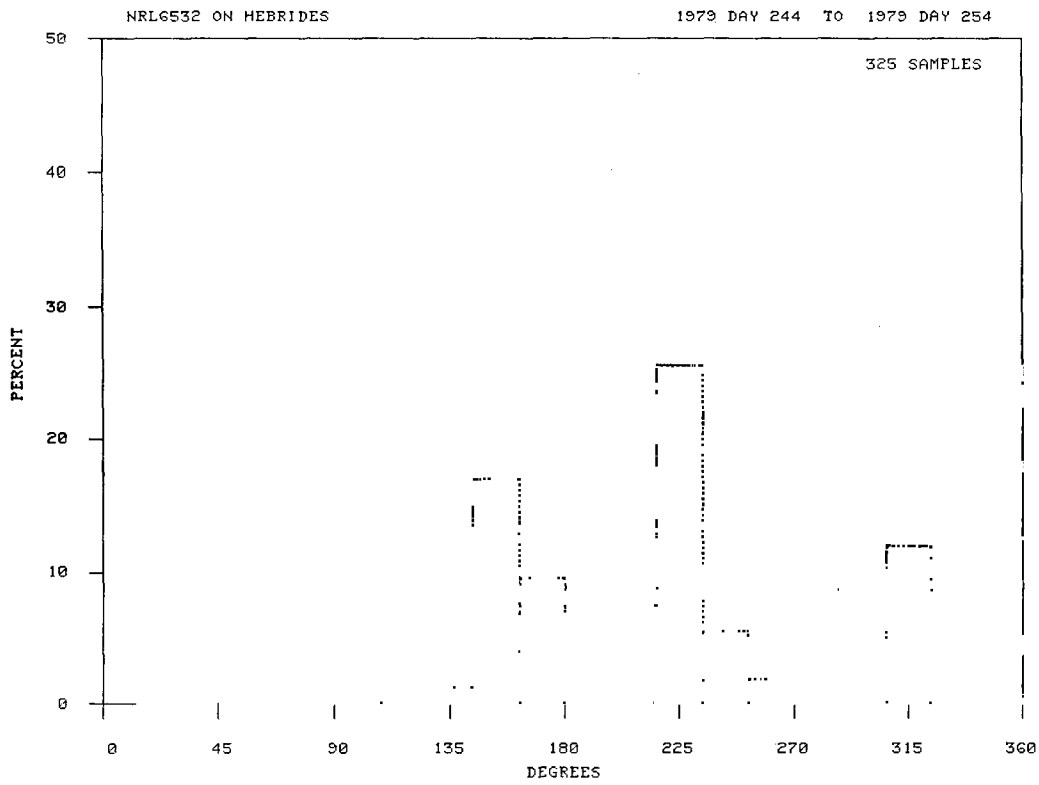


Fig. 2 — Wind direction frequency-of-occurrence

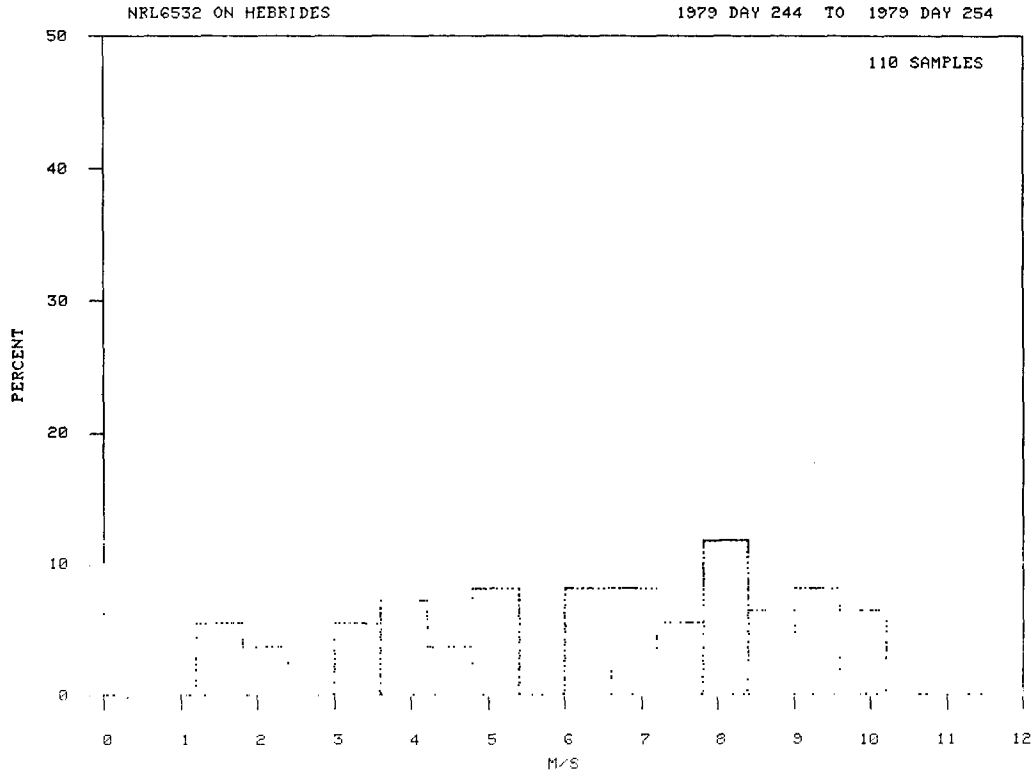
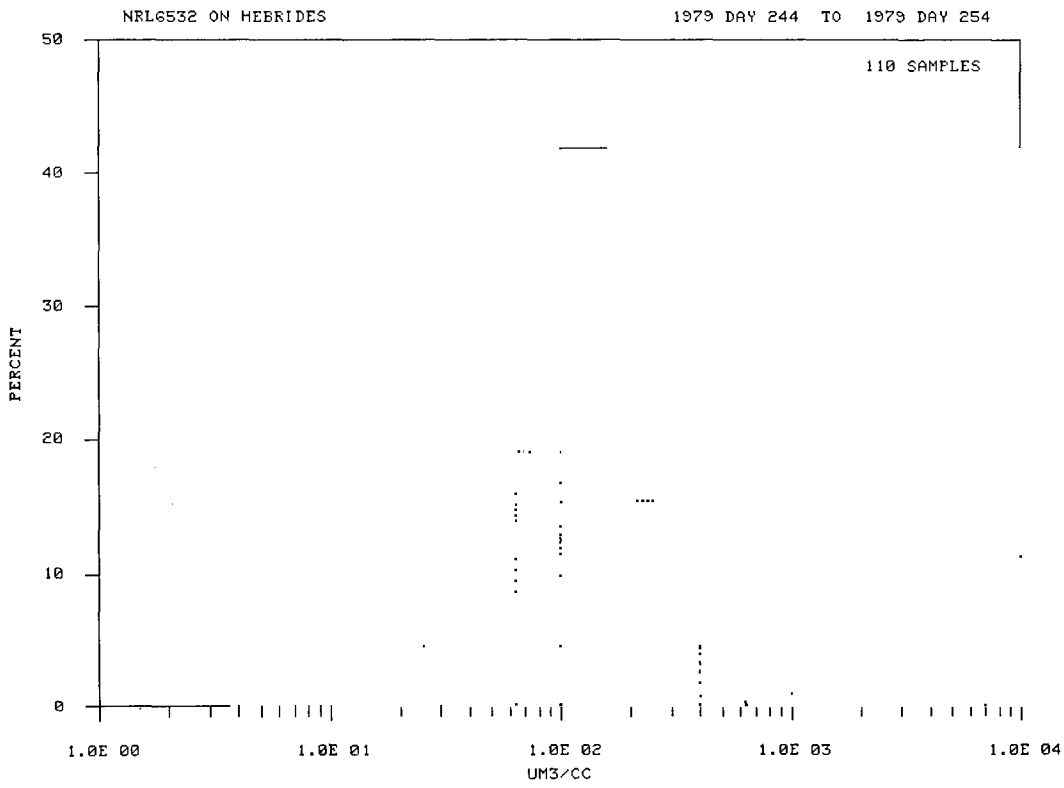
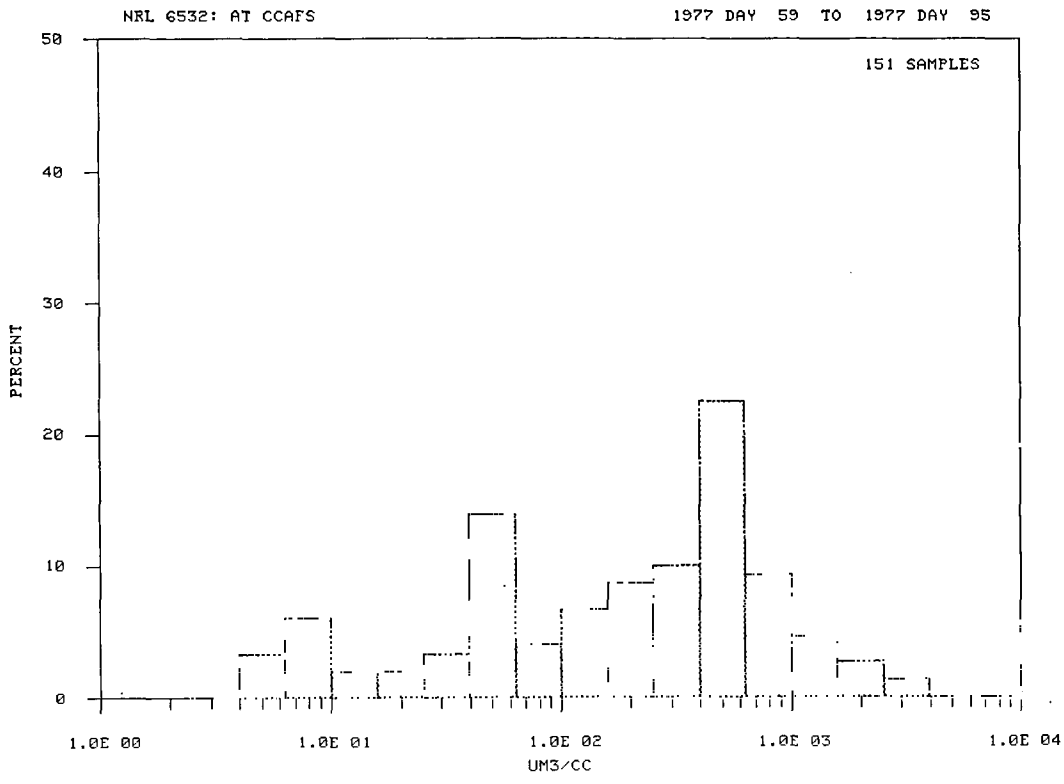


Fig. 3 — Wind speed frequency-of-occurrence

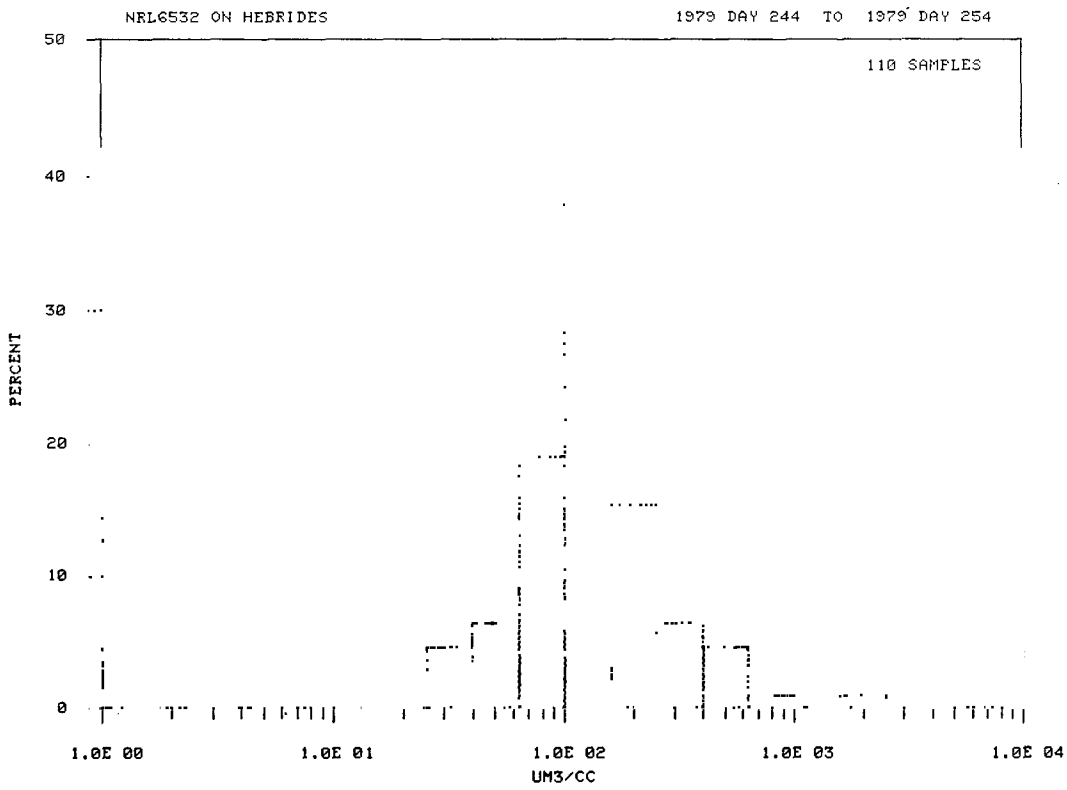


(a) South Uist

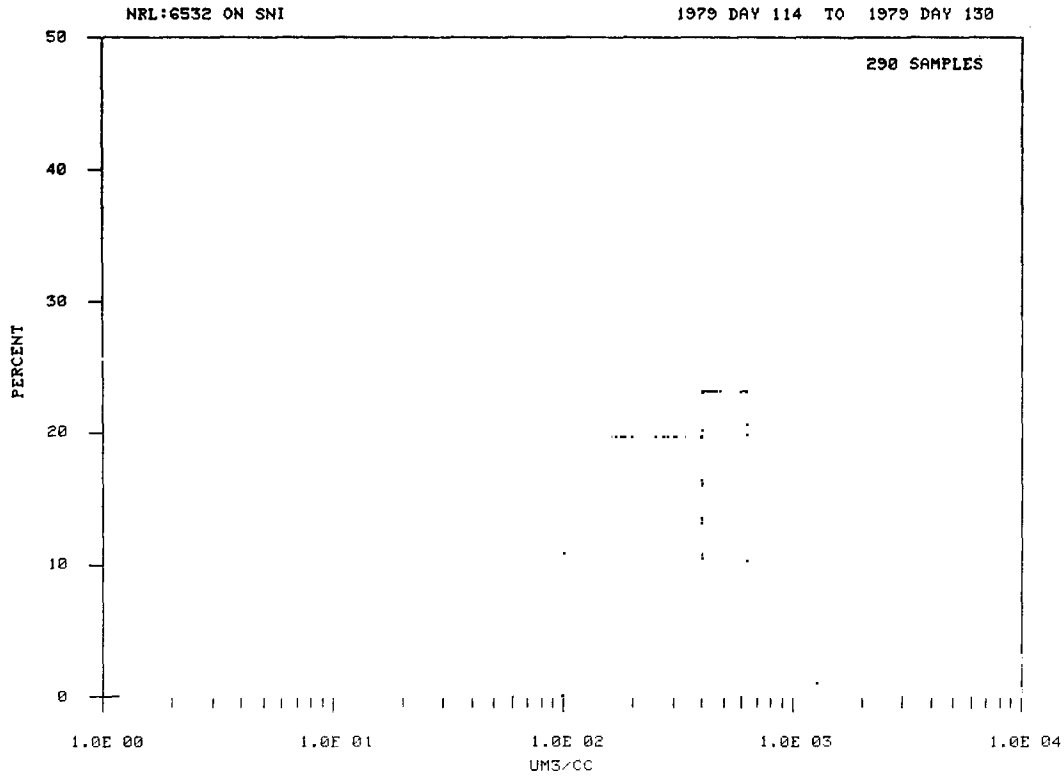


(b) Cape Canaveral

Fig. 4 — Particle volume density frequency-of-occurrence

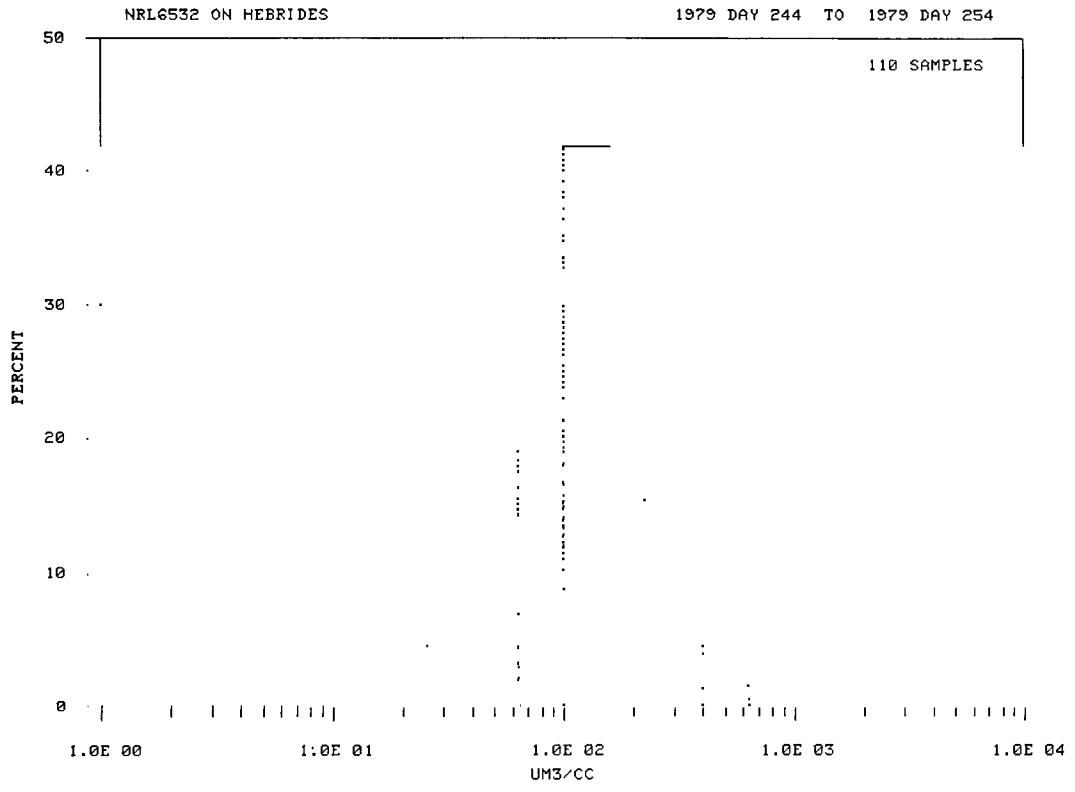


(a) South Uist

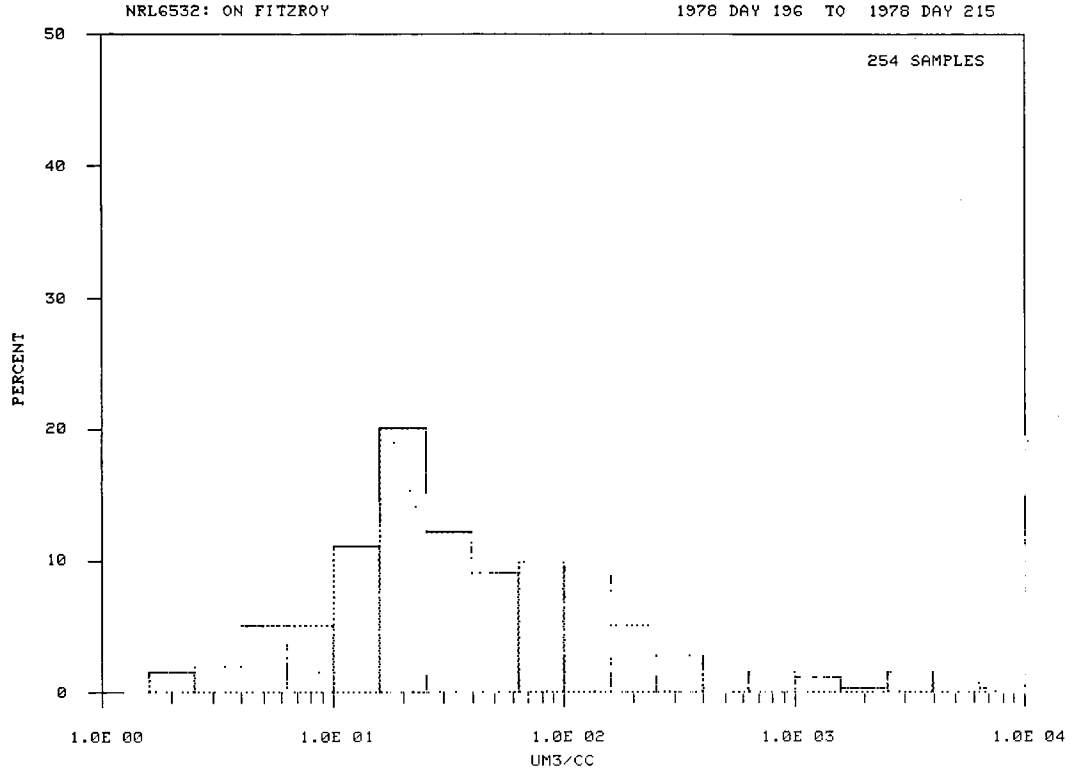


(b) San Nicolas Island

Fig. 5 — Particle volume density frequency-of-occurrence



(a) South Uist



(b) Open sea (57°N 20°W)

Fig. 6 — Particle volume density frequency-of-occurrence

even be advantageous—allowing a study of the variation. The total vertical tide excursion was about 5 m maximum during our stay. A final positive aspect for the site is that the escarpment is quite low. At high tide it is less than 4 m.

As opposed to the other sites, the optical path being used on South Uist while we were there was not overwater. The northern end of the path sat within 20 m of the high water mark; the southern end was over 100 m from the beach. A slightly inland site such as this might be better than one on the beach because for sea breezes the larger, surf-generated particles may drop out before reaching the site. We took data at each end, but the quantity of the data is probably not large enough to make such a determination with much statistical relevance.

LOGISTICS

Logistical considerations are often as important as technical ones. Are land-based sites available with easy access? Is sufficient power available at a reasonable cost? Is local support available and responsive? Are local residents likely to interfere? For example, is the site secure from vandalism or from cows scratching their backs on guy wires for critically aligned equipment? Are personnel quarters available and reasonable in cost, accessibility, and acceptability? Are quarters and food a problem for off-hours operations?

The access to the site from our U.S. home base proved to be surprisingly straightforward, in part due to our relationship to the U.S. Navy. A U.S. Navy supply ship took our mobile aerosol laboratory from Charleston, South Carolina, to Holy Lock, Scotland. From there, we drove it directly to the site via a commercial ferry from Oban on the mainland of Scotland to Lock Boisdale on South Uist. The trip was simplified because the vehicle is self-powered, but local hauling firms could handle trailer transportation.

Because of our 60 Hz, 110 volt requirement, we took our own generator. Thus we only required fuel. Most modern electronic equipment will handle, at least with the assistance of a transformer, the European 50 Hz, 220 V lines. Our floppy discs were an exception, however, and required power supply modification.

For accommodations we made arrangements with the Officer's Mess of the Royal Artillery (RA), Benbecula, who operate the range where the site is located. This was possible because there were only 3 of us and because it was during the range downtime. They are not prepared to handle more than their own full crew when the range is in operation. This would have required that accommodations be found at one of the three small hotels on South Uist. The two largest of these are 40 to 60 minutes from the site and are fully booked with tourists during some seasons. In summary, very careful planning is required for accommodations.

Although the RA is responsible for the site in general, it is not a secure location, i.e., access by local residents is not restricted. Also, the immediate area is farmland, and cattle did graze about the equipment positions. But other than a cow blocking a transmissometer beam occasionally, we experienced no difficulty.

This section may not seem appropriate for a scientific report, but we think that for field work the issues discussed here often cause the greatest difficulties. Thus we include them to aid those who may follow.

MEASUREMENTS

The equipment in this experiment has been described elsewhere [3-5] in detail so we will present only a brief version here.

For meteorological measurements, we use an EG&G Model 110 to obtain air temperature and dewpoint and a Young prop vane for windspeed and direction. For aerosol measurements, we use Particle Measuring Systems (PMS) equipment. For small particles, the Active Scattering Aerosol Spectrometer Probe (ASASP) measures particles with radii from 0.14 to 0.75 μm. For particles with radii between 0.75 and 15 μm, we use the High Volume version of the Classical Scattering Aerosol Spectrometer Probe (CSASP). All data are initially processed by the PMS Data Acquisition System (DAS) and stored each second on computer compatible magnetic tape. This includes the analog meteorological data using the A/D convertors built into the DAS.

Simultaneous with writing on the mag tape, all data are also sent to a digital input in a PDP 11/34 computer. Both real-time and postprocessing capabilities give great flexibility to satisfy the individual field test requirements.

The results presented here are all from the postprocessing software, i.e., data reduced by operation on the original 1-s resolution PMS tape. The first step creates a standard format file [6] with operator-chosen averaging times. For this experiment, we chose 10 min.

Since a prime interest here is optical propagation, we do a Mie scattering calculation on each average aerosol particle size distribution for several wavelengths. We calculate total aerosol extinction using a modified Dave calculation. (It is modified in the sense that our Fortran package does not support double precision complex arithmetic, so we created a version with only real arithmetic.) Since the particle sizes in our distributions are all at the fixed bin centers, we do not do a Mie calculation each time. We do, however, for speed create a file that has the extinction efficiencies for each wavelength and each particle size. This makes the calculations very fast.

Appendix A shows the 10-min averages of the four meteorological parameters; the water/vapor pressure (calculated from the dew point); the number density, cross-sectional area density and volume density (calculated from the particle size distributions); and the calculated extinction due to aerosols for 4 wavelengths.

For completeness, we include in Appendix B all the 10-min-average aerosol size distributions obtained on this field trip. Note that we only include the first seven channels from the ASASP. We do this because of the double-valued sensitivity function that gives a machine-generated bump in the last eight channel positions. Our approach is to fit a curve through that area before doing the extinction calculation.

To allow readers to use these data for their own calculations, Appendix C gives the bin edge locations for the two aerosol spectrometer probes.

RESULTS AND DISCUSSION

To determine if a site is truly sea-like would require a long term characterization which could be compared with a long term open sea characterization. The longest open sea measurement [5] is only a month long. The measurement at South Uist lasted only two weeks. The best that can be done is to show the results and compare similarities. We started the process in the Open Sea vs Coastal Site section by comparing the volume density of particles at various sites. There we saw higher volume densities at the beach sites. Modelers, however, are more likely to have only air temperature, relative humidity, and wind velocity data.

In the open sea and on San Nicholas Island, the variation of air temperature and relative humidity was small. Figures 7 and 8 compare the frequency-of-occurrence of these two parameters at the three locations. All three sites are obviously cold and wet for the measurement periods.

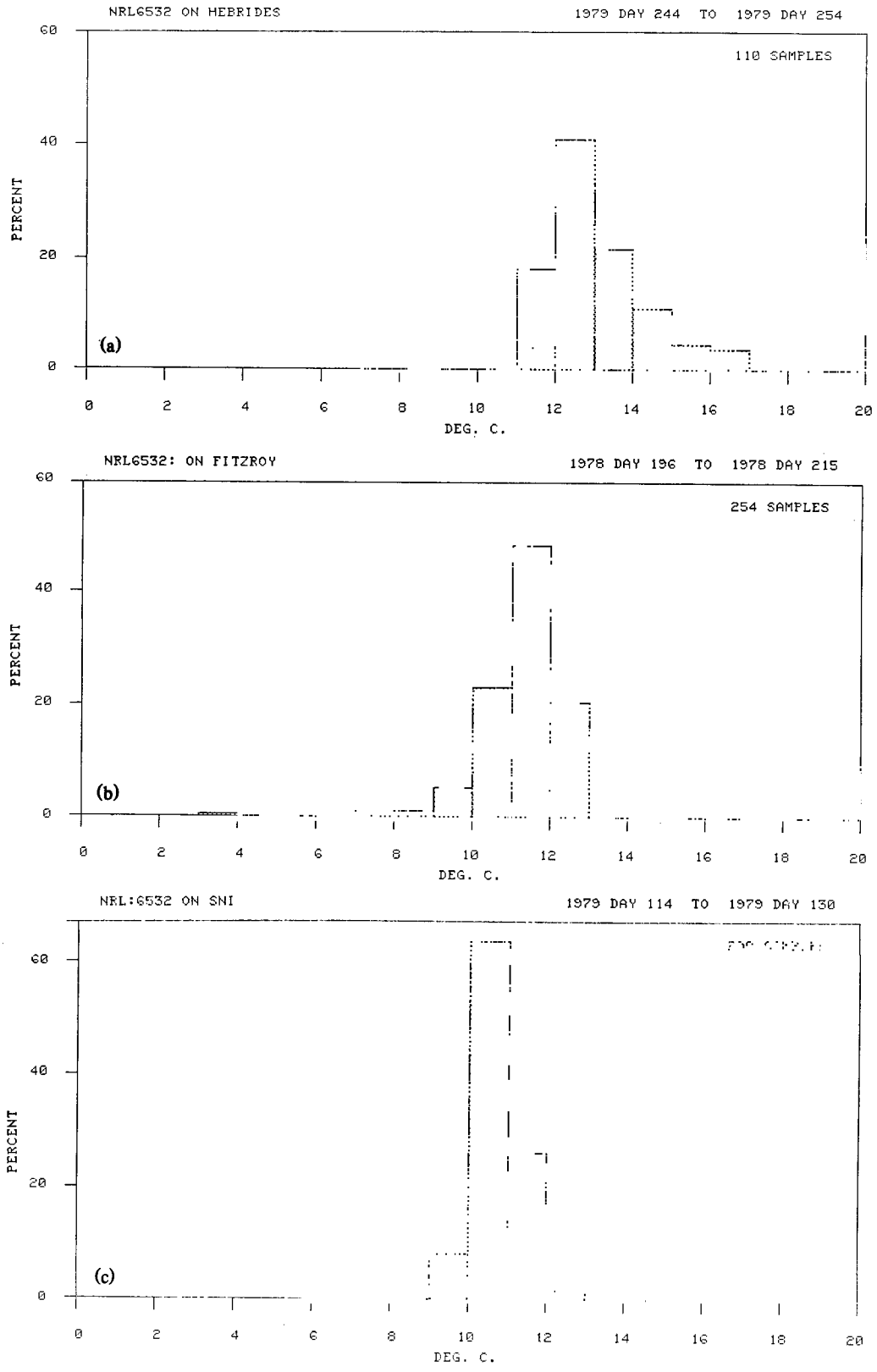


Fig. 7 — Temperature frequency-of-occurrence. (a) South Uist, (b) Open sea (57°N 20°W), and (c) San Nicolas Island.

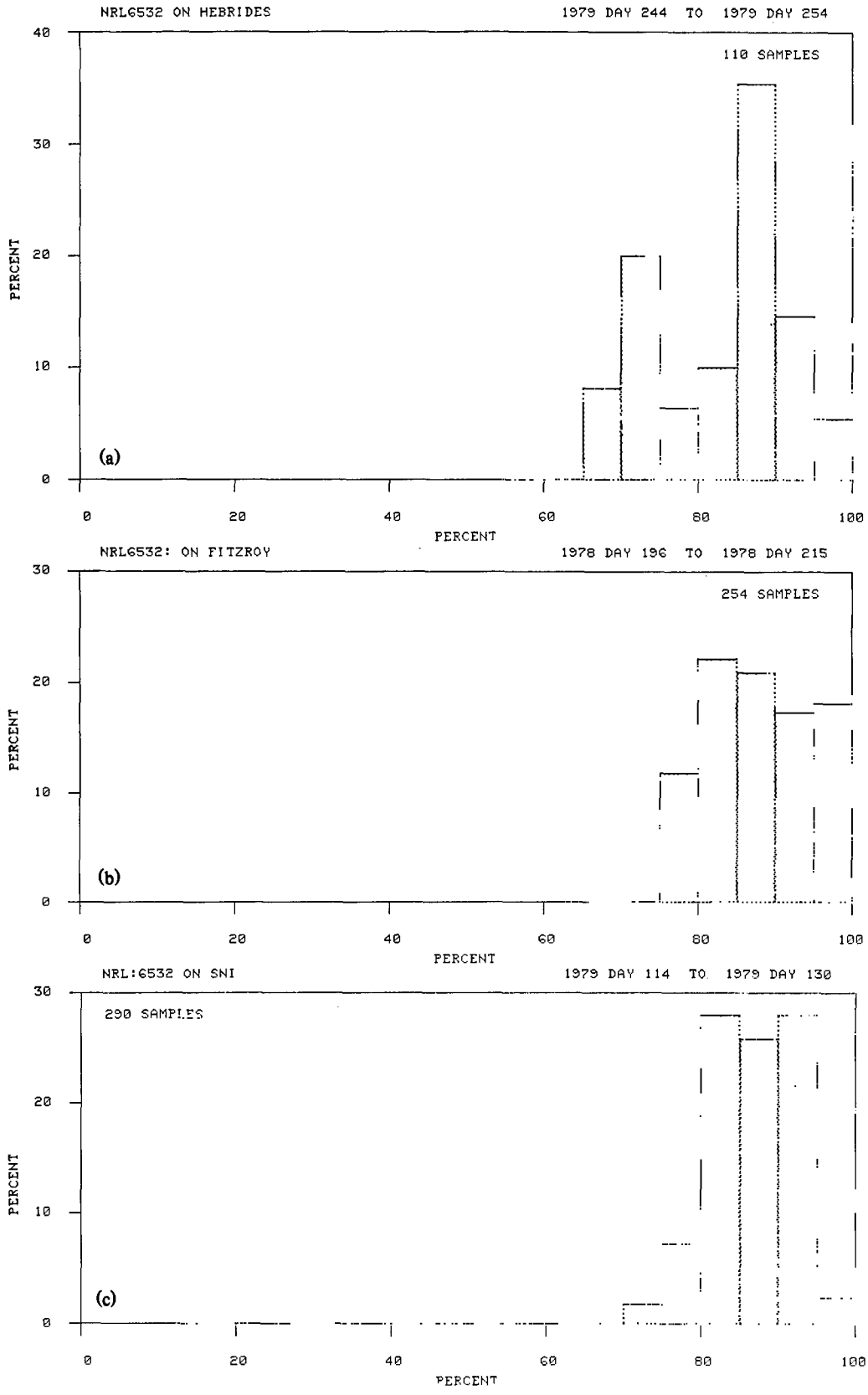


Fig. 8 — Relative humidity frequency-of-occurrence. (a) South Uist, (b) Open sea (57°N 20°W), and (c) San Nicolas Island.

In the open sea, wind direction effectively plays no role in the determination of aerosol size distribution. So Fig. 2 stands alone for the South Uist measurement. On the other hand, wind direction is very important for beach sites because it determines the aerosol source. Since the beach has a north-south direction, Fig. 2 shows that most of the time the wind was from the sea.

Windspeed is an important factor for aerosol generation at both open sea and beach sites. We compare the frequency-of-occurrence plots for that parameter in Fig. 9. For marine modeling work, we might want to include in the South Uist distribution only those data that are associated with winds from the open sea. Of course, there would still be the surf spray component to contend with. There is a limitation on the high windspeed end for the open sea results. The equipment became subject to inundation for those conditions, so we ceased measurements when they occurred. On South Uist, only rain caused us to shut down.

Since optical propagation is the driving force behind these measurements, a direct comparison of calculated aerosol extinction is in order. Figures 10, 11, and 12 do this for wavelengths of 0.55, 3.8, and 10.6 μm. The better transmittance for longer wavelength on the open sea relates to the fewer large particles found there.

Of course, aerosols are not the only factors that contribute to extinction in the infrared. There is water vapor absorption as well. How that affects the distribution of the total extinction is shown in Figs. 13 and 14. Using a curve fit response for the $P_2(8)$ line of the DF Laser, we have calculated the molecular absorption for all the dewpoint measurements. Since the conditions were quite wet most of the time, this gave very little variation in the results, as Fig. 13 shows. Each individual molecular absorption result was added to each aerosol extinction to produce the distribution of the total, Fig. 14. There is only a slight shift in the peak of the distribution compared with Fig. 11a, but it becomes sharper. It does point out that generally the aerosols contribute slightly more to the extinction than the water vapor for that wavelength. Reference 5 presents the same plots for both 3.5 and 10.6 μm for the similar at-sea conditions. There, as would be the case here as well, at 10.6 μm the water vapor is the dominant absorber.

It is possible to divide the data from the open sea and from South Uist into sections that have similar windspeeds and relative humidities so aerosol size distributions could be compared. Those simple comparisons, however, would not take into account the time factor involved with the aerosol generation. We think that a larger data set would be necessary to draw proper conclusions. We have, in Figs. 15(a) through 15(i), presented an aerosol size distribution for each day of the South Uist measurement period. The distributions are quite similar to those found at-sea except for a slight increase in the large particle count.

In conclusion, we find the South Uist site to be as close to an open sea site as any we have encountered. The aerosol particle size distributions are more like those in the open North Atlantic than the ones we obtained at Cape Canaveral, San Nicolas Island, and elsewhere. Weather patterns at South Uist are also similar to those in the North Atlantic. If extended data sets show that certain wind directions produce open-sea-like distributions, it would appear to be technically ideal. The logistical problems may place some limitations on operations there, but with proper planning they can be dealt with. This site can provide valuable optical propagation data that are representative of open sea conditions.

ACKNOWLEDGMENTS

The authors thank those who made this experiment not only possible but pleasant. From RAE Farnborough, Russell Allan was instrumental in arranging the the experiment initially, and Paul Ashdown was with us daily to see that our technical needs were met while we were on South Uist. At the RA Officer's Mess, everyone was helpful and pleasant and our stay was very comfortable. This allowed us to devote our energies to the experiment.

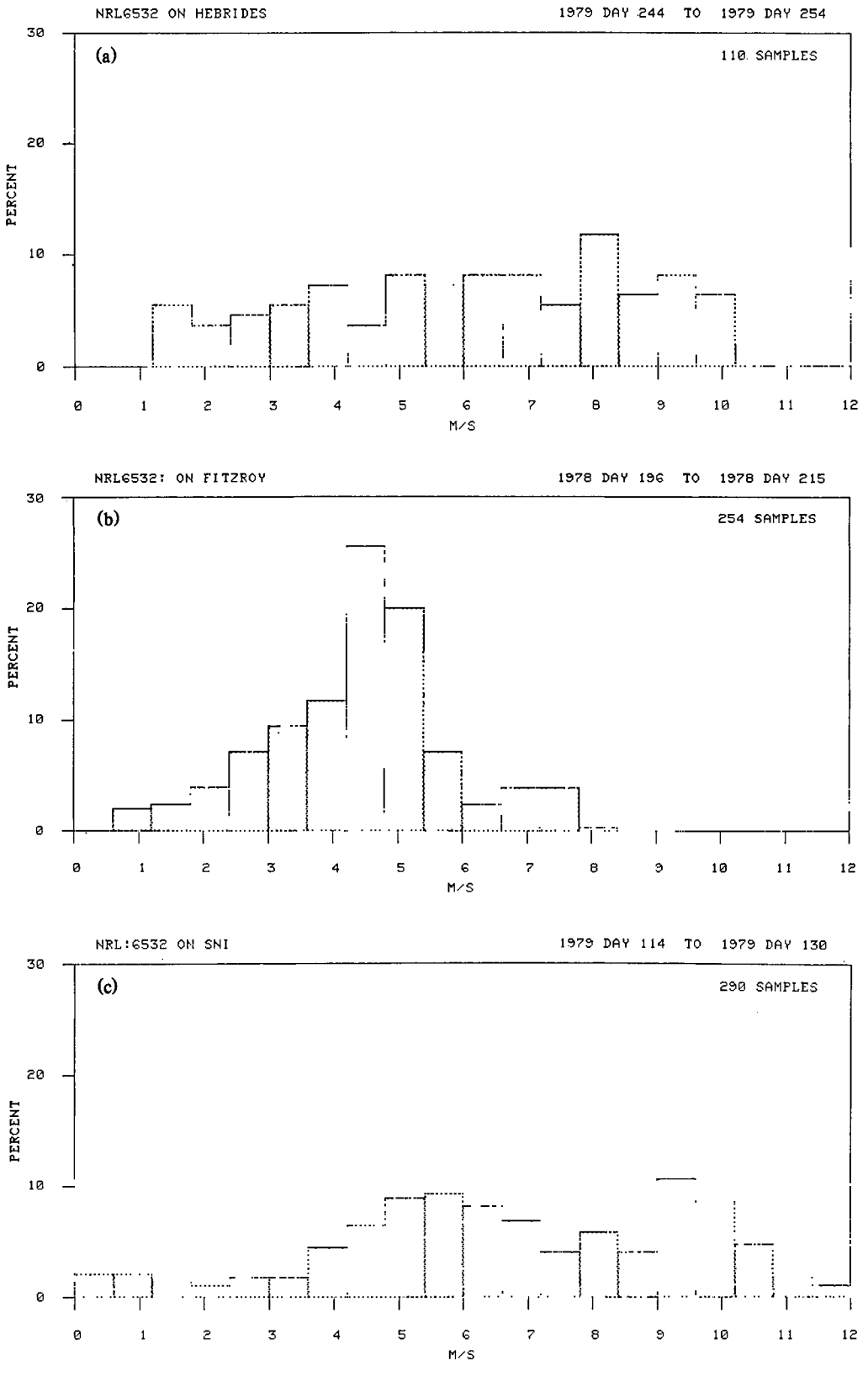


Fig. 9 — Wind speed frequency-of-occurrence. (a) South Uist, (b) Open sea (57°N 20°W), and (c) San Nicolas Island.

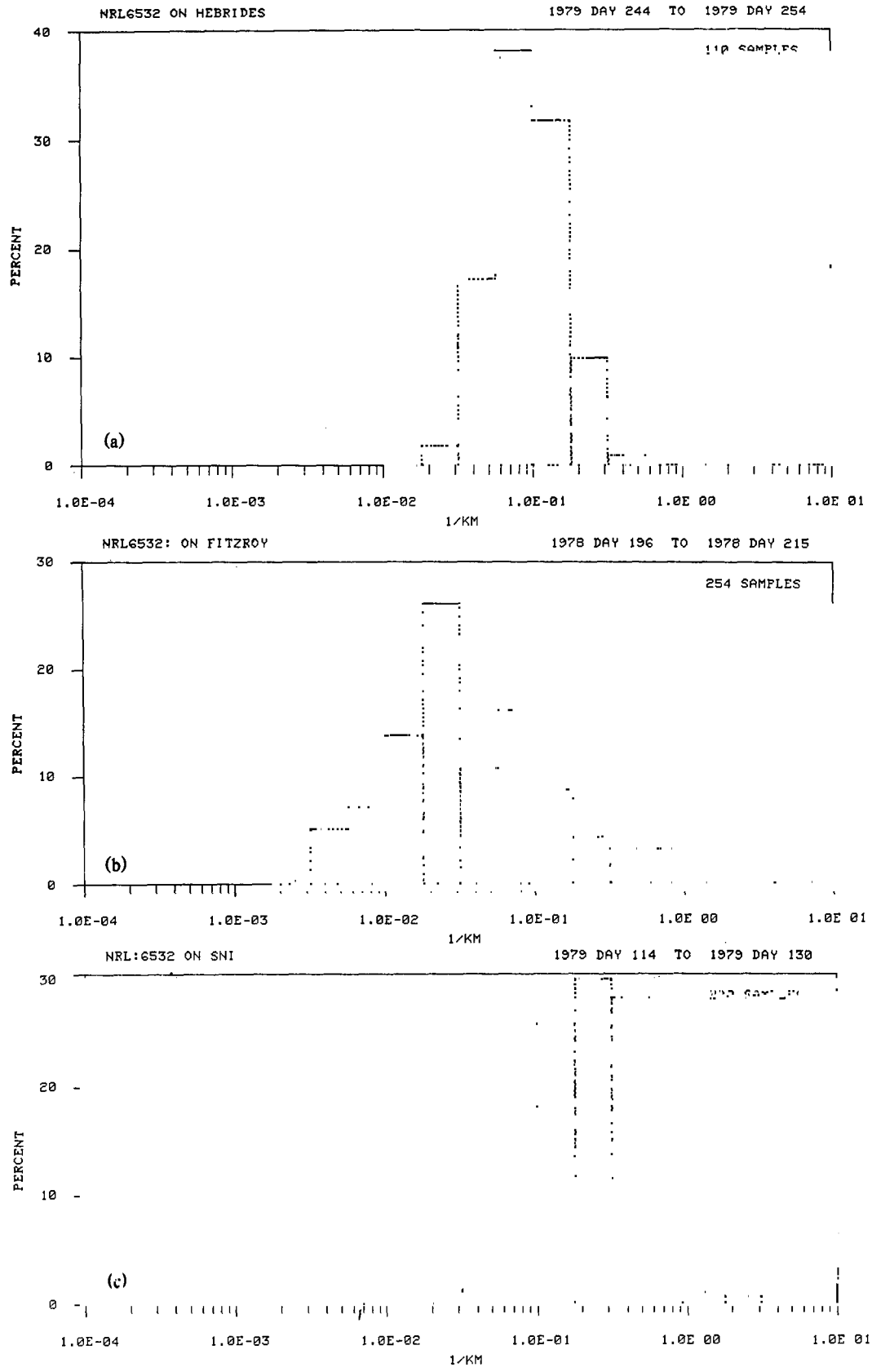


Fig. 10 — Calculated aerosol extinction at 0.55 μm frequency-of-occurrence.
(a) South Uist, (b) open sea (57°N 20°W), and (c) San Nicolas Island.

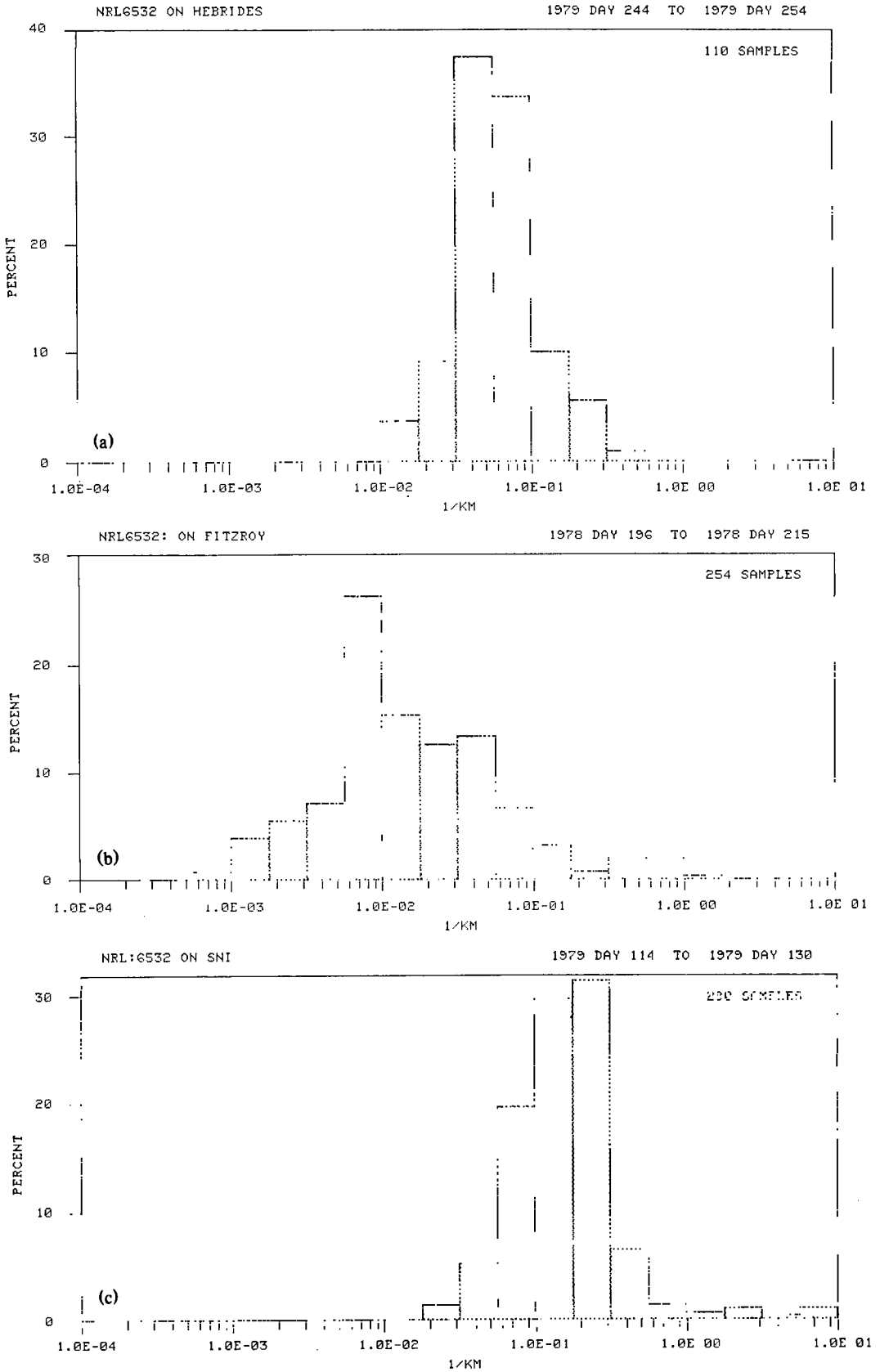


Fig. 11 — Calculated aerosol extinction at 3.8 μm frequency-of-occurrence.
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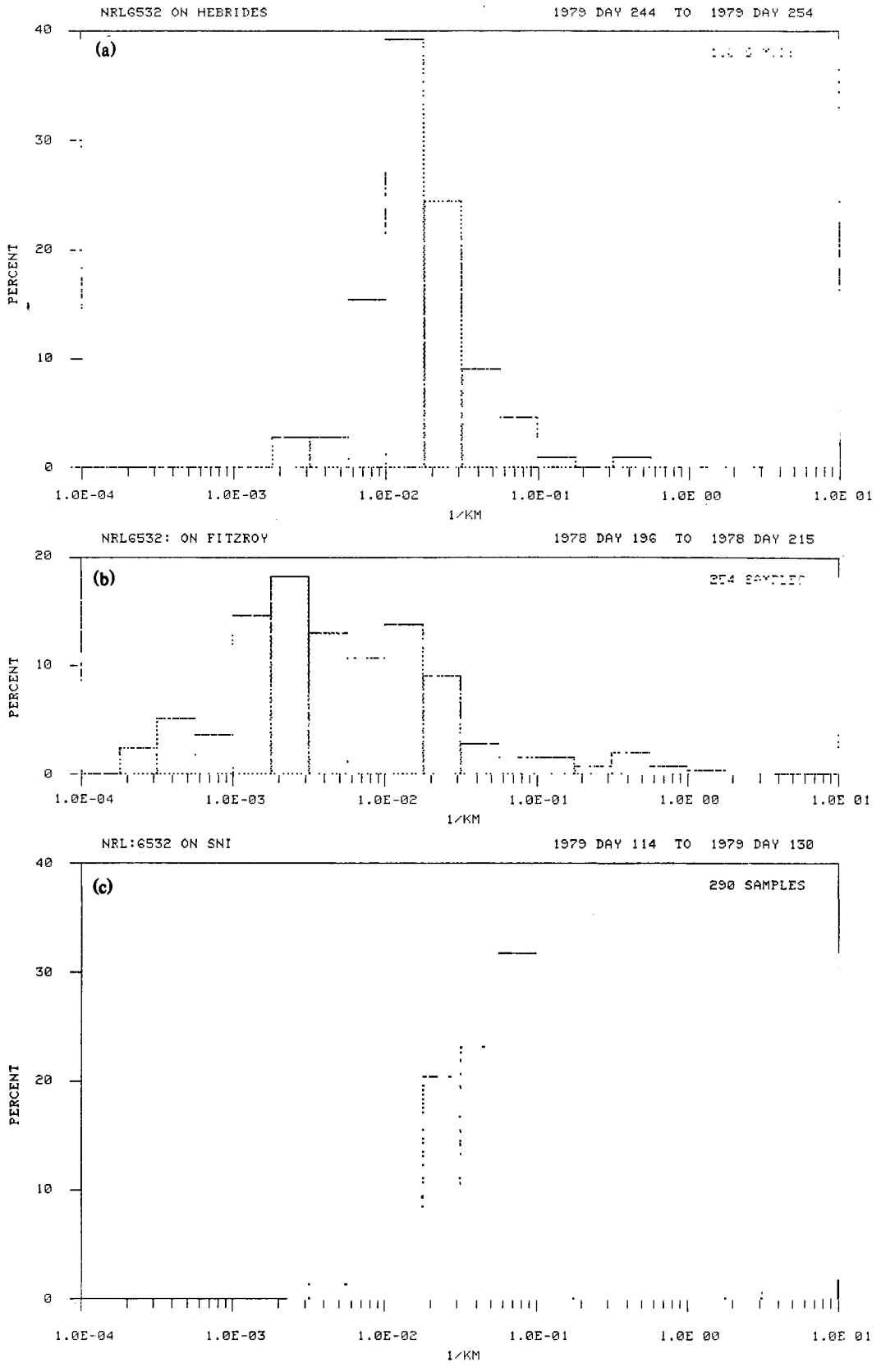

Fig. 12 — Calculated aerosol extinction at 10.6 μm frequency-of-occurrence.
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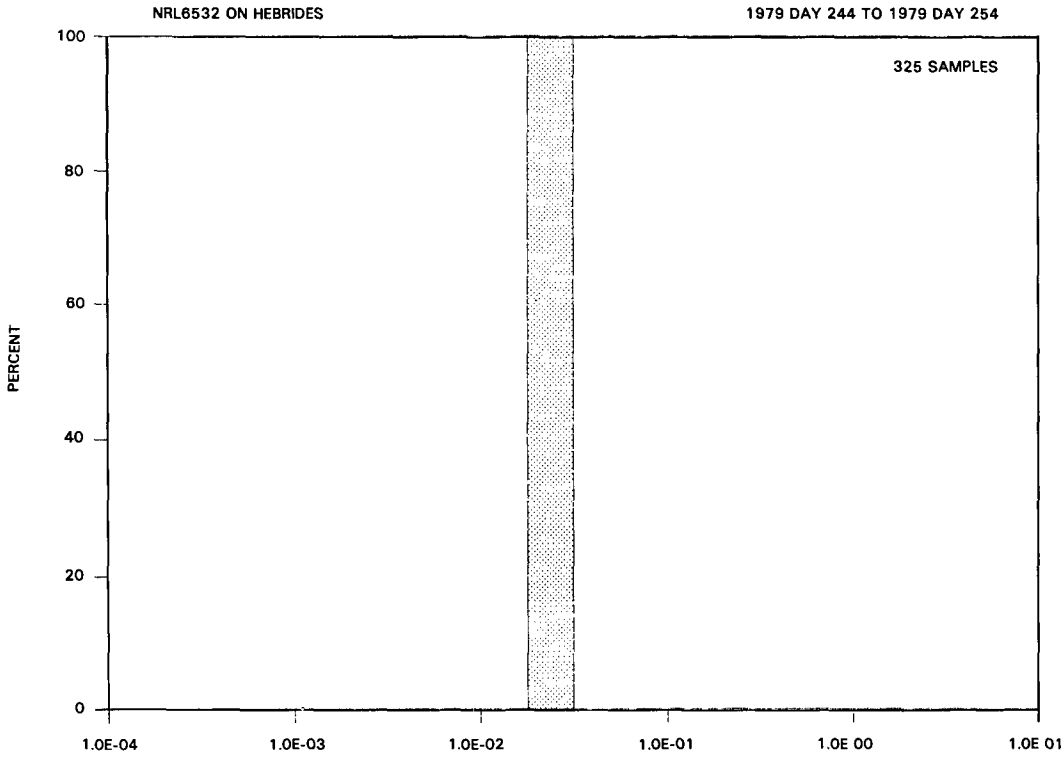


Fig. 13 — Calculated molecular absorption at the $P_2(8)$ DF Laser frequency, frequency-of-occurrence

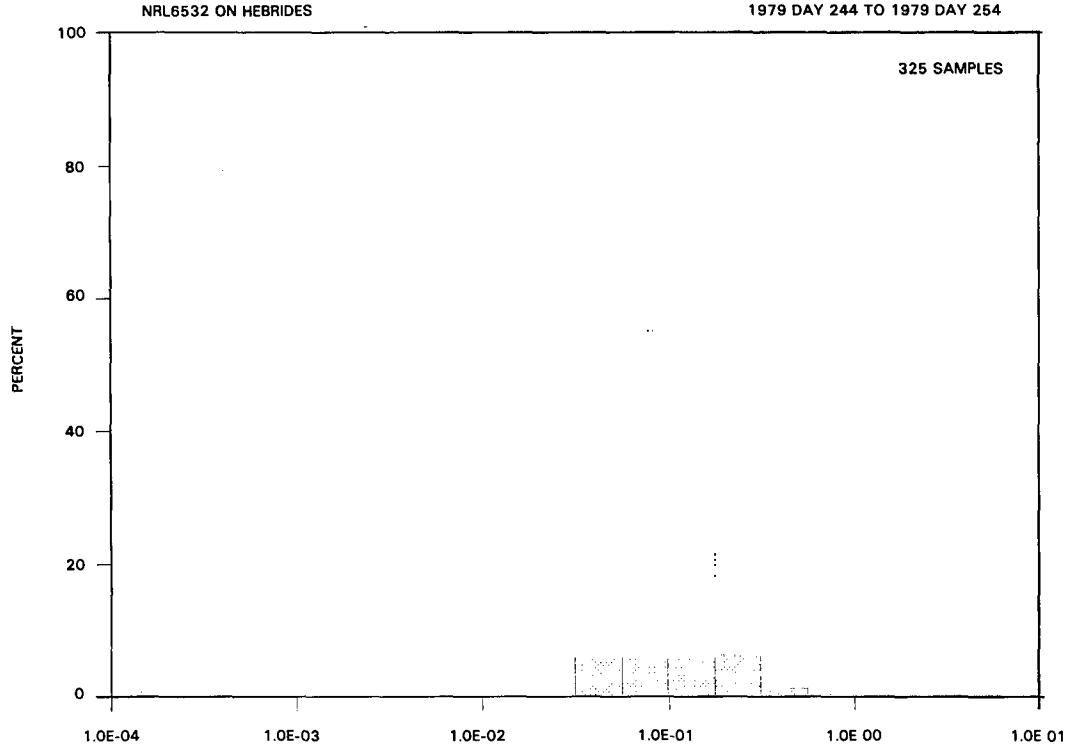
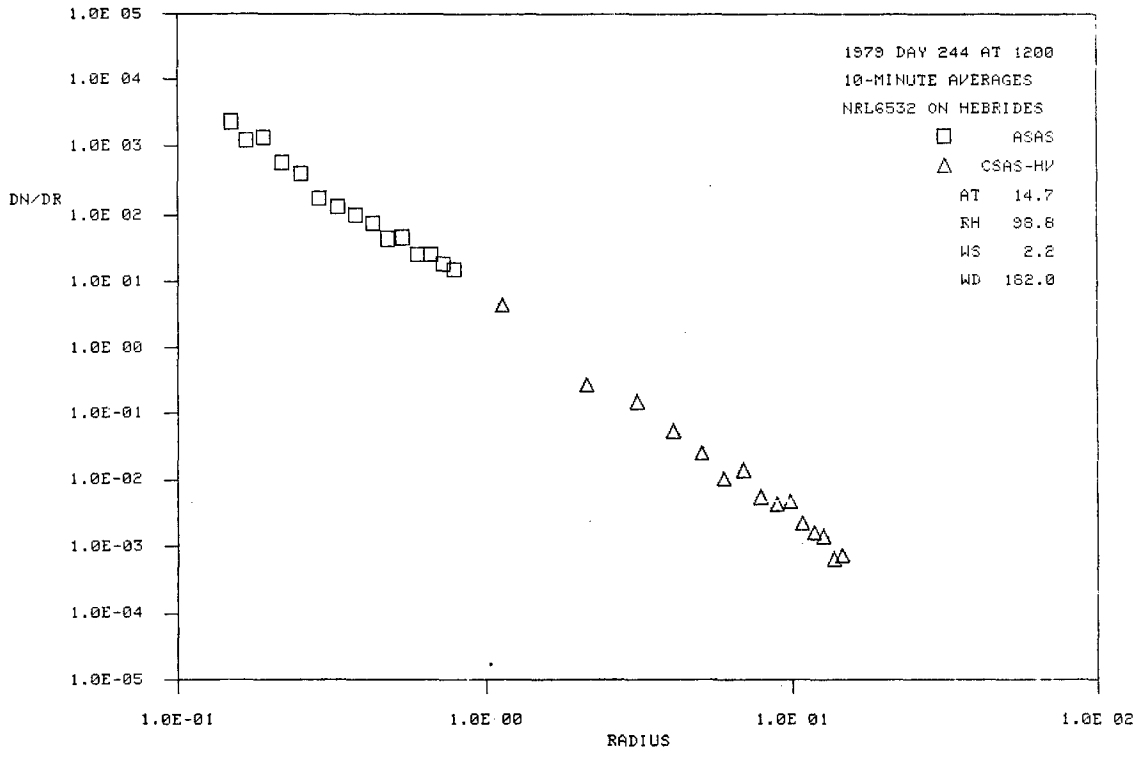


Fig. 14 — Calculated total extinction at the $P_2(8)$ DF Laser frequency, frequency-of-occurrence



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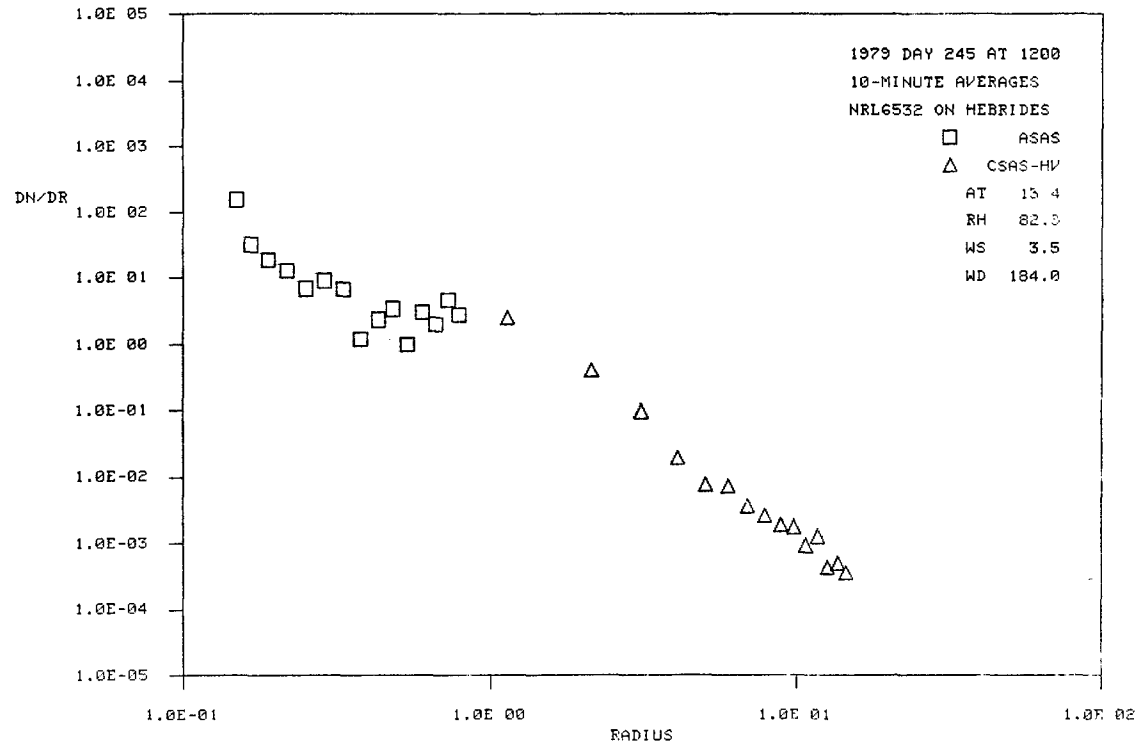
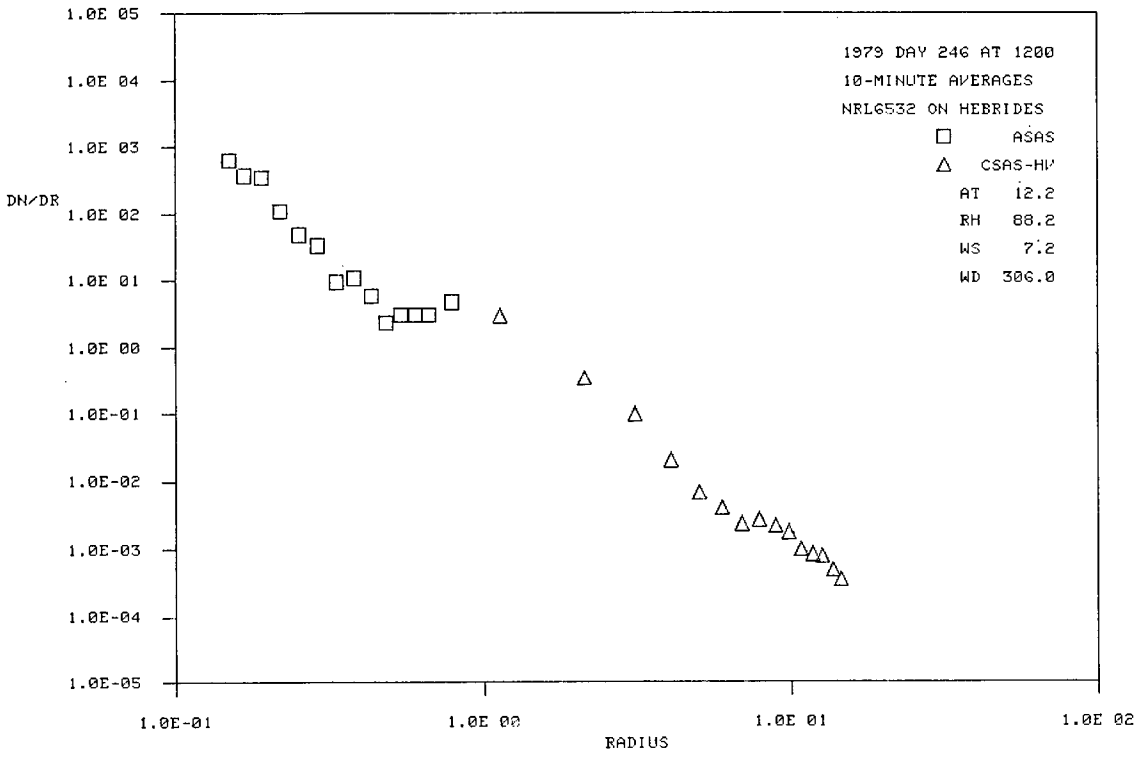


(b) Day 245

Fig. 15 — Aerosol-particle size distribution (1200 local time)



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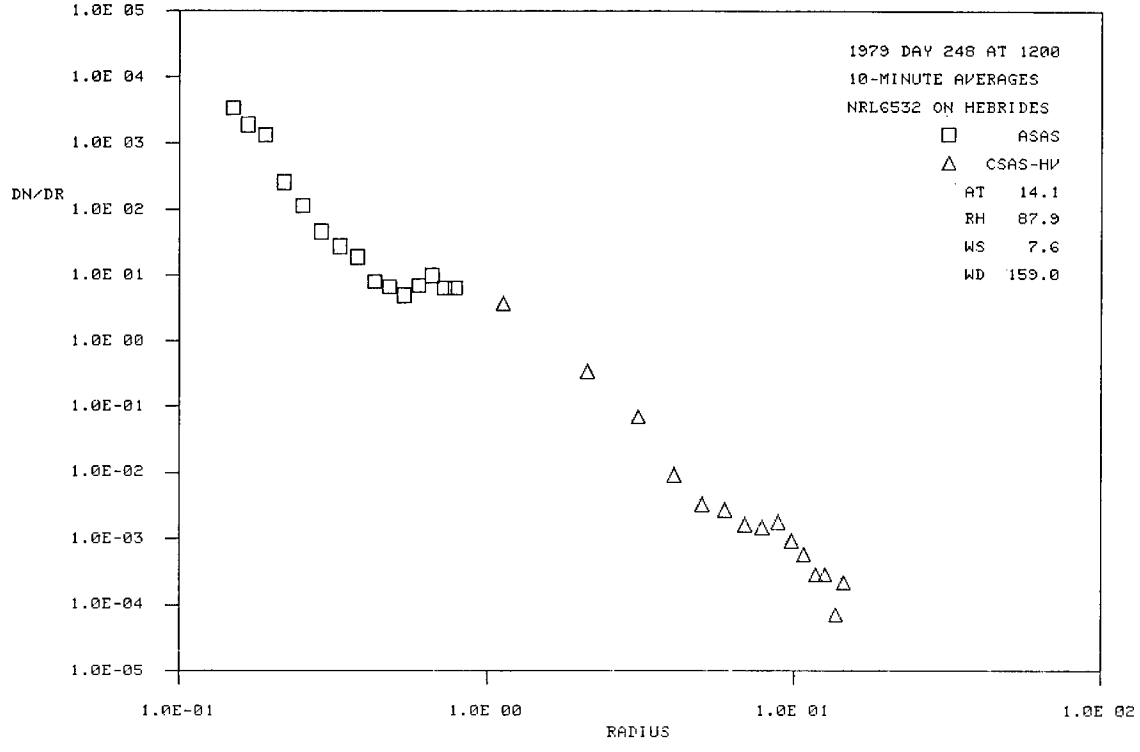
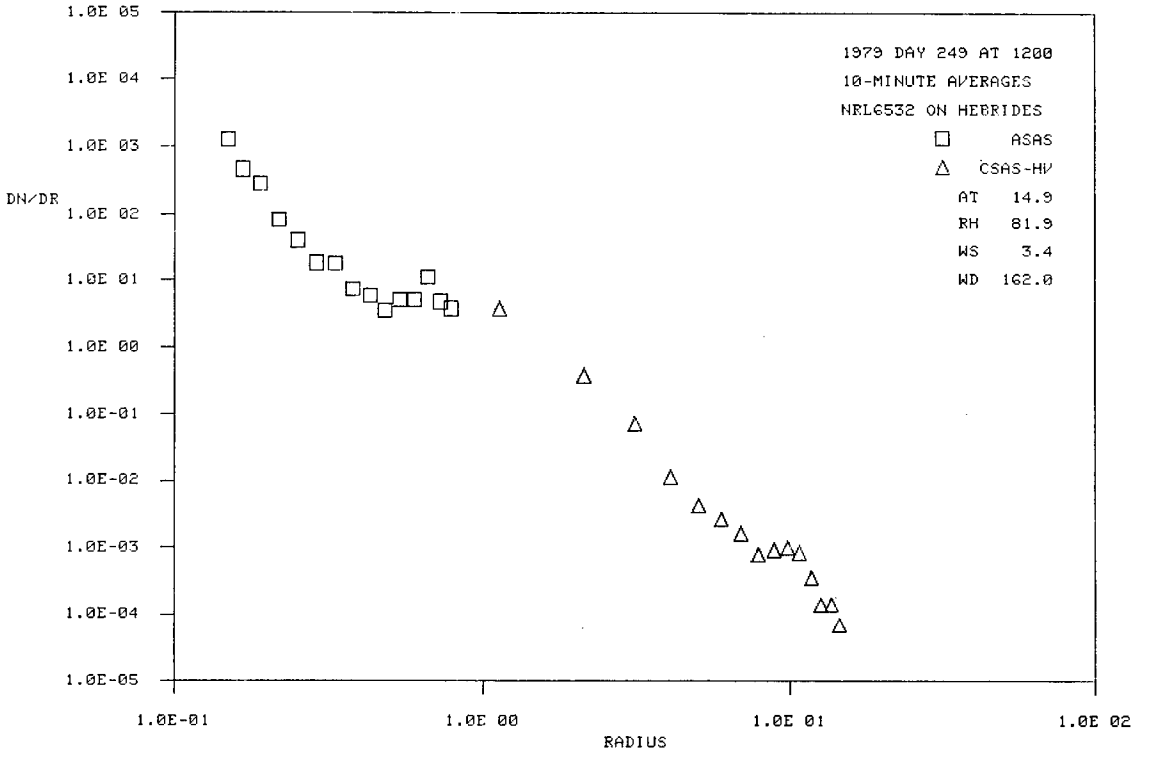


(d) Day 248

Fig. 15 (Continued) — Aerosol-particle size distribution (1200 local time)



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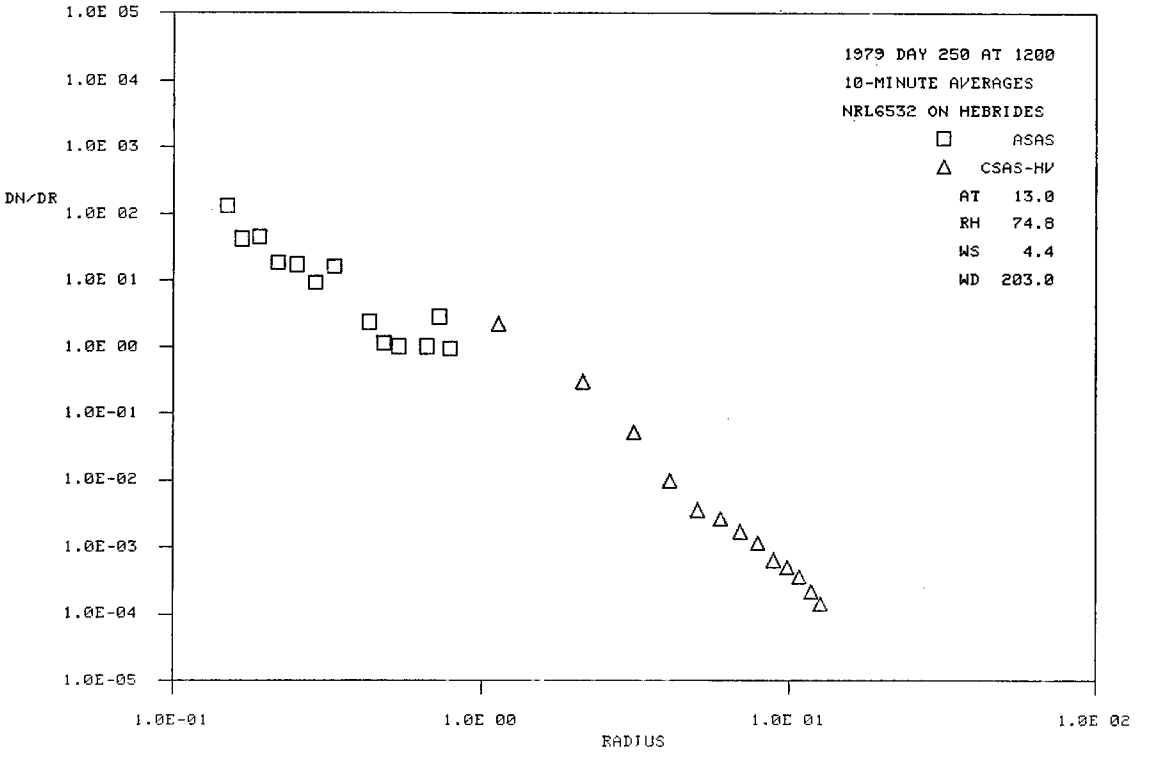

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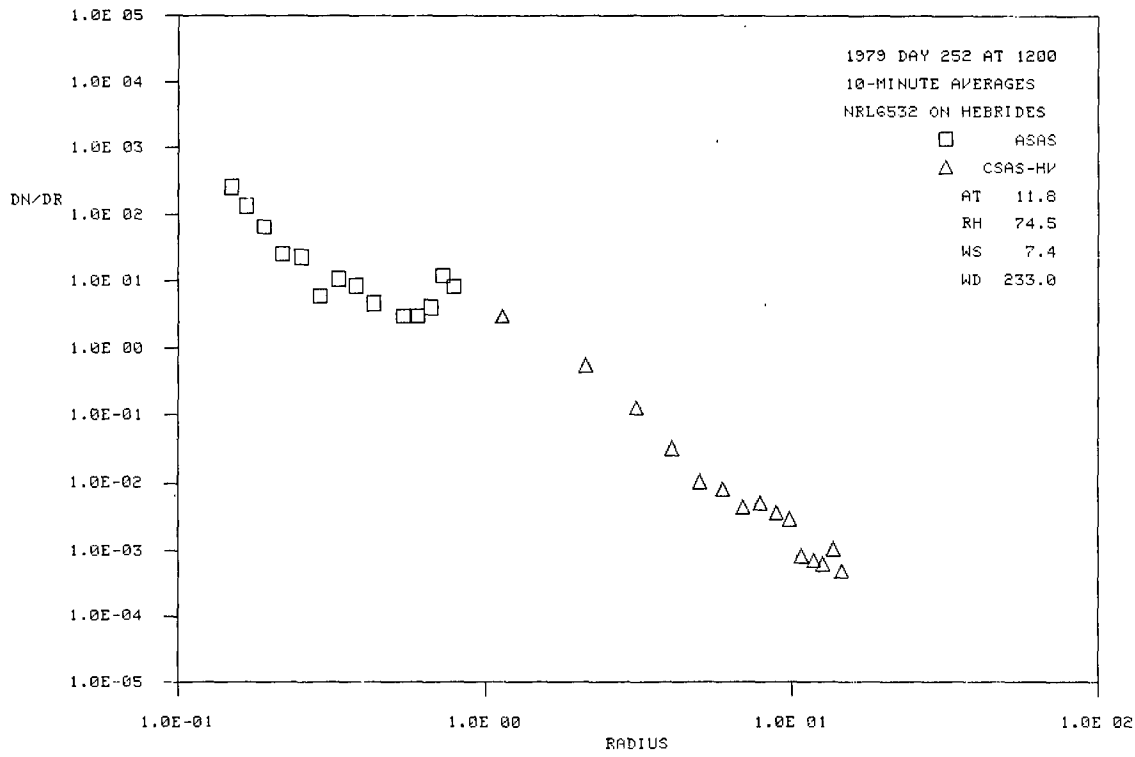
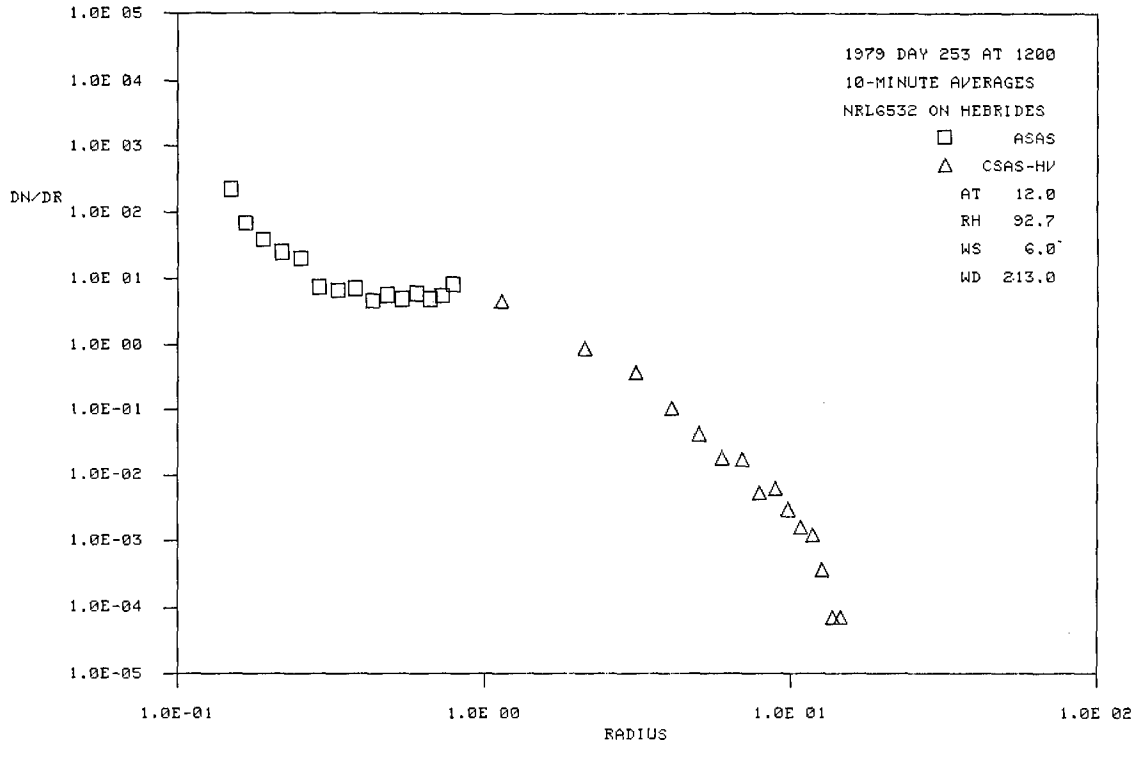
Fig. 15 (Continued) — Aerosol-particle size distribution (1200 local time)

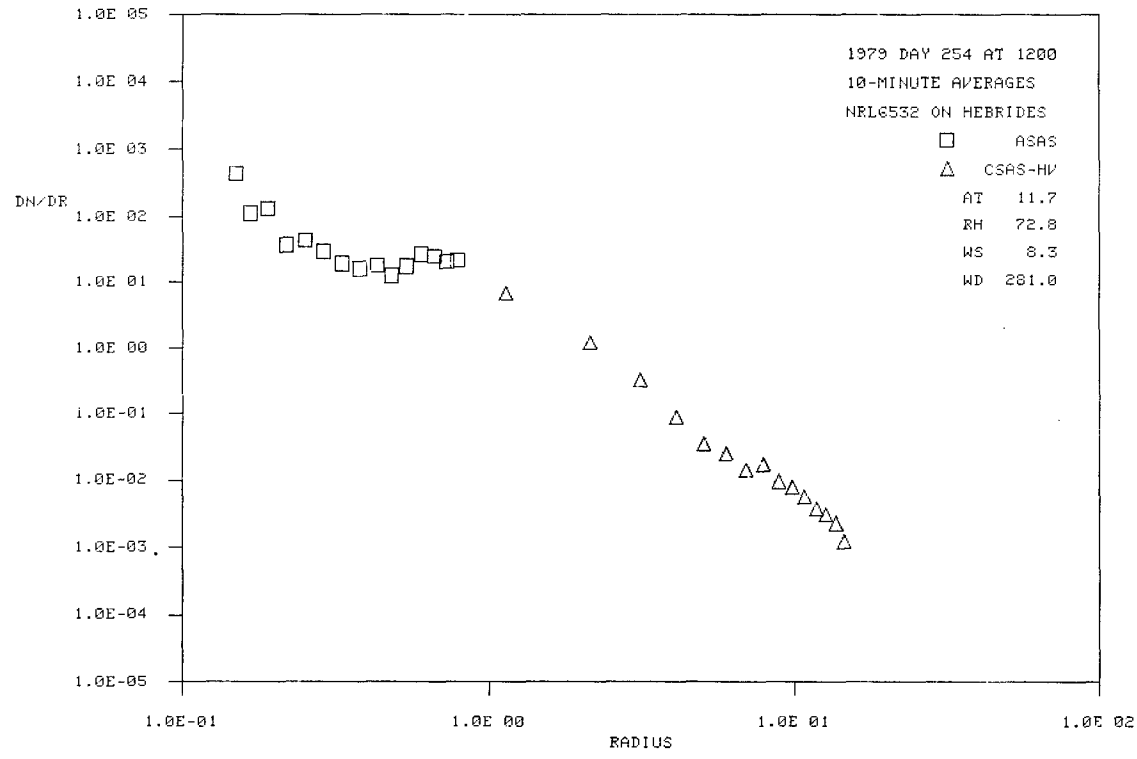


(g) Day 252



(h) Day 253

Fig. 15 (Continued) — Aerosol-particle size distribution (1200 local time)



(i) Day 254

Fig. 15 (Continued) — Aerosol-particle size distribution (1200 local time)

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Appendix A

AEROSOL/METEOROLOGICAL DATA

PROGRAM A48NRL: AEROSOL/MET DATA TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

YEAR	DAY	TIME	AT	RH	WS (M/S)	WD	WVP (TORR)	NUM (1/CC)	AREA	VOL (UM3/CC)	EXTINCTION (1/KM) 0.55	1.06	3.80	10.6
79	244	1100	14.7	98.5	2.6	187	12.3	35.	18.5	92.5	[illegible]	0.037	0.0318	0.0144
		1110	14.8	98.0	1.8	183	12.4	59.	26.3	101.4	[illegible]	0.053	0.0371	0.0150
		1120	14.7	97.9	2.1	172	12.2	84.	41.6	123.9	[illegible]	0.091	0.0485	0.0169
		1130	14.5	98.7	1.7	168	12.2	160.	99.6	280.0	[illegible]	0.241	0.1056	0.0369
		1140	14.5	99.4	1.5	165	12.3	158.	90.1	299.2	[illegible]	0.202	0.1044	0.0423
		1150	14.6	99.2	1.6	166	12.3	149.	65.2	201.0	[illegible]	0.132	0.0731	0.0284
		1200	14.7	98.8	2.2	182	12.4	161.	74.7	218.4	[illegible]	0.157	0.0811	0.0303
		1210	14.5	98.9	3.4	190	12.3	307.	302.8	2926.6	[illegible]	0.666	0.5477	0.4775
		1220	14.6	99.4	2.9	187	12.4	219.	267.4	2449.8	[illegible]	0.615	0.4706	0.3982
		1230	14.4	99.4	3.7	192	12.2	139.	135.9	793.9	[illegible]	0.333	0.1959	0.1228
		1240	14.4	99.0	3.7	196	12.1	121.	85.8	326.2	[illegible]	0.205	0.1069	0.[illegible]9
		1250	14.7	98.5	3.0	197	12.3	115.	84.2	317.6	[illegible]	0.200	0.1069	0.[illegible]8
		1300	15.0	97.7	2.6	190	12.4	93.	54.7	214.0	[illegible]	0.117	0.0750	0.[illegible]7
		1310	15.2	96.9	1.9	183	12.5	65.	40.1	167.9	[illegible]	0.087	0.0612	0.[illegible]1
		1320	15.1	96.3	1.8	183	12.3	38.	32.5	173.9	[illegible]	0.072	0.0604	0.[illegible]0
		1330	15.1	95.7	2.0	188	12.3	34.	30.6	183.3	[illegible]	0.067	0.0579	0.[illegible]1
		1340	15.0	95.4	1.3	176	12.2	26.	22.7	124.1	[illegible]	0.050	0.0420	0.[illegible]3
		1350	15.0	95.2	1.8	181	12.1	24.	27.4	176.6	[illegible]	0.062	0.0554	0.[illegible]1
		1400	15.8	93.7	1.3	166	12.6	26.	22.7	116.2	[illegible]	0.051	0.0410	0.[illegible]9
		1410	15.5	93.3	2.1	201	12.3	25.	25.8	140.7	[illegible]	0.060	0.0510	0.[illegible]8
		1420	15.6	93.9	2.4	191	12.5	28.	22.6	116.3	[illegible]	0.050	0.0400	0.[illegible]9
		1430	15.8	93.0	2.0	186	12.5	29.	20.1	93.7	[illegible]	0.045	0.0346	0.[illegible]3
		1440	16.4	90.9	2.0	181	12.7	32.	16.8	75.9	[illegible]	0.036	0.0269	0.[illegible]6
		1450	16.1	90.7	1.1	163	12.4	42.	17.4	57.8	[illegible]	0.034	0.0219	0.[illegible]3
		1500	16.3	90.3	1.9	186	12.5	46.	19.7	67.8	[illegible]	0.040	0.0273	0.[illegible]8
		1510	16.4	89.5	1.6	183	12.5	46.	17.9	56.0	[illegible]	0.035	0.0213	0.[illegible]0
		1520	16.2	88.5	1.1	175	12.2	46.	18.9	60.2	[illegible]	0.037	0.0230	0.[illegible]6
		1530	16.5	85.3	1.0	161	12.0	28.	12.9	37.1	[illegible]	0.027	0.0157	0.[illegible]1
		1540	16.6	87.0	2.4	122	12.3	84.	28.6	33.1	[illegible]	0.059	0.0144	0.[illegible]8
		1550	16.1	90.8	3.6	108	12.4	107.	33.7	33.2	[illegible]	0.069	0.0139	0.[illegible]3
		1600	16.2	90.2	3.1	123	12.4	123.	35.1	31.4	0.079	0.067	0.0125	0.[illegible]1
		1610	16.3	88.6	3.5	137	12.3	124.	33.5	27.5	0.075	0.056	0.0106	0.[illegible]8
		1620	16.2	89.9	3.3	135	12.4	144.	36.6	29.8	0.080	0.057	0.0120	0.[illegible]0
		1630	16.1	91.0	4.4	143	12.5	158.	41.4	36.7	0.092	0.064	0.0141	0.[illegible]8
		1640	16.0	92.8	3.7	144	12.6	181.	46.5	38.0	0.102	0.071	0.0153	0.[illegible]7
		1650	15.9	92.1	3.7	143	12.5	145.	31.8	23.8	0.065	0.043	0.0091	0.[illegible]7
		1700	15.8	92.5	4.3	146	12.4	117.	23.2	16.1	0.045	0.028	0.0059	0.[illegible]1
79	245	1100	12.8	84.9	3.3	165	9.4	10.	25.2	79.0	0.062	0.072	0.0413	0.0097
		1110	12.3	89.1	3.9	182	9.5	15.	39.3	148.4	0.096	0.106	0.0719	0.0197
		1120	12.4	88.1	4.1	184	9.5	12.	37.1	137.8	0.090	0.102	0.0685	0.0182
		1130	12.3	86.1	4.6	188	9.2	8.	29.8	111.0	0.072	0.083	0.0558	0.0144

PROGRAM A48NRL: AEROSOL/MET DATA TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

YEAR	DAY	TIME	AT	RH	WS (M/S)	WD	WVP (TORR)	NUM (1/CC)	AREA	VOL (UM3/CC)	EXTINCTION (1/KM) 0.55	1.06	3.80	10.6
79	245	1140	12.5	85.2	4.2	188	9.2	8.	29.3	109.8	0.072	0.081	0.0539	0.0145
		1150	13.2	83.3	3.7	186	9.5	10.	29.0	105.9	0.071	0.079	0.0519	0.0138
		1200	13.4	82.9	3.5	184	9.5	10.	28.4	111.6	0.069	0.077	0.0508	0.0151
		1210	13.4	79.3	3.4	182	9.1	6.	17.5	73.4	0.042	0.049	0.0323	0.0101
		1220	13.1	83.2	2.4	162	9.4	8.	24.8	91.1	0.060	0.069	0.0447	0.0120
		1230	12.8	82.6	2.6	155	9.1	8.	23.4	82.7	0.057	0.066	0.0409	0.0107
		1240	12.8	82.2	2.1	163	9.1	7.	21.1	80.8	0.051	0.059	0.0390	0.0108
		1250	12.5	79.3	3.4	153	8.6	4.	9.0	27.6	0.022	0.026	0.0144	0.0034
		1300	12.5	84.1	3.1	153	9.1	6.	13.0	42.0	0.031	0.038	0.0208	0.0052
		1310	12.5	83.7	2.3	153	9.1	7.	17.1	64.0	0.041	0.048	0.0301	0.0085
		1320	12.6	84.0	1.3	159	9.2	7.	25.1	119.2	0.060	0.068	0.0489	0.0172
		1330	12.7	84.5	1.4	161	9.3	9.	26.2	111.3	0.063	0.070	0.0494	0.0159
		1340	12.7	83.5	1.6	160	9.2	8.	22.8	96.2	0.054	0.061	0.0432	0.0135
		1350	12.9	85.5	2.0	180	9.5	8.	23.0	104.1	0.055	0.062	0.0444	0.0149
		1400	12.9	86.7	1.8	182	9.7	10.	25.8	110.1	0.061	0.069	0.0494	0.0156
		1410	12.6	84.4	1.4	173	9.2	7.	16.6	64.4	0.041	0.045	0.0288	0.0089
		1420	12.9	84.3	1.5	170	9.4	8.	21.0	87.1	0.049	0.057	0.0403	0.0121
		1430	12.9	87.5	3.0	190	9.8	12.	32.9	131.9	0.079	0.089	0.0620	0.0181
		1440	13.3	87.4	3.4	195	10.0	11.	32.5	134.0	0.078	0.088	0.0625	0.0184
		1450	13.2	88.3	4.2	200	10.0	12.	39.6	171.8	0.094	0.106	0.0790	0.0238
		1500	13.1	89.2	5.5	211	10.0	12.	38.1	182.4	0.091	0.100	0.0769	0.0261
		1510	12.7	87.1	6.4	213	9.6	7.	23.9	117.7	0.057	0.062	0.0467	0.0173
		1520	12.6	86.3	6.6	216	9.4	7.	24.2	116.4	0.058	0.063	0.0478	0.0168
		1530	13.0	85.1	6.1	218	9.5	6.	23.2	116.2	0.055	0.061	0.0479	0.0169
		1540	13.1	85.1	5.8	222	9.6	6.	25.1	123.2	0.060	0.065	0.0517	0.0180
		1550	13.1	85.2	5.6	229	9.6	7.	23.9	118.2	0.057	0.061	0.0484	0.0172
		1600	13.0	85.5	5.3	232	9.6	7.	23.1	115.9	0.054	0.060	0.0489	0.0169
		1610	13.2	85.4	4.4	229	9.7	6.	22.7	120.0	0.053	0.058	0.0487	0.0178
		1620	13.2	84.6	3.5	232	9.6	6.	19.0	91.4	0.045	0.050	0.0401	0.0131
		1630	13.3	85.3	3.6	223	9.7	6.	21.1	105.5	0.050	0.054	0.0439	0.0155
		1640	13.4	86.2	4.5	224	9.9	9.	25.4	128.9	0.060	0.065	0.0519	0.0191
		1650	13.1	87.2	5.5	227	9.9	8.	27.7	152.5	0.065	0.071	0.0584	0.0227
		1700	13.0	89.1	5.3	228	10.0	11.	30.9	162.0	0.073	0.079	0.0634	0.0240
		1710	13.4	87.7	5.0	225	10.1	10.	29.1	145.9	0.069	0.075	0.0598	0.0214
		1720	13.2	88.4	4.8	229	10.1	9.	31.3	163.5	0.073	0.081	0.0673	0.0241
		1730	13.2	89.3	4.3	233	10.2	10.	30.1	152.3	0.070	0.079	0.0634	0.0222
79	246	1010	11.8	93.4	6.4	315	9.7	16.	40.7	175.3	0.096	0.113	0.0755	0.0244
		1020	11.4	94.0	6.3	322	9.5	31.	40.2	148.8	0.096	0.108	0.0660	0.0201
		1030	11.6	94.1	6.0	318	9.6	31.	48.7	172.7	0.117	0.133	0.0832	0.0226
		1040	11.7	92.5	6.9	318	9.5	27.	36.5	129.7	0.086	0.100	0.0604	0.0169
		1050	12.0	90.6	6.5	314	9.5	29.	36.9	115.3	0.089	0.101	0.0568	0.0145

PROGRAM A48NRL: AEROSOL/MET DATA TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

YEAR	DAY	TIME	AT	RH	WS (M/S)	WD	WVP (TORR)	NUM (1/CC)	AREA	VOL (UM3/CC)	EXTINCTION (1/KM) 0.55	1.06	3.80	10.6
79	246	1100	12.0	89.1	7.0	312	9.3	29.	34.3	113.8	0.081	0.094	0.0529	0.0148
		1110	12.2	89.3	6.5	312	9.5	35.	42.9	148.0	0.104	0.115	0.0654	0.0195
		1120	12.0	89.3	6.8	312	9.4	43.	41.6	145.6	0.097	0.110	0.0642	0.0194
		1130	12.4	88.7	7.1	307	9.5	35.	41.5	151.5	0.098	0.112	0.0669	0.0202
		1140	12.3	88.7	7.7	306	9.5	38.	38.5	142.0	0.090	0.102	0.0598	0.0192
		1150	12.1	88.0	7.6	310	9.3	41.	29.9	98.6	0.069	0.075	0.0425	0.0131
		1200	12.2	88.2	7.2	306	9.4	39.	32.7	109.8	0.076	0.084	0.0492	0.0145
		1210	12.3	89.0	7.7	307	9.6	42.	38.9	130.6	0.092	0.100	0.0592	0.0172
		1220	11.7	91.3	8.3	308	9.4	47.	37.6	126.6	0.088	0.094	0.0548	0.0170
		1230	12.0	89.6	6.6	304	9.4	50.	36.3	123.3	0.085	0.088	0.0497	0.0166
		1240	12.3	87.5	7.2	301	9.4	52.	37.7	120.4	0.088	0.094	0.0535	0.0158
		1250	12.3	85.8	7.1	302	9.2	48.	35.4	118.6	0.082	0.089	0.0506	0.0158
		1300	12.1	87.0	7.0	311	9.2	52.	42.3	144.1	0.099	0.107	0.0625	0.0192
		1310	11.9	86.2	7.4	315	9.0	59.	39.9	120.6	0.094	0.097	0.0527	0.0158
		1320	11.5	90.8	7.4	311	9.2	91.	64.5	229.4	0.153	0.151	0.0903	0.0319
		1330	11.6	90.4	6.7	315	9.2	63.	44.4	155.6	0.104	0.106	0.0621	0.0215
		1340	12.2	85.9	6.4	319	9.2	40.	34.0	119.4	0.079	0.[illegible]	0.0512	0.0160
		1350	12.0	86.9	7.4	320	9.1	36.	32.1	108.1	0.075	0.[illegible]	0.0485	0.0141
		1400	11.8	87.9	6.8	321	9.1	32.	29.6	102.3	0.069	0.[illegible]	0.0447	0.0135
		1410	11.8	87.6	6.8	323	9.1	26.	28.2	98.8	0.066	0.[illegible]	0.0447	0.0130
		1420	11.6	86.3	6.7	323	8.8	25.	24.9	85.1	0.058	0.[illegible]	0.0378	0.0112
		1430	11.7	86.9	5.8	322	8.9	31.	33.4	117.5	0.079	0.[illegible]	0.0522	0.0155
		1450	12.2	86.3	5.4	314	9.2	40.	51.9	197.2	0.122	0.[illegible]	0.0882	0.0266
		1500	12.0	85.0	6.1	318	8.9	40.	45.6	169.7	0.108	0.[illegible]	0.0737	0.0228
		1510	12.2	80.5	6.0	317	8.6	38.	40.6	159.0	0.095	0.[illegible]	0.0644	0.0218
		1520	12.4	79.9	5.9	313	8.6	33.	43.7	165.2	0.103	0.[illegible]	0.0731	0.0224
		1530	12.4	75.5	5.9	313	8.1	31.	32.5	99.5	0.078	0.[illegible]	0.0471	0.0124
		1540	12.3	76.4	6.1	313	8.2	30.	38.4	134.1	0.092	0.[illegible]	0.0616	0.0177
		1550	12.3	79.8	5.5	308	8.5	37.	61.5	254.9	0.146	0.[illegible]	0.1103	0.0356
		1600	12.1	82.1	5.2	313	8.7	36.	55.8	216.5	0.134	0.[illegible]	0.0943	0.0293
		1610	11.9	82.9	5.4	307	8.6	37.	64.4	269.4	0.153	0.[illegible]	0.1140	0.0375
		1620	11.6	85.0	4.9	318	8.7	43.	56.1	211.3	0.136	0.[illegible]	0.0888	0.0286
		1630	11.8	83.9	4.9	312	8.7	37.	59.0	241.0	0.140	0.[illegible]	0.1010	0.0333
		1640	11.4	84.4	6.2	325	8.5	32.	48.5	198.1	0.114	0.[illegible]	0.0802	0.0274
		1650	11.0	86.7	4.6	322	8.5	37.	54.9	232.2	0.132	0.[illegible]	0.0885	0.0325
		1700	11.6	83.4	4.5	318	8.6	31.	55.0	243.1	0.131	0.[illegible]	0.0936	0.0342
		1710	11.9	81.8	4.5	318	8.5	29.	53.1	230.0	0.127	0.[illegible]	0.0907	0.0322
		1720	11.9	82.2	4.4	312	8.6	30.	57.7	241.3	0.137	0.[illegible]	0.1022	0.0335
79	248	1010	14.7	85.8	6.7	161	10.8	77.	26.8	45.9	0.057	0.063	0.0260	0.0044
		1020	15.2	84.1	7.2	160	10.8	75.	25.7	43.5	0.055	0.060	0.0241	0.0042
		1030	15.2	84.2	7.0	159	10.9	87.	31.1	56.9	0.067	0.073	0.0306	0.0057

PROGRAM A48NRL: AEROSOL/MET DATA TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

YEAR	DAY	TIME	AT	RH	WS (M/S)	WD	WVP (TORR)	NUM (1/CC)	AREA	VOL (UM3/CC)	EXTINCTION (1/KM) 0.55	1.06	3.80	10.6
79	248	1040	14.8	85.5	8.0	160	10.8	101.	37.4	69.1	0.080	0.088	0.0382	0.0070
		1050	14.6	85.8	6.8	161	10.7	84.	32.9	64.4	0.071	0.080	0.0347	0.0067
		1100	14.4	86.8	6.9	161	10.6	94.	37.9	71.4	0.084	0.091	0.0386	0.0073
		1110	14.3	87.3	8.0	159	10.7	102.	39.3	77.0	0.085	0.094	0.0412	0.0081
		1120	14.0	88.0	8.3	160	10.5	117.	42.7	84.5	0.092	0.098	0.0444	0.0091
		1130	14.1	87.9	7.2	161	10.6	108.	40.8	89.1	0.087	0.095	0.0444	0.0101
		1140	14.2	87.5	8.3	159	10.6	117.	42.2	85.2	0.090	0.096	0.0428	0.0095
		1150	14.1	87.9	8.5	159	10.6	128.	43.0	86.1	0.090	0.096	0.0442	0.0095
		1200	14.1	87.9	7.6	159	10.6	149.	45.9	87.6	0.096	0.097	0.0430	0.0098
		1210	13.9	88.5	8.4	158	10.5	174.	48.2	90.7	0.097	0.096	0.0436	0.0102
		1220	13.6	88.9	8.0	157	10.4	200.	52.4	95.9	0.104	0.099	0.0456	0.0110
		1230	13.5	89.4	8.2	158	10.3	245.	59.1	96.9	0.114	0.104	0.0466	0.0107
		1240	13.4	88.7	9.0	159	10.2	265.	60.6	83.8	0.116	0.101	0.0420	0.0085
		1250	13.5	88.0	9.6	160	10.2	245.	59.6	89.4	0.118	0.102	0.0433	0.0094
		1300	13.3	88.5	8.6	159	10.1	242.	63.3	91.2	0.130	0.111	0.0454	0.0094
		1310	13.3	88.2	8.8	160	10.1	243.	65.7	91.2	0.138	0.115	0.0436	0.0092
		1320	13.5	87.2	9.2	160	10.1	217.	61.4	84.4	0.131	0.110	0.0413	0.0083
		1330	13.7	86.3	9.3	161	10.1	180.	56.9	87.6	0.124	0.114	0.0449	0.0087
		1340	13.9	85.7	9.9	161	10.2	155.	58.2	103.8	0.129	0.128	0.0540	0.0108
		1350	13.8	86.3	9.7	161	10.2	154.	61.6	112.8	0.137	0.137	0.0593	0.0119
		1400	13.9	86.1	9.6	162	10.2	162.	65.9	123.6	0.150	0.144	0.0606	0.0135
		1410	14.0	85.4	10.3	161	10.2	154.	61.4	106.9	0.141	0.133	0.0531	0.0111
		1420	13.9	85.2	10.1	161	10.1	215.	72.0	112.2	0.162	0.139	0.0516	0.0117
		1430	13.9	85.2	10.1	161	10.1	233.	78.9	115.1	0.181	0.151	0.0543	0.0116
		1440	13.7	86.5	9.4	161	10.2	157.	62.8	115.9	0.142	0.139	0.0580	0.0125
		1450	13.7	86.6	8.9	161	10.2	112.	54.6	109.4	0.126	0.131	0.0567	0.0117
		1500	13.7	86.3	9.7	161	10.1	118.	52.8	102.5	0.121	0.123	0.0513	0.0110
		1510	14.0	84.9	10.0	160	10.1	142.	53.8	95.9	0.122	0.115	0.0453	0.0103
		1520	13.9	84.7	9.3	160	10.1	134.	51.1	95.3	0.115	0.110	0.0436	0.0105
		1530	13.8	84.5	10.4	160	10.0	117.	49.4	104.8	0.110	0.113	0.0492	0.0120
		1540	13.7	85.4	9.6	159	10.0	122.	53.1	116.6	0.118	0.123	0.0552	0.0134
		1550	13.5	86.4	8.5	158	10.0	162.	62.0	129.6	0.137	0.135	0.0597	0.0150
		1600	13.5	85.9	9.3	158	10.0	165.	56.3	110.7	0.121	0.119	0.0512	0.0127
		1610	13.5	86.2	9.8	159	10.0	153.	55.8	111.0	0.122	0.122	0.0534	0.0126
		1620	13.6	86.6	9.0	158	10.1	163.	60.3	122.6	0.133	0.130	0.0567	0.0141
		1630	13.7	86.2	8.2	157	10.1	174.	60.7	111.2	0.135	0.126	0.0519	0.0124
		1640	13.8	86.0	7.9	157	10.2	173.	60.3	118.5	0.132	0.124	0.0542	0.0138
		1650	13.9	85.7	8.4	154	10.2	178.	59.8	110.0	0.131	0.121	0.0498	0.0123
		1700	14.0	85.7	8.2	154	10.3	189.	61.1	108.9	0.134	0.122	0.0495	0.0123
79	249	1050	13.7	89.7	3.1	162	10.5	87.	53.8	129.8	0.125	0.138	0.0714	0.0146
		1100	14.1	88.5	2.8	165	10.7	86.	58.5	143.4	0.139	0.149	0.0777	0.0164

PROGRAM A48NRL: AEROSOL/MET DATA TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

YEAR	DAY	TIME	AT	RH	WS (M/S)	WD	WVP (TORR)	NUM (1/CC)	AREA	VOL (UM3/CC)	EXTINCTION (1/KM) 0.55	1.06	3.80	10.6
79	249	1110	14.5	86.8	2.7	170	10.8	75.	43.5	93.7	0.100	0.113	0.0549	0.0098
		1120	14.4	86.6	2.7	168	10.6	160.	58.0	102.8	0.127	0.133	0.0580	0.0103
		1130	14.8	84.5	2.8	169	10.6	61.	40.8	107.8	0.094	0.107	0.0552	0.0127
		1140	14.7	84.3	2.8	169	10.5	66.	40.9	100.0	0.094	0.105	0.0534	0.0114
		1150	15.0	82.1	3.3	162	10.5	50.	36.0	87.2	0.085	0.096	0.0469	0.0098
		1200	14.9	81.9	3.4	162	10.4	50.	35.5	83.7	0.084	0.095	0.0445	0.0093
		1210	14.4	83.5	3.3	162	10.3	48.	35.5	82.9	0.083	0.097	0.0465	0.0089
		1220	14.6	82.6	3.3	161	10.3	41.	32.2	74.8	0.075	0.090	0.0431	0.0079
		1230	14.2	84.1	3.5	161	10.2	52.	35.9	83.9	0.083	0.097	0.0462	0.0091
		1240	14.2	85.4	4.5	162	10.3	53.	34.8	71.3	0.083	0.093	0.0402	0.0072
		1250	14.2	86.0	4.0	162	10.4	67.	40.3	78.7	0.096	0.104	0.0460	0.0078
		1300	14.1	86.3	3.2	166	10.4	80.	44.9	98.7	0.103	0.115	0.0555	0.0106
		1310	13.9	87.2	3.6	163	10.3	78.	48.5	107.2	0.113	0.125	0.0610	0.0115
		1320	13.6	89.7	4.0	162	10.5	87.	54.5	137.5	0.125	0.140	0.0750	0.0159
		1330	13.1	94.0	4.0	162	10.6	123.	70.9	206.5	0.163	0.170	0.0980	0.0263
		1340	13.1	94.7	3.0	162	10.7	125.	73.7	183.7	0.171	0.180	0.0992	0.0215
		1350	13.4	92.6	3.4	159	10.6	90.	54.4	130.4	0.125	0.138	0.0740	0.0147
		1400	13.6	91.4	4.6	159	10.6	93.	51.0	112.1	0.116	0.130	0.0650	0.0120
		1410	13.4	93.3	3.1	164	10.8	156.	103.5	403.9	0.232	0.246	0.1705	0.0563
79	250	1030	12.3	68.3	4.9	225	7.3	6.	23.6	119.8	0.055	0.061	0.0499	0.0177
		1040	12.3	69.1	4.7	221	7.4	7.	22.0	109.6	0.052	0.058	0.0436	0.0161
		1050	12.3	72.1	4.7	217	7.7	7.	21.3	95.3	0.051	0.058	0.0412	0.0136
		1100	12.5	72.8	4.7	216	7.9	8.	22.7	92.7	0.055	0.061	0.0414	0.0128
		1110	12.5	72.7	5.2	216	7.9	9.	22.6	92.1	0.055	0.061	0.0394	0.0127
		1120	12.5	72.5	5.1	215	7.9	9.	22.1	88.0	0.054	0.060	0.0386	0.0120
		1130	12.7	72.4	4.9	214	7.9	8.	21.2	86.2	0.050	0.058	0.0391	0.0118
		1140	12.8	72.9	5.5	217	8.1	10.	23.2	90.4	0.057	0.063	0.0393	0.0123
		1150	12.9	72.6	5.4	213	8.1	9.	20.5	66.8	0.050	0.058	0.0338	0.0084
		1200	13.0	74.8	4.4	203	8.4	12.	22.1	56.9	0.056	0.062	0.0315	0.0065
		1210	13.0	75.4	3.1	191	8.4	11.	22.0	66.8	0.054	0.062	0.0346	0.0080
		1220	13.1	71.5	4.7	216	8.1	8.	18.9	60.5	0.047	0.052	0.0311	0.0076
		1230	13.2	64.8	5.6	226	7.4	6.	14.4	49.5	0.036	0.040	0.0235	0.0065
		1240	13.2	66.3	5.9	229	7.5	7.	15.5	48.3	0.038	0.043	0.0254	0.0060
		1250	13.1	70.7	5.8	219	7.9	7.	18.1	69.4	0.043	0.050	0.0315	0.0093
		1300	13.1	69.5	6.2	218	7.8	7.	17.2	62.2	0.041	0.048	0.0299	0.0082
		1310	13.5	69.5	5.9	216	8.1	7.	17.6	63.4	0.043	0.049	0.0298	0.0084
		1320	13.4	70.5	6.1	215	8.1	8.	18.3	57.4	0.045	0.051	0.0283	0.0072
		1330	13.0	74.0	7.2	220	8.3	8.	18.2	70.1	0.044	0.051	0.0294	0.0095
		1340	12.8	74.3	6.0	214	8.2	7.	17.5	70.0	0.042	0.049	0.0295	0.0096
		1350	13.0	70.5	5.2	208	7.9	6.	13.7	44.4	0.033	0.039	0.0225	0.0055
		1400	13.1	69.8	5.0	212	7.9	5.	12.1	37.9	0.030	0.034	0.0204	0.0047

PROGRAM A48NRL: AEROSOL/MET DATA TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

YEAR	DAY	TIME	AT	RH	WS (M/S)	WD	WVP (TORR)	NUM (1/CC)	AREA	VOL (UM3/CC)	EXTINCTION (1/KM) 0.55	1.06	3.80	10.6
79	250	1410	13.3	69.0	5.1	212	7.9	4.	10.7	32.3	0.026	0.030	0.0184	0.0038
		1420	13.4	66.5	5.2	213	7.7	5.	10.4	29.6	0.026	0.029	0.0	0.0035
		1430	13.1	65.9	6.1	216	7.4	5.	10.2	30.9	0.025	0.029	0.0	0.0037
		1440	13.1	66.6	6.4	221	7.5	6.	11.4	36.7	0.028	0.031	0.0	0.0046
		1450	13.0	66.9	6.1	217	7.5	5.	10.5	32.0	0.026	0.029	0.0	0.0039
		1500	12.8	69.7	6.1	216	7.7	6.	12.1	41.2	0.029	0.033	0.0	0.0053
		1510	12.9	71.8	5.9	217	8.0	6.	13.7	46.6	0.033	0.038	0.0	0.0059
		1520	12.9	73.8	6.2	218	8.2	6.	15.4	57.1	0.037	0.042	0.0	0.0075
		1530	12.7	76.6	5.9	218	8.4	7.	17.6	69.8	0.042	0.048	0.0	0.0095
		1540	12.6	77.1	6.2	228	8.4	8.	22.5	97.4	0.054	0.060	0.0	0.0137
		1550	12.7	75.6	6.3	229	8.3	6.	20.6	91.3	0.049	0.056	0.0	0.0128
		1600	12.9	75.2	6.1	230	8.4	8.	23.0	100.4	0.056	0.060	0.0	0.0142
		1610	12.7	74.2	6.1	231	8.2	9.	22.8	102.2	0.054	0.060	0.0	0.0146
		1620	12.6	75.5	5.7	227	8.3	7.	25.7	125.9	0.060	0.067	0.0541	0.0183
		1630	12.6	80.5	5.4	220	8.8	9.	29.4	143.5	0.070	0.078	0.0583	0.0209
		1640	12.6	80.7	4.9	218	8.8	10.	32.4	159.3	0.076	0.085	0.0676	0.0233
		1650	12.6	80.5	4.9	216	8.8	10.	31.4	145.7	0.075	0.082	0.0621	0.0211
		1700	12.6	80.7	5.1	220	8.8	8.	32.8	165.9	0.077	0.086	0.0697	0.0242
		1710	12.6	78.3	5.4	223	8.6	10.	35.9	178.1	0.086	0.092	0.0741	0.0261
		1720	12.6	77.2	5.4	224	8.4	9.	34.3	174.4	0.081	0.089	0.0716	0.0258
		1730	12.6	76.2	5.1	229	8.3	10.	41.3	221.8	0.097	0.105	0.0921	0.0332
79	252	1	11.5	70.0	6.5	234	7.1	12.	28.9	113.3	0.	0.	0.	0.0154
		1	11.6	70.1	6.6	234	7.2	12.	30.3	123.4	0.	0.	0.	0.0170
		1	11.5	70.5	6.4	240	7.2	13.	31.2	129.3	0.	0.	0.	0.0180
		1	11.6	69.0	7.2	240	7.1	14.	29.8	118.6	0.	0.	0.	0.0163
		1	11.6	71.6	7.0	241	7.3	14.	33.4	143.6	0.	0.	0.	0.0202
		1	11.6	72.7	7.5	239	7.4	17.	35.0	140.6	0.	0.	0.	0.0194
		1	11.7	74.3	7.3	237	7.7	15.	37.8	157.8	0.	0.	0.	0.0219
		1	11.8	74.5	7.4	233	7.7	17.	37.4	150.7	0.	0.	0.	0.0206
		1	12.0	74.3	7.6	233	7.8	15.	34.6	139.2	0.	0.	0.	0.0189
		1	12.1	74.6	7.9	230	7.9	16.	33.6	124.6	0.	0.	0.	0.0165
		1	12.1	72.1	8.1	240	7.6	15.	32.3	121.1	0.	0.	0.	0.0162
		1	12.2	71.5	8.2	237	7.6	16.	31.2	110.2	0.	0.	0.	0.0142
		1	12.2	71.9	8.4	240	7.7	17.	33.8	121.9	0.	0.	0.	0.0159
		1	12.4	72.3	8.1	240	7.8	18.	35.2	123.1	0.	0.	0.	0.0159
		1	12.3	70.9	9.0	238	7.6	15.	29.9	108.1	0.	0.	0.	0.0139
		1	12.5	71.2	8.6	238	7.7	17.	32.5	113.0	0.	0.	0.	0.0146
		1	12.5	72.0	8.8	238	7.8	20.	34.5	119.0	0.	0.	0.	0.0153
		1	12.3	73.3	8.9	232	7.9	16.	33.0	111.9	0.	0.	0.	0.0143
		1	12.3	72.9	9.1	232	7.8	17.	31.7	113.7	0.	0.	0.	0.0147
		1	12.8	72.6	9.0	227	8.0	20.	33.4	104.4	0.	0.	0.	0.0129

PROGRAM A48NRL: AEROSOL/MET DATA TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

YEAR	DAY	TIME	AT	RH	WS (M/S)	WD	WVP (TORR)	NUM (1/CC)	AREA	VOL (UM3/CC)	EXTINCTION (1/KM) 0.55	1.06	3.80	10.6
79	252	1410	12.9	73.2	9.3	225	8.2	17.	30.3	90.6	0.075	0.084	0.0471	0.0109
		1420	12.7	74.8	9.6	224	8.2	22.	35.7	110.8	0.088	0.097	0.0558	0.0138
		1430	12.5	75.8	9.3	225	8.2	21.	36.6	116.1	0.090	0.101	0.0575	0.0144
		1440	12.8	75.2	10.0	229	8.3	21.	36.9	118.6	0.090	0.102	0.0589	0.0147
		1450	13.0	74.9	10.1	229	8.4	20.	38.0	126.6	0.093	0.105	0.0614	0.0161
		1500	13.0	74.5	10.3	231	8.3	21.	38.1	127.8	0.093	0.104	0.0617	0.0164
		1510	12.9	74.7	10.4	232	8.3	24.	38.2	123.0	0.094	0.104	0.0593	0.0156
		1520	13.0	75.8	10.1	232	8.5	23.	41.5	143.7	0.102	0.112	0.0672	0.0187
		1530	12.8	77.0	10.1	229	8.5	23.	41.4	142.4	0.101	0.113	0.0663	0.0185
		1540	12.8	77.9	9.8	229	8.6	23.	42.5	146.4	0.104	0.117	0.0680	0.0189
		1550	12.9	78.0	10.0	229	8.7	23.	43.2	146.2	0.105	0.119	0.0713	0.0186
		1600	12.8	78.7	10.1	228	8.7	25.	46.4	159.7	0.114	0.127	0.0740	0.0207
79	253	1	12.1	88.1	6.3	247	9.3	23.	125.1	835.8	0.287	0.307	0.2864	0.1316
		1	11.5	94.2	6.1	237	9.6	27.	132.6	887.9	0.303	0.327	0.3060	0.1393
		1	11.6	94.1	6.4	219	9.6	22.	94.4	469.6	0.223	0.243	0.2094	0.0686
		1	11.7	93.6	5.7	220	9.6	21.	97.6	522.0	0.228	0.247	0.2201	0.0781
		1	11.9	92.5	5.6	215	9.6	22.	89.0	442.1	0.210	0.227	0.1973	0.0648
		1	12.0	92.7	6.0	213	9.8	16.	65.3	264.6	0.156	0.173	0.1405	0.0360
		1	12.1	91.6	6.7	217	9.7	13.	53.7	218.7	0.129	0.144	0.1127	0.0296
		1	12.2	92.1	6.7	216	9.8	14.	50.2	191.7	0.121	0.136	0.1033	0.0253
		1	12.2	92.3	7.5	215	9.8	15.	48.5	159.4	0.118	0.134	0.0949	0.0195
		1	12.2	91.8	8.0	216	9.8	13.	42.7	136.8	0.103	0.119	0.0823	0.0165
		1	11.7	95.0	7.2	246	9.8	18.	72.2	396.7	0.169	0.184	0.1579	0.0590
		1	11.7	95.4	6.3	238	9.8	15.	58.9	294.4	0.139	0.153	0.1259	0.0427
		1	12.1	91.1	7.6	221	9.6	12.	40.2	132.8	0.097	0.113	0.0766	0.0163
		1	12.4	91.2	6.8	218	9.8	13.	44.0	144.0	0.107	0.123	0.0833	0.0177
		1	12.5	89.9	7.5	224	9.8	14.	46.9	153.2	0.115	0.132	0.0871	0.0188
		1	12.5	89.2	8.2	227	9.7	17.	55.6	218.5	0.136	0.151	0.1044	0.0293
		1	12.6	89.3	8.2	224	9.7	16.	55.8	216.7	0.135	0.153	0.1080	0.0286
		1	12.7	89.0	8.3	224	9.8	18.	54.9	206.7	0.133	0.149	0.1044	0.0273
		1	12.6	89.6	8.0	227	9.8	17.	56.7	220.1	0.137	0.154	0.1103	0.0291
		1	12.6	89.5	8.6	222	9.8	16.	49.8	177.1	0.122	0.137	0.0912	0.0227
		1	12.5	90.2	8.4	221	9.8	16.	47.4	162.9	0.116	0.130	0.0872	0.0206
		1	12.6	89.4	8.3	218	9.8	17.	42.7	144.0	0.105	0.118	0.0761	0.0181
		1	12.6	89.9	8.2	217	9.8	16.	44.1	150.1	0.108	0.122	0.0809	0.0189
		1	12.6	90.1	7.9	217	9.9	18.	48.6	168.6	0.119	0.134	0.0892	0.0215
		1	12.6	90.9	8.1	208	9.9	19.	50.0	144.9	0.123	0.140	0.0884	0.0167
		1	12.6	91.0	9.2	205	10.0	20.	54.0	151.5	0.133	0.154	0.0961	0.0168
		1	12.7	89.7	9.6	213	9.9	26.	57.2	154.7	0.141	0.163	0.0961	0.0169
		1	12.7	88.0	9.6	215	9.7	24.	51.9	138.8	0.129	0.147	0.0838	0.0153
		1	12.8	88.1	9.8	217	9.7	25.	54.1	164.4	0.133	0.152	0.0918	0.0197

PROGRAM A48NRL: AEROSOL/MET DATA TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

YEAR	DAY	TIME	AT	RH	WS (M/S)	WD	WVP (TORR)	NUM (1/CC)	AREA	VOL (UM3/CC)	EXTINCTION (1/KM) 0.55	1.06	3.80	10.6
79	253	1600	12.7	89.0	9.4	216	9.8	25.	55.8	172.5	0.135	0.157	0.0980	0.0206
		1610	12.7	89.2	9.8	214	9.8	27.	51.6	143.4	0.126	0.146	0.0855	0.0162
		1620	12.7	88.8	10.1	210	9.8	26.	53.1	136.7	0.132	0.151	0.0856	0.0147
		1630	12.7	89.3	10.4	209	9.8	29.	56.6	154.0	0.139	0.161	0.0935	0.0171
79	254	1010	11.8	71.0	9.6	274	7.3	34.	101.6	[illegible]	0.241	0.260	0.2002	0.0
		1020	11.9	68.5	9.8	275	7.2	34.	86.9	[illegible]	0.209	0.222	0.1633	0.0
		1050	12.1	66.1	10.1	280	7.0	46.	179.4	[illegible]	0.427	0.471	0.3527	0.1
		1100	12.1	65.8	8.9	280	7.0	32.	93.5	[illegible]	0.224	0.241	0.1836	0.0
		1110	12.1	64.3	8.7	277	6.8	27.	81.7	[illegible]	0.196	0.211	0.1587	0.0
		1120	12.1	65.2	8.7	274	6.9	30.	93.9	[illegible]	0.224	0.240	0.	0.0
		1130	12.1	67.6	9.1	274	7.2	36.	105.0	[illegible]	0.252	0.269	0.	0.0
		1140	11.8	73.6	10.0	281	7.6	35.	97.5	[illegible]	0.236	0.262	0.	0.0
		1150	11.3	77.3	7.9	287	7.8	34.	99.1	[illegible]	0.241	0.265	0.	0.0
		1200	11.7	72.8	8.3	281	7.5	31.	90.7	[illegible]	0.217	0.239	0.	0.0
		1210	11.9	72.7	8.5	278	7.6	33.	100.6	[illegible]	0.240	0.263	0.	0.0
		1220	11.9	73.3	9.1	276	7.7	33.	98.7	[illegible]	0.236	0.261	0.	0.0669
		1230	11.8	73.3	8.8	277	7.6	32.	95.6	[illegible]	0.231	0.253	0.	0.0619
		1240	11.9	70.5	9.4	278	7.3	28.	76.5	[illegible]	0.185	0.203	0.	0.0498
		1250	11.9	71.9	7.8	277	7.5	24.	76.8	[illegible]	0.184	0.207	0.	0.0492
		1300	12.0	67.6	7.8	275	7.1	27.	71.8	[illegible]	0.175	0.191	0.	0.0437
		1310	12.0	69.1	7.9	272	7.3	27.	83.0	[illegible]	0.201	0.222	0.	0.0510
		1320	12.0	70.3	8.5	272	7.4	35.	91.9	[illegible]	0.224	0.244	0.	0.0540
		1330	12.1	69.9	8.7	272	7.4	27.	79.7	[illegible]	0.192	0.213	0.	0.0497
		1340	12.1	69.1	9.4	269	7.3	29.	75.9	[illegible]	0.184	0.202	0.	0.0464
		1350	12.1	69.7	9.2	276	7.3	27.	65.4	[illegible]	0.161	0.179	0.	0.0314
		1400	12.0	70.3	9.1	276	7.4	27.	66.8	[illegible]	0.163	0.184	0.	0.0310
		1410	12.0	71.3	8.9	269	7.5	30.	77.1	[illegible]	0.189	0.208	0.	0.0412
		1420	11.9	71.8	8.6	266	7.5	29.	75.9	[illegible]	0.187	0.205	0.	0.0413
		1430	11.9	72.3	8.4	267	7.6	29.	77.1	[illegible]	0.187	0.210	0.	0.0426
		1440	12.0	70.9	8.7	270	7.4	31.	77.4	[illegible]	0.189	0.208	0.	0.0414
		1450	11.9	72.6	7.9	263	7.6	27.	70.8	[illegible]	0.174	0.193	0.	0.0375
		1500	12.0	72.6	7.4	270	7.6	25.	72.7	[illegible]	0.177	0.198	0.	0.0412
		1510	11.9	72.2	8.0	271	7.6	28.	68.6	[illegible]	0.168	0.186	0.	0.0356
		1520	11.9	72.8	7.9	268	7.6	30.	73.4	[illegible]	0.181	0.199	0.	0.0372
		1530	11.7	72.3	8.6	277	7.4	26.	61.7	[illegible]	0.151	0.172	0.	0.0266
		1540	11.2	73.7	8.3	283	7.3	24.	55.2	[illegible]	0.137	0.156	0.	0.0226
		1550	11.4	72.6	6.6	273	7.3	25.	63.2	[illegible]	0.155	0.173	0.	0.0348
		1600	11.9	69.1	7.0	271	7.2	28.	65.3	[illegible]	0.161	0.177	0.	0.0320

Appendix B

AEROSOL DISTRIBUTIONS

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

		RADIUS --->	0.15	0.17	0.19	0.22	0.25	0.29	0.33	1.23	2.18	3.12	4.08
79	244	1100	8.10E 02	3.27E 02	2.[illegible] 02	9.06E 01	7. 01	2.84E 01	1. 01	5.58E-01	1.2[illegible]F-01	6.2[illegible]-02	2.51E-02
		1110	1.16E 03	5.55E 02	5.[illegible] 02	1.75E 02	1. 02	3.49E 01	2. 01	1.18E 00	1.[illegible]-01	7.[illegible]-02	2.65E-02
		1120	1.46E 03	6.42E 02	6.[illegible] 02	2.74E 02	1. 02	8.82E 01	6. 01	2.63E 00	1.[illegible]-01	9.4[illegible]-02	2.92E-02
		1130	2.53E 03	8.93E 02	1.[illegible] 03	4.81E 02	3. 02	1.94E 02	1. 02	8.15E 00	3.[illegible]-01	1.[illegible]-01	5.46E-02
		1140	2.47E 03	1.05E 03	1. 03	5.20E 02	3. 02	2.00E 02	1. 02	5.77E 00	3.[illegible]-01	1.[illegible]-01	5.79E-02
		1150	2.31E 03	1.13E 03	1.[illegible] 03	5.27E 02	3. 02	1.94E 02	1. 02	3.46E 00	2.[illegible]-01	1.[illegible]-01	4.43E-02
		1200	2.30E 03	1.21E 03	1.[illegible] 03	5.86E 02	4. 02	1.73E 02	1. 02	4.37E 00	2.[illegible]-01	1.[illegible]-01	5.39E-02
		1210	1.08E 04	1.54E 03	1.[illegible] 03	5.62E 02	3. 02	2.23E 02	1. 02	9.90E 00	4.[illegible]-01	3.[illegible]-01	1.48E-01
		1220	6.52E 03	9.48E 02	9.[illegible] 02	4.84E 02	2. 02	2.09E 02	1. 02	1.11E 01	4.[illegible]-01	2.[illegible]-01	1.23E-01
		1230	2.23E 03	6.83E 02	9.[illegible] 02	4.46E 02	2. 02	1.86E 02	1. 02	9.36E 00	3.[illegible]-01	2.[illegible]-01	7.28E-02
		1240	1.60E 03	7.43E 02	8.[illegible] 02	3.97E 02	3. 02	1.82E 02	1. 02	6.23E 00	2.[illegible]-01	1.[illegible]-01	5.42E-02
		1250	1.40E 03	6.57E 02	8.[illegible] 02	4.63E 02	2. 02	1.68E 02	1. 02	5.98E 00	3.[illegible]-01	1.[illegible]-01	6.14E-02
		1300	1.15E 03	6.33E 02	8.[illegible] 02	3.19E 02	2. 02	1.23E 02	7. 01	2.78E 00	2.[illegible]-01	1.[illegible]-01	4.83E-02
		1310	1.04E 03	4.69E 02	5.[illegible] 02	2.19E 02	1. 02	8.79E 01	4. 01	1.97E 00	2.[illegible]-01	1.[illegible]-01	4.24E-02
		1320	6.42E 02	3.09E 02	3.[illegible] 02	1.05E 02	5. 01	3.59E 01	1. 01	1.33E 00	2.[illegible]-01	1.[illegible]-01	3.87E-02
		1330	5.70E 02	3.00E 02	2.[illegible] 02	1.10E 02	5. 01	3.79E 01	1. 01	1.14E 00	1.[illegible]-01	1.[illegible]-01	3.80E-02
		1340	5.03E 02	2.24E 02	2.[illegible] 02	6.34E 01	4. 01	2.99E 01	1. 01	9.18E-01	1.[illegible]-01	7.[illegible]-02	2.84E-02
		1350	4.85E 02	2.20E 02	2.[illegible] 02	6.43E 01	3. 01	1.36E 01	6. 00	1.09E 00	1.[illegible]-01	9.[illegible]-02	3.37E-02
		1400	4.75E 02	2.05E 02	1.[illegible] 02	8.34E 01	5. 01	2.09E 01	1. 01	1.02E 00	1.[illegible]-01	7.23E-02	2.71E-02
		1410	4.65E 02	2.33E 02	2.[illegible] 02	6.98E 01	3. 01	1.52E 01	8. 00	1.18E 00	2.[illegible]-01	1.[illegible]-01	3.68E-02
		1420	4.71E 02	2.55E 02	2.[illegible] 02	7.43E 01	5. 01	2.54E 01	1. 01	9.74E-01	1.[illegible]-01	7.[illegible]-02	2.81E-02
		1430	5.21E 02	2.78E 02	2.[illegible] 02	1.07E 02	3. 01	2.27E 01	1. 01	9.46E-01	1.[illegible]-01	6.[illegible]-02	2.29E-02
		1440	7.10E 02	3.31E 02	2.[illegible] 02	8.88E 01	4. 01	2.24E 01	1. 01	7.69E-01	1.[illegible]-01	4.[illegible]-02	1.63E-02
		1450	7.44E 02	4.69E 02	3.[illegible] 02	1.21E 02	7. 01	4.55E 01	2. 01	8.42E-01	1.[illegible]-01	4.[illegible]-02	1.15E-02
		1500	8.53E 02	4.00E 02	4.[illegible] 02	1.50E 02	9. 01	5.68E 01	1. 01	9.83E-01	1.[illegible]-01	5.[illegible]-02	1.88E-02
		1510	8.53E 02	4.40E 02	4.[illegible] 02	1.30E 02	8. 01	3.64E 01	2. 01	8.39E-01	1.[illegible]-01	3.[illegible]-02	1.35E-02
		1520	8.57E 02	3.94E 02	4.[illegible] 02	1.21E 02	7. 01	4.64E 01	3. 01	8.58E-01	1.[illegible]-01	4.[illegible]-02	1.44E-02
		1530	5.09E 02	2.23E 02	2.[illegible] 02	1.07E 02	4. 01	2.12E 01	2. 01	6.61E-01	8.[illegible]-02	3.[illegible]-02	1.10E-02
		1540	1.25E 03	6.74E 02	6.[illegible] 02	2.66E 02	1. 02	1.06E 02	6. 01	2.20E 00	5.[illegible]-02	1.[illegible]-02	3.72E-03
		1550	1.62E 03	8.93E 02	8.[illegible] 02	4.35E 02	2. 02	1.21E 02	7. 01	2.80E 00	3.[illegible]-02	2.[illegible]-03	4.30E-04
		1600	1.88E 03	9.26E 02	1. 03	4.55E 02	2. 02	1.60E 02	7.[illegible] 01	2.63E 00	1.[illegible]-02	2.[illegible]-03	0.00E-01
		1610	1.61E 03	9.57E 02	1. 03	4.74E 02	3. 02	1.99E 02	1. 02	1.93E 00	3.[illegible]-02	3.[illegible]-03	5.01E-04
		1620	1.82E 03	1.06E 03	1.[illegible] 03	5.49E 02	4. 02	2.30E 02	1. 02	1.89E 00	5.[illegible]-02	8.[illegible]-03	1.15E-03
		1630	1.86E 03	1.13E 03	1. 03	6.88E 02	4. 02	2.21E 02	1. 02	1.54E 00	7.[illegible]-02	1.[illegible]-02	1.58E-03
		1640	2.23E 03	1.26E 03	1. 03	8.36E 02	5. 02	2.75E 02	1. 02	2.18E 00	8.[illegible]-02	1.[illegible]-02	1.65E-03
		1650	1.83E 03	1.22E 03	1. 03	5.97E 02	4. 02	2.00E 02	8. 01	1.33E 00	4.[illegible]-02	8.[illegible]-03	1.07E-03
		1700	1.59E 03	1.00E 03	1. 03	5.15E 02	2. 02	1.24E 02	6. 01	7.88E-01	3.[illegible]-02	6.[illegible]-03	8.59E-04
79	245	1100	1.53E 02	2.85E 01	2.78E 01	7.30E 00	6.88E 00	6.02E 00	8.03E 00	2.58E 00	3.43E-01	8.16E-02	1.70E-02
		1110	1.65E 02	4.75E 01	4.86E 01	2.19E 01	3.10E 01	2.56E 01	1.07E 01	3.32E 00	5.44E-01	1.58E-01	3.57E-02
		1120	1.24E 02	4.75E 01	3.94E 01	1.28E 01	1.38E 01	1.20E 01	6.69E 00	3.30E 00	5.36E-01	1.54E-01	2.89E-02
		1130	1.16E 02	1.90E 01	3.47E 01	9.12E 00	3.44E 00	3.01E 00	2.68E 00	2.83E 00	4.41E-01	1.24E-01	2.59E-02

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

		RADIUS --->	5.03	5.97	6.93	7.88	8.83	9.78	10.73	11.68	12.63	13.58	14.53
79	244	1100	1.[illegible]-02	4.15E-03	6.87E-03	2.51E-03	2.65E-03	2.51E-03	1.43E-03	1.15E-03	6.44E-04	5.01E-04	2.15E-04
		1110	1.[illegible]-02	5.37E-03	6.44E-03	1.93E-03	4.44E-03	1.65E-03	1.00E-03	8.59E-04	7.16E-04	5.73E-04	2.86E-04
		1120	1.[illegible]-02	4.30E-03	8.23E-03	2.58E-03	3.15E-03	2.08E-03	7.16E-04	1.00E-03	3.58E-04	5.01E-04	6.44E-04
		1130	2.[illegible]-02	1.03E-02	1.25E-02	5.59E-03	4.87E-03	5.01E-03	2.22E-03	2.29E-03	1.72E-03	1.58E-03	1.22E-03
		1140	2.[illegible]-02	1.13E-02	1.64E-02	8.95E-03	4.80E-03	6.73E-03	3.72E-03	2.29E-03	2.58E-03	1.50E-03	1.43E-03
		1150	2.[illegible]-02	8.95E-03	1.08E-02	5.73E-03	4.51E-03	5.23E-03	2.29E-03	1.50E-03	1.00E-03	8.59E-04	7.16E-04
		1200	2.[illegible]-02	1.04E-02	1.40E-02	5.51E-03	4.22E-03	4.65E-03	2.22E-03	1.58E-03	1.43E-03	6.44E-04	7.16E-04
		1210	8.[illegible]-02	7.01E-02	7.23E-02	7.05E-02	5.27E-02	6.20E-02	5.27E-02	5.12E-02	4.93E-02	4.43E-02	4.98E-02
		1220	7.[illegible]-02	6.47E-02	5.78E-02	5.83E-02	4.25E-02	5.49E-02	4.57E-02	4.27E-02	4.43E-02	3.58E-02	3.74E-02
		1230	3.[illegible]-02	2.37E-02	2.26E-02	2.08E-02	1.39E-02	1.82E-02	1.37E-02	1.20E-02	1.10E-02	9.02E-03	9.24E-03
		1240	2.[illegible]-02	1.25E-02	1.35E-02	8.95E-03	5.80E-03	7.88E-03	4.37E-03	2.51E-03	3.15E-03	1.72E-03	2.72E-03
		1250	2.[illegible]-02	1.18E-02	1.58E-02	9.02E-03	6.80E-03	6.87E-03	4.08E-03	4.01E-03	2.15E-03	1.53E-03	1.65E-03
		1300	2.[illegible]-02	1.01E-02	1.27E-02	6.16E-03	5.73E-03	5.37E-03	2.29E-03	2.43E-03	1.58E-03	1.07E-03	6.44E-04
		1310	2.[illegible]-02	9.74E-03	1.03E-02	5.30E-03	4.44E-03	3.87E-03	2.51E-03	1.86E-03	1.15E-03	5.01E-04	3.58E-04
		1320	2.[illegible]-02	8.45E-03	1.32E-02	5.08E-03	6.09E-03	4.87E-03	2.43E-03	1.36E-03	1.15E-03	8.59E-04	6.44E-04
		1330	1.[illegible]-02	8.74E-03	1.07E-02	6.52E-03	6.87E-03	4.58E-03	3.29E-03	2.51E-03	1.15E-03	1.22E-03	7.16E-04
		1340	1.[illegible]-02	6.95E-03	9.45E-03	3.72E-03	4.65E-03	2.22E-03	1.93E-03	1.07E-03	8.59E-04	7.88E-04	5.01E-04
		1350	1.[illegible]-02	9.09E-03	1.27E-02	4.73E-03	7.02E-03	3.58E-03	3.65E-03	2.22E-03	8.59E-04	1.43E-03	7.88E-04
		1400	1.[illegible]-02	7.16E-03	7.95E-03	3.51E-03	3.44E-03	2.51E-03	2.22E-03	1.15E-03	7.16E-04	3.58E-04	4.30E-04
		1410	1.[illegible]-02	8.59E-03	1.03E-02	4.22E-03	5.08E-03	3.29E-03	1.79E-03	1.72E-03	7.88E-04	5.01E-04	3.58E-04
		1420	1.[illegible]-02	7.09E-03	7.45E-03	3.22E-03	3.08E-03	2.29E-03	2.29E-03	1.58E-03	4.30E-04	7.88E-04	4.30E-04
		1430	1.[illegible]-02	5.44E-03	6.30E-03	2.94E-03	4.44E-03	1.93E-03	1.07E-03	7.88E-04	4.30E-04	5.73E-04	7.16E-05
		1440	8.[illegible]-03	5.08E-03	4.73E-03	3.15E-03	2.29E-03	1.58E-03	1.22E-03	7.16E-04	7.88E-04	2.15E-04	7.16E-05
		1450	7.[illegible]-03	4.94E-03	3.94E-03	1.86E-03	2.08E-03	1.15E-03	2.15E-04	3.58E-04	1.43E-04	4.30E-04	7.16E-05
		1500	1.[illegible]-02	5.80E-03	4.65E-03	1.79E-03	3.01E-03	1.00E-03	7.88E-04	2.15E-04	3.58E-04	7.16E-05	7.16E-05
		1510	5.[illegible]-03	5.08E-03	3.87E-03	1.86E-03	1.29E-03	6.44E-04	9.31E-04	3.58E-04	7.16E-05	2.15E-04	2.15E-04
		1520	8.[illegible]-03	6.16E-03	3.51E-03	1.86E-03	1.86E-03	1.22E-03	5.73E-04	2.15E-04	4.30E-04	1.43E-04	7.16E-05
		1530	4.[illegible]-03	4.01E-03	1.50E-03	1.29E-03	5.01E-04	6.44E-04	3.58E-04	4.30E-04	7.16E-05	7.16E-05	0.00E-01
		1540	1.[illegible]-03	9.31E-04	4.30E-04	5.73E-04	1.43E-04	1.43E-04	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01
		1550	1.[illegible]-04	2.86E-04	7.16E-05	0.00E-01	0.00E-01	7.16E-05	0.00E-01	7.16E-05	0.00E-01	0.00E-01	0.00E-01
		1600	7.[illegible]-05	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	7.16E-05	0.00E-01	0.00E-01	0.00E-01	0.00E-01
		1610	0.[illegible]-01	7.16E-05	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01
		1620	1.[illegible]-04	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01
		1630	6.[illegible]-04	2.86E-04	2.15E-04	7.16E-05	7.16E-05	7.16E-05	7.16E-05	0.00E-01	7.16E-05	0.00E-01	7.16E-05
		1640	2.[illegible]-04	1.43E-04	0.00E-01	7.16E-05	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01
		1650	2.[illegible]-04	0.00E-01	1.43E-04	7.16E-05	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01
		1700	1.[illegible]-04	0.00E-01	2.15E-04	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01
79	245	1100	5.87E-03	3.87E-03	1.72E-03	2.22E-03	1.15E-03	9.31E-04	2.86E-04	5.01E-04	2.86E-04	0.00E-01	2.86E-04
		1110	1.44E-02	7.38E-03	4.80E-03	3.08E-03	4.08E-03	1.58E-03	1.15E-03	1.22E-03	5.01E-04	4.30E-04	5.01E-04
		1120	1.24E-02	7.23E-03	5.87E-03	4.01E-03	2.58E-03	1.93E-03	1.29E-03	7.88E-04	2.86E-04	4.30E-04	2.86E-04
		1130	8.95E-03	6.16E-03	3.08E-03	3.01E-03	1.22E-03	1.22E-03	1.50E-03	5.01E-04	1.43E-04	5.01E-04	4.30E-04

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

			RADIUS --->	0.15	0.17	0.19	0.22	0.25	0.29	0.33	1.23	2.18	3.12	4.08
79	245	1140	7.63E 01	3.[illegible] 01	1.16E 01	1.[illegible] 01	3.44E 00	4.52E 00	5.35E 00	2.65E 00	4.33E-01	1.[illegible] -01	2.[illegible] -02
		1150	1.12E 02	5.[illegible] 01	3.24E 01	5. 00	8.60E 00	4.52E 00	8.03E 00	2.56E 00	4.34E-01	1.[illegible] -01	2. -02
		1200	1.53E 02	3.[illegible] 01	1.85E 01	1. 01	6.88E 00	9.03E 00	6.69E 00	2.49E 00	4.11E-01	9.[illegible] -02	1. -02
		1210	9.23E 01	2.[illegible] 01	3.47E 01	5. 00	5.16E 00	3.01E 00	0.00E-01	1.67E 00	2.54E-01	5. -02	1. -02
		1220	1.28E 02	4.[illegible] 01	1.62E 01	1. 01	1.03E 01	4.52E 00	2.68E 00	2.39E 00	3.62E-01	8. -02	1. [illegible]-02
		1230	1.12E 02	4.[illegible] 01	2.78E 01	1. 00	6.88E 00	3.01E 00	4.01E 00	2.32E 00	3.26E-01	7. -02	1. -02
		1240	9.23E 01	3. 01	3.47E 01	1. 01	1.72E 00	4.52E 00	1.34E 00	2.03E 00	2.98E-01	7.[illegible] -02	1. -02
		1250	5.62E 01	2. 01	1.85E 01	1. 01	3.44E 00	4.52E 00	0.00E-01	1.02E 00	1.26E-01	2.[illegible] -02	4. -03
		1300	1.04E 02	3.[illegible] 01	2.32E 01	3. 00	8.60E 00	3.01E 00	0.00E-01	1.56E 00	1.56E-01	3.[illegible] -02	7. -03
		1310	1.24E 02	2. 01	2.78E 01	1. 01	1.03E 01	6.02E 00	1.34E 00	1.71E 00	2.24E-01	5. -02	1. -02
		1320	8.03E 01	2. 01	4.17E 01	9. 00	8.60E 00	6.02E 00	2.68E 00	1.99E 00	3.06E-01	9. -02	2. -02
		1330	1.24E 02	3. 01	4.86E 01	1. 01	1.20E 01	4.52E 00	5.35E 00	2.10E 00	3.07E-01	9. -02	2. -02
		1340	8.43E 01	3.[illegible] 01	6.02E 01	1. 01	3.44E 00	6.02E 00	4.01E 00	1.84E 00	2.78E-01	8. -02	2. -02
		1350	1.16E 02	3.[illegible] 01	3.94E 01	1. 01	1.89E 01	4.52E 00	2.68E 00	1.83E 00	2.88E-01	8.[illegible] -02	2.[illegible] -02
		1400	1.41E 02	4.[illegible] 01	4.63E 01	2. 01	1.72E 01	6.02E 00	2.68E 00	2.12E 00	3.20E-01	1.[illegible] -01	2.[illegible] -02
		1410	8.83E 01	3.[illegible] 01	2.78E 01	7. 00	8.60E 00	6.02E 00	8.03E 00	1.36E 00	1.97E-01	5.[illegible] -02	1. -02
		1420	1.49E 02	7.[illegible] 01	3.71E 01	1. 01	6.88E 00	6.02E 00	0.00E-01	1.86E 00	2.83E-01	7.[illegible] -02	2.[illegible] -02
		1430	1.77E 02	6.[illegible] 01	6.25E 01	2. 01	1.03E 01	6.02E 00	5.35E 00	2.74E 00	4.47E-01	1.[illegible] -01	2. -02
		1440	1.37E 02	6.[illegible] 01	5.10E 01	1. 01	5.16E 00	9.03E 00	4.01E 00	2.72E 00	4.63E-01	1. -01	3. -02
		1450	1.73E 02	5. 01	4.48E 01	2. 01	1.89E 01	9.03E 00	1.34E 00	3.26E 00	5.81E-01	1. -01	3. -02
		1500	1.65E 02	5.[illegible] 01	3.94E 01	2. 01	1.55E 01	1.05E 01	6.69E 00	2.67E 00	4.95E-01	1.[illegible] -01	4. -02
		1510	7.63E 01	2.[illegible] 01	2.78E 01	9. 00	8.60E 00	3.01E 00	6.69E 00	1.64E 00	2.97E-01	9. -02	2. -02
		1520	9.23E 01	2. 01	1.39E 01	1. 01	1.03E 01	4.52E 00	6.69E 00	1.65E 00	3.15E-01	9. -02	2. -02
		1530	1.16E 02	1. 01	3.01E 01	3. 00	8.60E 00	6.02E 00	1.34E 00	1.64E 00	3.28E-01	9.[illegible] -02	2. -02
		1540	7.23E 01	2. 01	2.32E 01	5. 00	5.16E 00	4.52E 00	4.01E 00	1.67E 00	3.51E-01	1.[illegible] -01	2. -02
		1550	8.83E 01	2.[illegible] 01	4.17E 01	5. 00	5.16E 00	9.03E 00	5.35E 00	1.54E 00	3.25E-01	9. -02	2. -02
		1600	1.53E 02	2. 01	3.71E 01	5. 00	5.16E 00	0.00E-01	0.00E-01	1.59E 00	3.22E-01	1.[illegible] -01	2. -02
		1610	1.16E 02	2.[illegible] 01	1.16E 01	5. 00	5.16E 00	9.03E 00	1.34E 00	1.43E 00	3.04E-01	1. -01	2. -02
		1620	1.04E 02	2. 01	3.01E 01	7. 00	3.44E 00	4.52E 00	0.00E-01	1.32E 00	2.66E-01	8. -02	2.[illegible] -02
		1630	9.64E 01	3. 01	2.55E 01	5. 00	1.20E 01	6.02E 00	2.68E 00	1.36E 00	2.69E-01	9. -02	2.61E-02
		1640	1.53E 02	7.[illegible] 01	3.01E 01	1. 01	1.38E 01	4.52E 00	5.35E 00	1.56E 00	3.10E-01	1. -01	3.16E-02
		1650	1.45E 02	3.[illegible] 01	3.47E 01	1. 01	8.60E 00	9.03E 00	2.68E 00	1.73E 00	3.35E-01	1. -01	3.36E-02
		1700	1.73E 02	4. 01	7.18E 01	9. 00	1.03E 01	6.02E 00	5.35E 00	1.96E 00	3.62E-01	1.[illegible] -01	3.84E-02
		1710	1.85E 02	5. 01	2.55E 01	2. 01	8.60E 00	7.53E 00	4.01E 00	1.92E 00	3.59E-01	1.[illegible] -01	3.59E-02
		1720	1.49E 02	5.[illegible] 01	3.94E 01	1. 01	1.72E 01	3.01E 00	1.34E 00	2.05E 00	3.86E-01	1. -01	4.05E-02
		1730	2.13E 02	5. 01	5.10E 01	1. 01	8.60E 00	7.53E 00	1.34E 00	2.09E 00	3.75E-01	1.[illegible] -01	4.01E-02
79	246	1010	2.95E 02	1.16E 02	7.36E 01	3.[illegible] 01	8.55E 00	1.20E 01	2.66E 00	3.78E 00	4.52E-01	1.67E-01	3.69E-02
		1020	4.61E 02	2.27E 02	2.40E 02	8.[illegible] 01	4.33E 01	1.67E 01	1.35E 01	3.59E 00	3.91E-01	1.52E-01	3.17E-02
		1030	4.03E 02	2.24E 02	2.67E 02	7.[illegible] 01	4.27E 01	1.35E 01	1.06E 01	4.61E 00	5.29E-01	2.04E-01	3.96E-02
		1040	3.60E 02	2.04E 02	2.24E 02	9.[illegible] 01	3.98E 01	1.67E 01	5.39E 00	3.59E 00	3.93E-01	1.33E-01	2.66E-02
		1050	3.55E 02	1.79E 02	2.65E 02	9.[illegible] 01	2.91E 01	2.54E 01	1.28E 01	3.69E 00	3.78E-01	1.28E-01	2.28E-02

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

		RADIUS --->	5.03	5.97	6.93	7.88	8.83	9.78	10.73	11.68	12.63	13.58	14.53
79	245	1	8.45E-03	6.-03	4.-03	3.-03	1.93E-03	1.-03	9.-04	7.-04	6.44E-04	1.-04	2.86E-04
		1	8.95E-03	8.-03	3.-03	2.-03	1.79E-03	1.-03	4.-04	2.-04	2.15E-04	5.-04	4.30E-04
		1	7.73E-03	7.-03	3.-03	2.-03	1.93E-03	1.-03	9.-04	1.-03	4.30E-04	5.-04	3.58E-04
		1	4.73E-03	3.-03	1.-03	2.-03	2.01E-03	1.-03	7.-04	4.-04	2.86E-04	4.-04	2.15E-04
		1	7.52E-03	5.-03	2.-03	2.-03	2.22E-03	1.-03	6.-04	6.-04	4.30E-04	1.-04	7.16E-05
		1	6.23E-03	4.-03	2.-03	3.-03	1.00E-03	1.-03	7.-04	5.-04	2.15E-04	2.-04	1.43E-04
		1	7.88E-03	4.-03	2.-03	3.-03	1.50E-03	1.-03	2.-04	5.-04	7.16E-05	2.-04	1.43E-04
		1	1.79E-03	1.-03	1.-03	1.-03	5.73E-04	2.-04	2.-04	0.-01	7.16E-05	7.-05	0.00E-01
		1	3.51E-03	3.-03	1.-03	1.-03	6.44E-04	5.-04	0.-01	7.-05	7.16E-05	2.-04	1.43E-04
		1	5.01E-03	4.-03	2.-03	1.-03	1.22E-03	8.-04	9.-04	2.-04	2.86E-04	1.-04	1.43E-04
		1	1.05E-02	8.-03	4.-03	4.-03	2.79E-03	2.-03	1.-03	7.-04	7.88E-04	8.-04	2.15E-04
		1	1.26E-02	1.-02	4.-03	4.-03	3.15E-03	2.-03	1.-03	7.-04	2.15E-04	2.-04	0.00E-01
		1	1.15E-02	8.-03	5.-03	3.-03	2.29E-03	1.-03	7.-04	5.-04	1.43E-04	7.-05	3.58E-04
		1	1.05E-02	8.-03	4.-03	3.-03	3.29E-03	2.-03	8.-04	7.-04	3.58E-04	4.-04	2.86E-04
		1	1.27E-02	9.-03	4.-03	4.-03	3.37E-03	1.-03	8.-04	1.-03	2.15E-04	4.-04	0.00E-01
		1	7.30E-03	4.-03	2.-03	2.-03	1.15E-03	9.-04	8.-04	4.-04	2.86E-04	7.-05	1.43E-04
		1	8.88E-03	6.-03	2.-03	2.-03	1.86E-03	2.-03	1.-03	2.-04	4.30E-04	1.-04	7.16E-05
		1	1.30E-02	9.-03	5.-03	4.-03	3.65E-03	2.-03	1.-03	3.-04	6.44E-04	3.-04	2.86E-04
		1	1.26E-02	7.-03	5.-03	3.-03	3.87E-03	1.-03	1.-03	9.-04	6.44E-04	3.-04	2.86E-04
		1	1.90E-02	1.-02	7.-03	3.-03	4.37E-03	2.-03	2.-03	8.-04	1.00E-03	8.-04	3.58E-04
		1	1.77E-02	9.-03	7.-03	4.-03	4.94E-03	2.-03	2.-03	1.-03	1.07E-03	1.-03	9.31E-04
		1	1.13E-02	7.-03	4.-03	3.-03	3.22E-03	2.-03	2.-03	1.-03	8.59E-04	1.-04	5.01E-04
		1	1.09E-02	6.-03	4.-03	4.-03	2.58E-03	2.-03	1.-03	7.-04	7.16E-04	5.-04	6.44E-04
		1	1.02E-02	7.-03	4.-03	4.-03	2.36E-03	2.-03	1.-03	1.-03	7.88E-04	4.-04	4.30E-04
		1	1.15E-02	9.-03	4.-03	5.-03	3.51E-03	2.-03	1.-03	7.-04	5.01E-04	4.-04	4.30E-04
		1	1.13E-02	8.-03	4.-03	3.-03	3.01E-03	2.-03	6.-04	1.-03	6.44E-04	5.-04	7.16E-04
		1	1.26E-02	7.-03	4.-03	4.-03	2.86E-03	2.-03	1.-03	1.-03	7.16E-04	2.-04	3.58E-04
		1	1.31E-02	9.-03	4.-03	3.-03	3.58E-03	2.-03	1.-03	1.-03	9.31E-04	2.-04	4.30E-04
		1	1.15E-02	7.-03	2.-03	3.-03	1.79E-03	1.-03	1.-03	3.-04	6.44E-04	2.-04	4.30E-04
		1	1.20E-02	8.-03	5.-03	3.-03	3.01E-03	1.-03	1.-03	6.-04	8.59E-04	3.-04	2.15E-04
		1	1.37E-02	9.-03	6.-03	4.-03	3.58E-03	1.-03	1.-03	1.-03	1.22E-03	5.-04	1.43E-04
		1	1.61E-02	8.-03	6.-03	3.-03	5.23E-03	2.-03	2.-03	1.-03	8.59E-04	1.-03	6.44E-04
		1	1.48E-02	8.-03	7.-03	4.-03	4.37E-03	3.-03	1.-03	2.-03	1.36E-03	9.-04	4.30E-04
		1	1.58E-02	8.-03	8.-03	4.-03	4.22E-03	2.-03	1.-03	1.-03	9.31E-04	7.-04	3.58E-04
		1	1.89E-02	8.-03	8.-03	4.-03	4.22E-03	2.-03	2.-03	1.-03	1.07E-03	1.-03	3.58E-04
		1	1.53E-02	7.-03	7.-03	3.-03	4.65E-03	2.-03	1.-03	1.-03	1.00E-03	7.-04	5.73E-04
79	246	1010	1.47E-02	6.52E-03	6.80E-03	2.79E-03	5.01E-03	2.51E-03	2.15E-03	1.79E-03	1.22E-03	7.-04	7.16E-04
		1020	1.12E-02	5.01E-03	5.44E-03	2.36E-03	3.29E-03	2.36E-03	1.79E-03	1.29E-03	9.31E-04	6.-04	5.01E-04
		1030	1.40E-02	5.08E-03	6.44E-03	2.58E-03	3.80E-03	2.22E-03	1.65E-03	1.22E-03	7.88E-04	7.-04	5.01E-04
		1040	1.25E-02	4.22E-03	3.58E-03	1.93E-03	2.72E-03	1.50E-03	9.31E-04	1.00E-03	5.73E-04	6.-04	7.16E-04
		1050	9.60E-03	3.94E-03	3.72E-03	1.93E-03	2.36E-03	1.07E-03	1.43E-03	7.88E-04	2.15E-04	3.-04	2.86E-04

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

RADIUS --->			0.15	0.17	0.19	0.22	0.25	0.29	0.33	1.23	2.18	3.12	4.08
79	246	1[illegible]	4.24E 02	2.62E 02	2.47E 02	6. 01	5.20E 01	1.06E 01	6.[illegible] 00	3. 00	3.[illegible] -01	1.[illegible] -01	2.11E-02
		1[illegible]	4.79E 02	2.90E 02	2.44E 02	8. 01	5.64E 01	2.09E 01	2.[illegible] 01	3. 00	4.[illegible] -01	1.[illegible] -01	2.59E-02
		1[illegible]	7.32E 02	3.86E 02	3.89E 02	1.[illegible] 02	5.37E 01	2.43E 01	1. 01	3. 00	4.[illegible] -01	1.[illegible] -01	2.51E-02
		1[illegible]	5.46E 02	3.53E 02	2.97E 02	7. 01	3.76E 01	1.65E 01	9.[illegible] 00	3. 00	4.[illegible] -01	1.[illegible] -01	2.78E-02
		1[illegible]	6.26E 02	3.00E 02	3.75E 02	9.[illegible] 01	4.85E 01	2.43E 01	8. 00	3. 00	3.[illegible] -01	1.[illegible] -01	2.23E-02
		1[illegible]	6.70E 02	4.25E 02	3.54E 02	1.[illegible] 02	6.15E 01	2.54E 01	1. 01	2.[illegible] 00	2.[illegible] -01	8.[illegible] -02	1.61E-02
		1[illegible]	6.47E 02	3.77E 02	3.45E 02	1. 02	4.85E 01	3.33E 01	9.[illegible] 00	2.[illegible] 00	3.[illegible] -01	9.[illegible] -02	2.02E-02
		1[illegible]	5.78E 02	3.21E 02	4.14E 02	1.[illegible] 02	5.47E 01	3.44E 01	1.[illegible] 01	3.[illegible] 00	3.[illegible] -01	1.[illegible] -01	2.31E-02
		1[illegible]	5.09E 02	2.90E 02	5.06E 02	2. 02	8.83E 01	4.55E 01	1. 01	3.[illegible] 00	3.[illegible] -01	1. -01	2.24E-02
		1[illegible]	5.54E 02	3.05E 02	5.43E 02	2. 02	8.55E 01	3.14E 01	2.[illegible] 01	2. 00	3. -01	9.[illegible] -02	1.85E-02
		1[illegible]	6.55E 02	4.98E 02	5.22E 02	1. 02	7.62E 01	2.58E 01	1. 01	3.[illegible] 00	3.[illegible] -01	1. -01	2.07E-02
		1[illegible]	7.82E 02	4.00E 02	4.62E 02	1.[illegible] 02	6.50E 01	3.29E 01	1. 01	2.[illegible] 00	3.[illegible] -01	9. -02	2.01E-02
		1[illegible]	7.88E 02	4.88E 02	4.73E 02	1. 02	5.89E 01	3.33E 01	1. 01	3. 00	4. -01	1. -01	2.39E-02
		1[illegible]	8.46E 02	5.10E 02	5.36E 02	1. 02	9.23E 01	5.83E 01	3. 01	3. 00	3. -01	9. -02	1.82E-02
		1[illegible]	1.24E 03	6.09E 02	7.81E 02	3.[illegible] 02	1.92E 02	1.18E 02	6.[illegible] 01	4.[illegible] 00	4.[illegible] -01	1. -01	4.10E-02
		1[illegible]	9.17E 02	4.72E 02	5.61E 02	2.[illegible] 02	1.08E 02	7.33E 01	3. 01	3. 00	3. -01	1. -01	2.36E-02
		1[illegible]	7.28E 02	3.38E 02	3.71E 02	9. 01	6.58E 01	3.33E 01	8. 00	3. 00	3. -01	9. -02	2.07E-02
		1[illegible]	5.70E 02	3.65E 02	3.29E 02	1. 02	3.59E 01	1.35E 01	6. 00	3. 00	3. -01	9.[illegible] -02	1.91E-02
		1[illegible]	4.77E 02	2.94E 02	3.29E 02	9. 01	3.29E 01	1.97E 01	5.[illegible] 00	2.[illegible] 00	3.[illegible] -01	8. -02	1.52E-02
		1[illegible]	4.31E 02	2.77E 02	2.44E 02	6.[illegible] 01	2.73E 01	1.20E 01	3. 00	2. 00	3.[illegible] -01	9. -02	1.67E-02
		1[illegible]	5.09E 02	2.84E 02	2.15E 02	3. 01	2.08E 01	3.03E 00	5. 00	2.[illegible] 00	2. -01	6. -02	1.19E-02
		1[illegible]	5.46E 02	3.31E 02	2.19E 02	6.[illegible] 01	3.42E 01	1.05E 01	1. 01	3. 00	3. -01	1. -01	2.01E-02
		1[illegible]	8.05E 02	4.12E 02	2.81E 02	6.[illegible] 01	3.30E 01	1.31E 01	9. 00	4. 00	6.[illegible] -01	1. -01	3.75E-02
		1[illegible]	8.89E 02	4.44E 02	2.43E 02	5. 01	2.60E 01	7.58E 00	1. 01	4. 00	5. -01	1. -01	2.70E-02
		1[illegible]	9.05E 02	4.38E 02	1.91E 02	5. 01	2.56E 01	1.35E 01	9. 00	3. 00	4. -01	1. -01	2.38E-02
		1[illegible]	7.40E 02	2.78E 02	2.17E 02	3. 01	3.12E 01	7.58E 00	9.[illegible] 00	3. 00	5. -01	1. -01	3.21E-02
		1[illegible]	6.94E 02	2.30E 02	1.93E 02	4.[illegible] 01	2.39E 01	2.24E 01	1. 01	3. 00	3. -01	7. -02	1.74E-02
		1[illegible]	7.44E 02	2.11E 02	1.63E 02	4.[illegible] 01	2.60E 01	1.52E 01	9.[illegible] 00	3. 00	4. -01	1. -01	2.78E-02
		1[illegible]	8.61E 02	2.68E 02	2.05E 02	5. 01	3.08E 01	1.50E 01	1. 01	5. 00	7. -01	2. -01	5.25E-02
		1[illegible]	7.60E 02	2.78E 02	1.63E 02	4. 01	4.50E 01	1.06E 01	1. 01	4. 00	6. -01	1. -01	4.70E-02
		1[illegible]	7.70E 02	3.53E 02	1.79E 02	4. 01	2.91E 01	2.09E 01	1. 01	5.[illegible] 00	7. -01	2. -01	5.07E-02
		1[illegible]	9.62E 02	2.84E 02	2.19E 02	7. 01	2.43E 01	1.67E 01	2. 01	5. 00	6. -01	1. -01	3.52E-02
		1[illegible]	8.02E 02	2.64E 02	2.14E 02	5. 01	3.59E 01	2.39E 01	1. 01	5. 00	6. -01	1. -01	4.43E-02
		1[illegible]	7.48E 02	2.55E 02	1.91E 02	4. 01	3.46E 01	1.36E 01	6. 00	4. 00	5. -01	1. -01	2.53E-02
		1[illegible]	7.46E 02	2.83E 02	2.09E 02	4. 01	3.25E 01	1.79E 01	1. 01	4. 00	5. -01	1. -01	3.04E-02
		1[illegible]	5.78E 02	2.46E 02	1.61E 02	4. 01	1.56E 01	2.12E 01	1. 01	4. 00	5. -01	1. -01	3.41E-02
		1[illegible]	5.74E 02	2.17E 02	1.45E 02	4. 01	2.05E 01	1.20E 01	1. 01	4. 00	6. -01	1. -01	3.61E-02
		1[illegible]	6.75E 02	2.01E 02	1.45E 02	3. 01	1.56E 01	1.36E 01	8. 00	5. 00	7. -01	1. -01	4.51E 02
79	248	1010	1.94E 03	1.03E 03	6.15E 02	1.37E 02	4.88E 01	1.68E 01	9.49E 00	2.67E 00	2.23E-01	3.88E-02	5.44E-03
		1020	1.99E 03	9.35E 02	5.83E 02	1.03E 02	4.08E 01	1.93E 01	1.19E 01	2.53E 00	2.11E-01	3.34E-02	4.80E-03
		1030	2.22E 03	1.09E 03	7.25E 02	1.22E 02	4.88E 01	2.44E 01	1.22E 01	3.07E 00	2.75E-01	4.07E-02	5.66E-03

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

		RADIUS --->	5.03	5.97	6.93	7.88	8.83	9.78	10.73	11.68	12.63	13.58	14.53
79	246	1	6. -03	5. -03	3. -03	2. -03	3.29E-03	1. -03	1. -03	6.44E-04	8. -04	3.58E-04	1.43E-04
		1	9. -03	5. -03	3. -03	2. -03	3.94E-03	1. -03	1. -03	9.31E-04	1. -03	5.01E-04	7.88E-04
		1	1. -02	5. -03	4. -03	2. -03	2.36E-03	2. -03	2. -03	1.65E-03	1. -03	2.86E-04	5.01E-04
		1	1. -02	7. -03	4. -03	2. -03	3.01E-03	1. -03	1. -03	1.07E-03	1. -03	7.16E-04	5.01E-04
		1	9. -03	6. -03	3. -03	2. -03	2.43E-03	2. -03	1. -03	1.22E-03	8. -04	5.73E-04	8.59E-04
		1	6. -03	4. -03	3. -03	2. -03	1.86E-03	1. -03	1. -03	5.73E-04	5. -04	6.44E-04	2.86E-04
		1	6. -03	4. -03	2. -03	2. -03	2.22E-03	1. -03	1. -03	8.59E-04	7. -04	5.01E-04	3.58E-04
		1	1. -02	6. -03	4. -03	2. -03	2.29E-03	1. -03	1. -03	7.88E-04	7. -04	4.30E-04	5.01E-04
		1	9. -03	4. -03	4. -03	2. -03	3.22E-03	2. -03	1. -03	4.30E-04	5. -04	9.31E-04	3.58E-04
		1	1. -02	4. -03	3. -03	2. -03	1.65E-03	1. -03	1. -03	1.15E-03	1. -03	7.88E-04	6.44E-04
		1	7. -03	6. -03	4. -03	2. -03	2.29E-03	1. -03	1. -03	6.44E-04	6. -04	4.30E-04	4.30E-04
		1	6. -03	5. -03	3. -03	2. -03	2.01E-03	1. -03	1. -03	8.59E-04	8. -04	4.30E-04	6.44E-04
		1	1. -02	6. -03	4. -03	3. -03	2.94E-03	1. -03	1. -03	1.36E-03	8. -04	5.01E-04	7.88E-04
		1	9. -03	5. -03	3. -03	3. -03	2.65E-03	2. -03	1. -03	7.88E-04	4. -04	2.86E-04	3.58E-04
		1	1. -02	8. -03	8. -03	5. -03	4.58E-03	4. -03	3. -03	2.01E-03	1. -03	1.72E-03	7.16E-04
		1	1. -02	6. -03	4. -03	3. -03	4.15E-03	2. -03	1. -03	1.86E-03	1. -03	7.88E-04	5.73E-04
		1	8. -03	5. -03	3. -03	3. -03	1.86E-03	1. -03	1. -03	1.29E-03	1. -03	5.01E-04	2.86E-04
		1	7. -03	4. -03	2. -03	2. -03	1.72E-03	1. -03	1. -03	7.88E-04	7. -04	6.44E-04	2.86E-04
		1	5. -03	4. -03	2. -03	2. -03	2.15E-03	1. -03	9. -04	1.00E-03	6. -04	5.01E-04	4.30E-04
		1	6. -03	4. -03	2. -03	1. -03	2.36E-03	1. -03	1. -03	6.44E-04	5. -04	5.01E-04	2.86E-04
		1	7. -03	4. -03	1. -03	2. -03	1.93E-03	1. -03	5. -04	9.31E-04	5. -04	2.15E-04	2.86E-04
		1	7. -03	4. -03	4. -03	2. -03	2.65E-03	1. -03	1. -03	5.73E-04	7. -04	5.73E-04	5.73E-04
		1	1. -02	1. -02	5. -03	6. -03	4.15E-03	2. -03	2. -03	1.00E-03	1. -03	9.31E-04	9.31E-04
		1	1. -02	8. -03	4. -03	4. -03	3.15E-03	2. -03	1. -03	1.15E-03	5. -04	9.31E-04	1.07E-03
		1	8. -03	8. -03	4. -03	4. -03	3.22E-03	3. -03	1. -03	1.65E-03	1. -03	8.59E-04	8.59E-04
		1	1. -02	8. -03	5. -03	6. -03	3.15E-03	2. -03	1. -03	1.43E-03	9. -04	7.16E-04	3.58E-04
		1	5. -03	4. -03	3. -03	3. -03	1.00E-03	9. -04	6. -04	6.44E-04	6. -04	4.30E-04	2.86E-04
		1	7. -03	8. -03	3. -03	3. -03	2.36E-03	1. -03	2. -03	9.31E-04	7. -04	3.58E-04	2.86E-04
		1	1. -02	1. -02	8. -03	9. -03	5.51E-03	4. -03	3. -03	1.29E-03	1. -03	1.07E-03	7.16E-04
		1	1. -02	1. -02	5. -03	5. -03	3.58E-03	3. -03	2. -03	1.72E-03	1. -03	1.07E-03	1.00E-03
		1	2. -02	1. -02	7. -03	9. -03	5.16E-03	5. -03	2. -03	1.29E-03	2. -03	1.93E-03	7.88E-04
		1	1. -02	9. -03	5. -03	5. -03	3.80E-03	3. -03	2. -03	2.29E-03	1. -03	1.07E-03	1.22E-03
		1	1. -02	1. -02	7. -03	7. -03	5.01E-03	3. -03	2. -03	2.51E-03	1. -03	1.36E-03	1.00E-03
		1	1. -02	1. -02	4. -03	5. -03	4.15E-03	4. -03	2. -03	1.65E-03	1. -03	1.22E-03	1.00E-03
		1	1. -02	1. -02	5. -03	6. -03	5.01E-03	3. -03	3. -03	1.72E-03	1. -03	2.01E-03	1.50E-03
		1	1. -02	1. -02	6. -03	7. -03	4.87E-03	4. -03	2. -03	2.01E-03	1. -03	1.58E-03	1.93E-03
		1	1. -02	8. -03	5. -03	6. -03	3.94E-03	4. -03	2. -03	2.51E-03	2. -03	1.43E-03	1.36E-03
		1	1. -02	1. -02	6. -03	8. -03	4.94E-03	3. -03	2. -03	2.22E-03	1. -03	9.31E-04	1.15E-03
79	248	1010	1.93E-03	1.43E-03	3.58E-04	5.73E-04	2.86E-04	2.15E-04	7.16E-05	0.00E-01	0.00E-01	0.00E-01	1.43E-04
		1020	1.50E-03	5.73E-04	2.15E-04	5.73E-04	2.86E-04	1.43E-04	1.43E-04	7.16E-05	7.16E-05	7.16E-05	7.16E-05
		1030	2.29E-03	1.22E-03	5.73E-04	7.88E-04	4.30E-04	4.30E-04	2.86E-04	7.16E-05	0.00E-01	7.16E-05	2.15E-04

PROGRAM A49NRL: AERODSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

RADIUS --->			0.15	0.17	0.19	0.22	0.25	0.29	0.33	1.23	2.18	3.12	4.08
79	248	1040	2. 03	1.35E 03	8. 02	1.57E 02	7.13E 01	1. 01	1. 01	3. 00	3.45E-01	5. -02	8. -03
		1050	2. 03	1.01E 03	7. 02	1.37E 02	6.63E 01	1. 01	8. 00	3. 00	3.03E-01	5. -02	7. -03
		1100	2. 03	1.18E 03	7. 02	1.60E 02	6.28E 01	2. 01	1. 01	3. 00	3.36E-01	5. -02	9. -03
		1110	2. 03	1.16E 03	8. 02	1.63E 02	7.67E 01	2. 01	1. 01	3. 00	3.48E-01	6. -02	8. -03
		1120	2. 03	1.44E 03	9. 02	1.71E 02	8.32E 01	5. 01	1. 01	3. 00	3.76E-01	7. -02	1. -02
		1130	2. 03	1.28E 03	9. 02	2.20E 02	8.72E 01	2. 01	1. 01	3. 00	3.61E-01	7. -02	1. -02
		1140	2. 03	1.36E 03	1. 03	2.40E 02	1.00E 02	3. 01	1. 01	3. 00	3.49E-01	7. -02	8. -03
		1150	3. 03	1.63E 03	1. 03	2.77E 02	1.05E 02	5. 01	1. 01	3. 00	3.68E-01	7. -02	1. 02
		1200	3. 03	1.91E 03	1. 03	2.56E 02	1.15E 02	4. 01	2. 01	3. 00	3.47E-01	6. -02	9. -03
		1210	3. 03	2.33E 03	1. 03	3.85E 02	1.53E 02	4. 01	2. 01	3. 00	3.51E-01	7. -02	9. -03
		1220	4. 03	2.58E 03	2. 03	4.03E 02	1.61E 02	7. 01	3. 01	3. 00	3.66E-01	8. -02	1. -02
		1230	4. 03	3.04E 03	2. 03	6.99E 02	2.39E 02	8. 01	3. 01	3. 00	3.72E-01	8. -02	1. -02
		1240	4. 03	3.21E 03	3. 03	7.62E 02	3.01E 02	1. 02	5. 01	3. 00	3.55E-01	7. -02	9. -03
		1250	4. 03	2.94E 03	2. 03	6.83E 02	3.23E 02	1. 02	5. 01	3. 00	3.46E-01	7. -02	1. -02
		1300	4. 03	2.48E 03	2. 03	8.10E 02	3.91E 02	1. 02	8. 01	3. 00	3.64E-01	8. -02	1. 02
		1310	3. 03	2.36E 03	2. 03	9.06E 02	4.73E 02	1. 02	1. 02	3. 00	3.47E-01	7. -02	1. -02
		1320	3. 03	2.21E 03	2. 03	7.85E 02	4.55E 02	2. 02	1. 02	3. 00	3.35E-01	7. -02	9. -03
		1330	2. 03	1.99E 03	1. 03	5.25E 02	2.74E 02	1. 02	7. 01	4. 00	3.69E-01	7. -02	1. -02
		1340	2. 03	1.73E 03	1. 03	4.36E 02	2.38E 02	8. 01	5. 01	4. 00	4.52E-01	8. -02	1. -02
		1350	2. 03	1.54E 03	1. 03	5.29E 02	2.81E 02	1. 02	5. 01	5. 00	4.91E-01	1. -01	1. -02
		1400	2. 03	1.45E 03	1. 03	6.41E 02	3.50E 02	1. 02	7. 01	5. 00	4.77E-01	1. -01	1. -02
		1410	2. 03	1.40E 03	1. 03	4.94E 02	3.26E 02	1. 02	8. 01	4. 00	4.31E-01	8. -02	1.1 -02
		1420	2. 03	1.79E 03	2. 03	8.95E 02	5.06E 02	2. 02	1. 02	4. 00	4.13E-01	7. -02	1. -02
		1430	3. 03	1.89E 03	2. 03	9.32E 02	5.48E 02	2. 02	1. 02	4. 00	4.39E-01	8. -02	1. -02
		1440	2. 03	1.46E 03	1. 03	5.24E 02	2.95E 02	1. 02	6. 01	5. 00	4.65E-01	9. -02	1. -02
		1450	1. 03	1.10E 03	1. 03	3.72E 02	1.80E 02	7. 01	4. 01	5. 00	4.64E-01	9. -02	1. -02
		1500	2. 03	9.98E 02	1. 03	4.09E 02	2.07E 02	1. 02	4. 01	4. 00	4.08E-01	8. -02	1. -02
		1510	2. 03	1.29E 03	1. 03	5.22E 02	2.84E 02	1. 02	6. 01	4. 00	3.48E-01	6. -02	1. -02
		1520	2. 03	1.21E 03	1. 03	4.75E 02	2.65E 02	1. 02	6. 01	4. 00	3.40E-01	5. -02	1. -02
		1530	1. 03	1.14E 03	1. 03	4.01E 02	1.88E 02	8. 01	3. 01	4. 00	3.82E-01	7. -02	1. -02
		1540	2. 03	1.19E 03	1. 03	3.94E 02	2.17E 02	8. 01	3. 01	4. 00	4.36E-01	8. -02	1. -02
		1550	2. 03	1.69E 03	1. 03	4.66E 02	2.65E 02	1. 02	5. 01	4. 00	4.58E-01	9. -02	1. -02
		1600	3. 03	1.72E 03	1. 03	5.53E 02	2.29E 02	9. 01	4. 01	4. 00	3.95E-01	7. -02	1. -02
		1610	2. 03	1.60E 03	1. 03	4.49E 02	2.49E 02	9. 01	4. 01	4. 00	4.17E-01	8. -02	1. -02
		1620	2. 03	1.62E 03	1. 03	5.01E 02	2.24E 02	1. 02	5. 01	4. 00	4.26E-01	9. -02	1. -02
		1630	3. 03	1.70E 03	1. 03	5.75E 02	2.88E 02	1. 02	7. 01	4. 00	3.88E-01	8. -02	1. -02
		1640	2. 03	1.63E 03	1. 03	5.67E 02	3.45E 02	1. 02	6. 01	4. 00	4.03E-01	9. -02	1. -02
		1650	2. 03	1.80E 03	1. 03	5.79E 02	3.45E 02	1. 02	7. 01	4. 00	3.78E-01	7. -02	1. -02
		1700	3. 03	2.00E 03	1. 03	5.26E 02	2.73E 02	1. 02	8. 01	4. 00	3.68E-01	7. -02	1. -02
79	249	1050	1.95E 03	9.23E 02	6.49E 02	1.64E 02	9.51E 01	5.05E 01	2.11E 01	5.25E 00	5.41E-01	1.63E-01	2.64E-02
		1100	1.83E 03	8.45E 02	6.53E 02	1.65E 02	8.55E 01	3.81E 01	3.80E 01	5.36E 00	6.30E-01	1.66E-01	2.90E-02

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

		RADIUS --->	5.03	5.97	6.93	7.88	8.83	9.78	10.73	11.68	12.63	13.58	14.53
79	248	1040	2. -03	2. -03	9. -04	5.[illegible]-04	1.[illegible]-03	5. -04	2.[illegible]-04	7.[illegible]-05	1.[illegible]-04	0.00E-01	1.43E-04
		1050	1. -03	2. -03	1. -03	8.[illegible]-04	4.[illegible]-04	5. -04	2. -04	2.[illegible]-04	1.[illegible]-04	7.16E-05	1.43E-04
		1100	2. -03	1. -03	1. -03	5.[illegible]-04	9.[illegible]-04	5. -04	7. -05	2.[illegible]-04	2.[illegible]-04	7.16E-05	7.16E-05
		1110	3. -03	2. -03	1. -03	5.[illegible]-04	1.[illegible]-03	4. -04	5.[illegible]-04	1.[illegible]-04	1.[illegible]-04	7.16E-05	1.43E-04
		1120	3. -03	1.[illegible]-03	1. -03	1.[illegible]E-03	1.[illegible]E-03	7. -04	5.[illegible]-04	1.[illegible]-04	1.[illegible]-04	1.43E-04	2.15E-04
		1130	3.[illegible]-03	2. -03	1. -03	1.[illegible]E-03	9.[illegible]E-04	7. -04	6.[illegible]-04	2.[illegible]F-04	6.[illegible]F-04	3.58E-04	1.43E-04
		1140	3. -03	2. -03	1.[illegible]-03	1.[illegible]-03	7.[illegible]-04	7. -04	7. -04	5.[illegible]-04	3.[illegible]-04	1.43E-04	7.16E-05
		1150	3. -03	2. -03	1. -03	1.[illegible]-03	1.[illegible]-03	8. -04	3.[illegible]-04	5.[illegible]-04	3.[illegible]-04	7.16E-05	2.15E-04
		1200	3. -03	2. -03	1. -03	1.[illegible]E-03	1.[illegible]E-03	9. -04	5.[illegible]-04	2.[illegible]-04	2.[illegible]-04	7.16E-05	2.15E-04
		1210	4.[illegible]-03	1. -03	1. -03	9.[illegible]E-04	7.[illegible]E-04	4. -04	5.[illegible]-04	6.[illegible]E-04	8.[illegible]E-04	1.43E-04	2.15E-04
		1220	4. -03	3. -03	1. -03	1.[illegible]-03	1.[illegible]-03	1. -03	6.[illegible]-04	5.[illegible]-04	3.[illegible]E-04	2.15E-04	1.43E-04
		1230	4. -03	2. -03	1. -03	1.[illegible]-03	1.[illegible]-03	4. -04	5.[illegible]-04	1.[illegible]-03	1.[illegible]-04	1.43E-04	2.15E-04
		1240	4. -03	1. -03	1. -03	1.[illegible]-03	8.[illegible]E-04	3. -04	2. -04	1.[illegible]-04	3.[illegible]-04	1.43E-04	7.16E-05
		1250	4.[illegible]-03	2. -03	1. -03	3.[illegible]E-04	8.[illegible]E-04	8. -04	4.[illegible]-04	3.[illegible]F-04	1.[illegible]E-04	1.43E-04	2.86E-04
		1300	4. -03	2.[illegible]-03	1. -03	7.[illegible]E-04	8.[illegible]E-04	6. -04	6.[illegible]-04	3.[illegible]F-04	1.[illegible]E-04	1.43E-04	0.00E-01
		1310	4. -03	2. -03	1. -03	1.[illegible]E-03	7.[illegible]E-04	6. -04	3.[illegible]-04	2.[illegible]-04	1.[illegible]F-04	1.43E-04	1.43E-04
		1320	3. -03	1. -03	8. -04	1.[illegible]E-03	5.[illegible]E-04	2. -04	2.[illegible]-04	2.[illegible]-04	2.[illegible]-04	0.00E-01	2.15E-04
		1330	4. -03	2.[illegible]-03	1. -03	1.[illegible]E-03	2.[illegible]E-04	5. -04	4.[illegible]-04	2.[illegible]E-04	7.[illegible]E-05	7.16E-05	1.43E-04
		1340	5.[illegible]-03	3.[illegible]-03	1. -03	9.[illegible]F-04	1.[illegible]E-03	1. -03	5.[illegible]-04	2.[illegible]E-04	2.[illegible]-04	1.43E-04	1.43E-04
		1350	6. -03	3. -03	2. -03	2.[illegible]-03	1.[illegible]E-03	7. -04	6.[illegible]-04	3.[illegible]-04	2.[illegible]-04	7.16E-05	7.16E-05
		1400	4. -03	3. -03	2. -03	1.[illegible]-03	1.[illegible]-03	8. -04	4. -04	9.[illegible]-04	2.[illegible]-04	1.43E-04	3.58E-04
		1410	4.[illegible]-03	3. -03	1. -03	1.[illegible]E-03	8.[illegible]E-04	5. -04	4. -04	3.[illegible]E-04	2.[illegible]E-04	2.86E-04	2.15E-04
		1420	3. -03	2.[illegible]-03	1. -03	1.[illegible]F-03	1.[illegible]E-03	7. -04	7. -04	5.[illegible]F-04	6.[illegible]F-04	1.43E-04	1.43E-04
		1430	4. -03	2.[illegible]-03	1. -03	7.[illegible]E-04	1.[illegible]E-03	1. -03	5. -04	4.[illegible]E-04	2.[illegible]-04	2.15E-04	7.16E-05
		1440	5. -03	3. -03	3. -03	1.[illegible]F-03	9.[illegible]F-04	1. -03	5. -04	7.[illegible]E-04	5.[illegible]E-04	1.43E-04	0.00E-01
		1450	5.[illegible]-03	2.[illegible]-03	1.[illegible]-03	1.[illegible]E-03	1.[illegible]E-03	8. -04	2. -04	7.[illegible]E-04	1.[illegible]F-04	2.86E-04	1.43E-04
		1500	4. -03	2.[illegible]-03	1. -03	1.[illegible]E-03	1.[illegible]E-03	5. -04	7. -04	1.[illegible]-04	4.[illegible]-04	4.30E-04	7.16E-05
		1510	4. -03	2. -03	1. -03	1.[illegible]E-03	1.[illegible]E-03	9. -04	5. -04	5.[illegible]-04	1.[illegible]F-04	2.15E-04	2.86E-04
		1520	3. -03	2. -03	1. -03	1.[illegible]-03	7.[illegible]E-04	1. -03	5. -04	5.[illegible]-04	2.[illegible]E-04	4.30E-04	2.86E-04
		1530	4. -03	3.[illegible]-03	2. -03	2.[illegible]E-03	1.[illegible]-03	7. -04	5. -04	4.[illegible]E-04	3.[illegible]F-04	6.44E-04	2.15E-04
		1540	5. -03	3. -03	2.[illegible]-03	2.[illegible]-03	1.[illegible]-03	1. -03	7. -04	3.[illegible]E-04	5.[illegible]F-04	5.01E-04	4.30E-04
		1550	5. -03	4. -03	2. -03	1.[illegible]-03	2.[illegible]-03	7. -04	1. -03	8.[illegible]-04	5.[illegible]-04	3.58E-04	5.01E-04
		1600	4. -03	2. -03	2. -03	2.[illegible]-03	1.[illegible]-03	1. -03	1. -03	6.[illegible]F-04	2.[illegible]-04	7.16E-05	4.30E-04
		1610	5. -03	4. -03	2. -03	1.[illegible]F-03	1.[illegible]E-03	1. -03	1. -03	5.[illegible]-04	3.[illegible]-04	3.58E-04	7.16E-05
		1620	5. -03	4. -03	3. -03	1.[illegible]-03	1.[illegible]E-03	1. -03	9. -04	7.[illegible]-04	4.[illegible]-04	4.30E-04	3.58E-04
		1630	4. -03	3. -03	2. -03	2.[illegible]-03	1.[illegible]-03	1. -03	6. -04	5.[illegible]-04	5.[illegible]-04	2.15E-04	2.15E-04
		1640	6. -03	3. -03	2. -03	2.[illegible]F-03	1.[illegible]F-03	1. -03	1. -03	5.[illegible]-04	4.[illegible]-04	5.01E-04	7.16E-05
		1650	4. -03	3. -03	2. -03	1.[illegible]-03	7.[illegible]E-04	9. -04	6. -04	8.[illegible]-04	7.[illegible]-04	2.86E-04	2.86E-04
		1700	4. -03	3. -03	1. -03	2.[illegible]-03	2.[illegible]-03	1. -03	9. -04	5.[illegible]-04	3.[illegible]-04	2.15E-04	1.43E-04
79	249	1050	8.81E-03	3.51E-03	2.79E-03	1.43E-03	1.36E-03	7.88E-04	1.07E-03	5.73E-04	3.58E-04	1.43E-04	2.15E-04
		1100	9.81E-03	4.30E-03	4.30E-03	2.08E-03	1.93E-03	7.88E-04	1.00E-03	5.73E-04	2.86E-04	2.86E-04	2.15E-04

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

RADIUS --->			0.15	0.17	0.19	0.22	0.25	0.29	0.33	1.23	2.18	3.12	4.08
79	249	1110	1.92E 03	8.16E 02	4.96E 02	1.51E 02	5.77E 01	2.97E 01	1.32E 01	4.56E 00	4.94E-01	1.03E-01	1.41E-02
		1120	4.34E 03	1.80E 03	1.12E 03	2.92E 02	1.20E 02	5.19E 01	3.66E 01	5.21E 00	5.20E-01	9.39E-02	1.55E-02
		1130	1.64E 03	6.66E 02	4.14E 02	7.20E 01	4.41E 01	2.23E 01	9.24E 00	4.24E 00	4.77E-01	9.15E-02	1.77E-02
		1140	1.56E 03	7.39E 02	5.02E 02	1.09E 02	5.23E 01	1.53E 01	1.49E 01	4.08E 00	4.55E-01	9.52E-02	1.71E-02
		1150	1.27E 03	4.63E 02	3.66E 02	7.02E 01	3.40E 01	1.63E 01	1.32E 01	3.82E 00	4.13E-01	7.68E-02	1.42E-02
		1200	1.28E 03	4.72E 02	2.89E 02	8.32E 01	4.01E 01	1.83E 01	1.76E 01	3.75E 00	3.84E-01	7.37E-02	1.15E-02
		1210	1.19E 03	4.57E 02	3.36E 02	6.30E 01	5.09E 01	1.63E 01	9.24E 00	3.98E 00	4.09E-01	8.16E-02	1.26E-02
		1220	1.12E 03	3.98E 02	2.58E 02	6.10E 01	2.79E 01	1.98E 01	4.07E 00	3.83E 00	3.91E-01	7.02E-02	1.20E-02
		1230	1.34E 03	4.47E 02	3.86E 02	1.01E 02	4.92E 01	1.78E 01	6.60E 00	4.11E 00	4.00E-01	7.65E-02	1.11E-02
		1240	1.33E 03	4.98E 02	3.24E 02	9.06E 01	3.84E 01	1.98E 01	1.90E 01	3.85E 00	3.58E-01	6.47E-02	8.45E-03
		1250	1.55E 03	6.32E 02	4.59E 02	1.46E 02	5.94E 01	1.78E 01	3.04E 01	4.10E 00	4.02E-01	8.13E-02	1.30E-02
		1300	1.99E 03	9.28E 02	5.31E 02	1.41E 02	6.63E 01	3.97E 01	1.76E 01	4.53E 00	4.81E-01	1.02E-01	1.65E-02
		1310	1.81E 03	8.16E 02	6.10E 02	1.24E 02	6.62E 01	2.97E 01	2.38E 01	4.85E 00	5.28E-01	1.19E-01	1.79E-02
		1320	1.98E 03	9.96E 02	6.88E 02	1.57E 02	8.20E 01	4.43E 01	1.36E 01	5.35E 00	6.09E-01	1.62E-01	2.29E-02
		1330	2.50E 03	1.24E 03	1.05E 03	3.06E 02	1.36E 02	6.98E 01	4.09E 01	5.65E 00	6.44E-01	2.44E-01	3.70E-02
		1340	2.39E 03	1.15E 03	1.20E 03	3.03E 02	1.29E 02	4.88E 01	4.75E 01	6.18E 00	7.56E-01	2.53E-01	3.28E-02
		1350	1.93E 03	1.04E 03	7.70E 02	1.58E 02	9.00E 01	3.12E 01	1.85E 01	5.22E 00	5.74E-01	1.79E-01	2.49E-02
		1400	2.27E 03	1.08E 03	7.49E 02	1.31E 02	6.63E 01	3.51E 01	1.76E 01	5.13E 00	5.25E-01	1.46E-01	1.85E-02
		1410	3.43E 03	1.65E 03	1.34E 03	3.69E 02	1.55E 02	7.43E 01	3.04E 01	7.13E 00	1.04E 00	4.15E-01	8.13E-02
79	250	1030	1. 02	1.88E 01	2.[illegible] 01	7. 00	6. 00	8.91E 00	1. 00	1.56E 00	3.12E-01	9.44E-02	3.26E-02
		1040	1. 02	3.21E 01	2.[illegible] 01	9. 00	1. 01	6.10E 00	2. 00	1.58E 00	2.72E-01	7.90E-02	2.44E-02
		1050	8. 01	4.38E 01	2.[illegible] 01	9. 00	1. 01	2.97E 00	1. 00	1.80E 00	2.81E-01	7.62E-02	2.13E-02
		1100	7. 01	3.21E 01	3.[illegible] 01	1. 01	1. 01	6.10E 00	5. 00	1.91E 00	3.13E-01	7.76E-02	1.95E-02
		1110	1. 02	3.44E 01	2.[illegible] 01	1. 01	8. 00	8.91E 00	7. 00	1.90E 00	2.95E-01	6.98E-02	1.64E-02
		1120	1. 02	3.85E 01	3.[illegible] 01	1. 01	3. 00	7.63E 00	6. 00	1.91E 00	2.90E-01	7.15E-02	1.61E-02
		1130	1. 02	3.44E 01	3.[illegible] 01	1. 01	1. 01	5.94E 00	1. 00	1.95E 00	2.94E-01	7.05E-02	2.02E-02
		1140	1. 02	3.53E 01	2.[illegible] 01	1. 01	1. 01	6.10E 00	9. 00	2.03E 00	3.08E-01	6.71E-02	1.60E-02
		1150	1. 02	4.69E 01	2.[illegible] 01	1. 01	1. 01	7.43E 00	3. 00	2.11E 00	3.05E-01	5.66E-02	1.24E-02
		1200	1. 02	4.18E 01	4.[illegible] 01	1. 01	1. 01	9.16E 00	1. 01	2.24E 00	3.02E-01	5.29E-02	9.74E-03
		1210	1. 02	5.94E 01	3.[illegible] 01	1. 01	1. 01	8.91E 00	7. 00	2.24E 00	3.32E-01	5.61E-02	1.23E-02
		1220	8. 01	3.53E 01	3.[illegible] 01	7. 00	3. 00	7.63E 00	6. 00	1.83E 00	2.82E-01	5.28E-02	1.27E-02
		1230	7. 01	2.50E 01	2.[illegible] 01	9. 00	6. 00	2.97E 00	6. 00	1.33E 00	1.98E-01	3.87E-02	9.17E-03
		1240	1. 02	3.53E 01	2.[illegible] 01	1. 01	1. 01	3.05E 00	4. 00	1.56E 00	2.27E-01	4.61E-02	9.52E-03
		1250	1. 02	5.00E 01	3.[illegible] 01	5. 00	1. 01	5.94E 00	1. 00	1.80E 00	2.57E-01	5.13E-02	1.26E-02
		1300	1. 02	9.64E 00	2.[illegible] 01	7. 00	1. 01	7.63E 00	1. 00	1.73E 00	2.60E-01	4.78E-02	1.20E-02
		1310	9. 01	2.82E 01	2.[illegible] 01	1. 01	5. 00	7.43E 00	2. 00	1.78E 00	2.49E-01	4.41E-02	1.29E-02
		1320	9. 01	3.53E 01	2.[illegible] 01	1. 01	1. 01	9.16E 00	6. 00	1.88E 00	2.49E-01	4.18E-02	1.01E-02
		1330	1. 02	2.19E 01	2.[illegible] 01	2. 01	8. 00	5.94E 00	2. 00	1.88E 00	2.48E-01	3.83E-02	7.52E-03
		1340	1. 02	4.50E 01	3.[illegible] 01	9. 00	1. 01	4.58E 00	1. 00	1.81E 00	2.39E-01	4.12E-02	9.88E-03
		1350	9. 01	2.19E 01	4.[illegible] 01	7. 00	8. 00	2.97E 00	1. 00	1.49E 00	2.05E-01	3.46E-02	7.52E-03
		1400	8. 01	2.89E 01	2.[illegible] 01	3. 00	3. 00	3.05E 00	2. 00	1.28E 00	1.90E-01	3.64E-02	7.81E-03

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

RADIUS --->			5.03	5.97	6.93	7.88	8.83	9.78	10.73	11.68	12.63	13.58	14.53
79	249	1110	5.59E-03	3.87E-03	1.50E-03	9.31E-04	8.59E-04	5.01E-04	4.30E-04	2.86E-04	7.16E-05	7.16E-05	0.00E-01
		1120	5.87E-03	3.80E-03	1.36E-03	9.31E-04	7.88E-04	2.86E-04	5.73E-04	7.16E-05	2.15E-04	7.16E-05	0.00E-01
		1130	4.80E-03	4.80E-03	2.01E-03	2.15E-03	1.22E-03	1.15E-03	6.44E-04	4.30E-04	8.59E-04	7.16E-05	2.86E-04
		1140	7.09E-03	4.08E-03	2.22E-03	1.58E-03	1.00E-03	5.73E-04	1.15E-03	1.43E-04	2.15E-04	1.43E-04	2.86E-04
		1150	3.44E-03	2.79E-03	1.72E-03	1.29E-03	1.07E-03	1.15E-03	7.88E-04	3.58E-04	2.15E-04	7.16E-05	7.16E-05
		1200	4.30E-03	2.65E-03	1.65E-03	7.88E-04	9.31E-04	1.00E-03	8.59E-04	3.58E-04	1.43E-04	1.43E-04	7.16E-05
		1210	3.94E-03	3.22E-03	1.43E-03	7.88E-04	9.31E-04	4.30E-04	3.58E-04	7.16E-05	3.58E-04	1.43E-04	1.43E-04
		1220	3.94E-03	2.22E-03	1.36E-03	1.07E-03	5.01E-04	3.58E-04	4.30E-04	2.86E-04	1.43E-04	1.43E-04	0.00E-01
		1230	3.80E-03	2.22E-03	2.36E-03	1.36E-03	5.01E-04	1.00E-03	3.58E-04	1.43E-04	7.16E-05	3.58E-04	7.16E-05
		1240	2.79E-03	2.01E-03	1.07E-03	3.58E-04	4.30E-04	2.15E-04	2.15E-04	2.15E-04	3.58E-04	1.43E-04	0.00E-01
		1250	4.37E-03	2.15E-03	1.00E-03	8.59E-04	5.73E-04	2.86E-04	3.58E-04	1.43E-04	7.16E-05	0.00E-01	0.00E-01
		1300	5.73E-03	3.65E-03	1.79E-03	1.72E-03	8.59E-04	7.08E-04	5.01E-04	3.58E-04	7.16E-05	7.16E-05	7.16E-05
		1310	6.23E-03	3.58E-03	2.94E-03	1.43E-03	6.44E-04	1.07E-03	4.30E-04	1.43E-04	2.15E-04	7.16E-05	7.16E-05
		1320	9.38E-03	5.37E-03	4.30E-03	1.65E-03	1.93E-03	1.36E-03	9.31E-04	4.30E-04	3.58E-04	2.15E-04	1.43E-04
		1330	1.31E-02	7.66E-03	6.80E-03	4.51E-03	3.44E-03	2.29E-03	2.29E-03	1.29E-03	7.88E-04	7.88E-04	6.44E-04
		1340	1.23E-02	5.44E-03	6.16E-03	2.51E-03	3.15E-03	1.65E-03	7.16E-04	7.88E-04	3.58E-04	6.44E-04	1.43E-04
		1350	8.74E-03	3.80E-03	3.15E-03	1.36E-03	2.08E-03	9.31E-04	8.59E-04	3.58E-04	2.15E-04	2.86E-04	0.00E-01
		1400	7.16E-03	2.08E-03	2.58E-03	1.15E-03	1.43E-03	5.73E-04	6.44E-04	2.86E-04	7.16E-05	2.15E-04	0.00E-01
		1410	3.26E-02	1.55E-02	1.41E-02	1.01E-02	6.95E-03	6.09E-03	5.44E-03	3.58E-03	2.72E-03	2.22E-03	2.08E-03
79	250	1030	1. -02	9. -03	6.87E-03	5. -03	3. -03	2.15E-03	1.43E-03	3.58E-04	7.16E-04	5.73E-04	2.86E-04
		1040	1. -02	7. -03	5.01E-03	4. -03	2. -03	1.72E-03	1.79E-03	1.07E-03	7.88E-04	5.01E-04	2.15E-04
		1050	7. -03	6. -03	3.87E-03	4. -03	2. -03	1.86E-03	9.31E-04	7.16E-04	6.44E-04	1.43E-04	2.15E-04
		1100	7. -03	5. -03	2.58E-03	2. -03	2. -03	1.86E-03	8.59E-04	7.16E-04	4.30E-04	2.86E-04	3.58E-04
		1110	7. -03	7. -03	2.72E-03	3. -03	1. -03	1.22E-03	1.15E-03	1.00E-03	2.86E-04	5.73E-04	2.86E-04
		1120	7. -03	5. -03	3.65E-03	2. -03	1. -03	6.44E-04	1.29E-03	5.73E-04	4.30E-04	5.01E-04	3.58E-04
		1130	6. -03	4. -03	3.87E-03	3. -03	1. -03	1.29E-03	7.16E-04	6.44E-04	5.01E-04	5.01E-04	7.16E-05
		1140	7. -03	4. -03	3.08E-03	3. -03	1. -03	1.00E-03	7.16E-04	1.00E-03	7.16E-04	2.86E-04	3.58E-04
		1150	4. -03	2. -03	2.15E-03	1. -03	8. -04	9.31E-04	5.73E-04	6.44E-04	2.86E-04	7.16E-05	7.16E-05
		1200	3. -03	2. -03	1.72E-03	1. -03	6. -04	5.01E-04	3.58E-04	2.15E-04	1.43E-04	0.00E-01	0.00E-01
		1210	4. -03	2. -03	1.15E-03	1. -03	8. -04	6.44E-04	2.86E-04	2.15E-04	3.58E-04	2.15E-04	2.86E-04
		1220	4. -03	3. -03	2.15E-03	1. -03	1. -03	4.30E-04	7.16E-04	1.43E-04	7.16E-05	2.15E-04	7.16E-05
		1230	4. -03	2. -03	2.00E-03	1. -03	7. -04	1.15E-03	5.73E-04	2.15E-04	2.15E-04	7.16E-05	7.16E-05
		1240	4. -03	1. -03	1.79E-03	1. -03	1. -03	7.88E-04	2.86E-04	2.86E-04	2.15E-04	0.00E-01	0.00E-01
		1250	4. -03	3. -03	3.15E-03	1. -03	1. -03	9.31E-04	5.73E-04	6.44E-04	1.43E-04	4.30E-04	2.15E-04
		1300	4. -03	3. -03	2.79E-03	1. -03	1. -03	6.44E-04	2.15E-04	7.88E-04	1.43E-04	2.15E-04	7.16E-05
		1310	4. -03	3. -03	2.65E-03	1. -03	1. -03	5.01E-04	1.00E-03	4.30E-04	2.15E-04	1.43E-04	7.16E-05
		1320	3. -03	2. -03	1.86E-03	1. -03	1. -03	7.88E-04	5.01E-04	3.58E-04	1.43E-04	0.00E-01	1.43E-04
		1330	3. -03	2. -03	2.58E-03	2. -03	1. -03	1.29E-03	7.88E-04	2.86E-04	6.44E-04	4.30E-04	2.86E-04
		1340	3. -03	1. -03	2.65E-03	2. -03	1. -03	1.15E-03	7.16E-04	7.16E-04	5.73E-04	4.30E-04	1.43E-04
		1350	3. -03	2. -03	1.58E-03	1. -03	1. -03	5.01E-04	1.43E-04	1.43E-04	2.15E-04	1.43E-04	7.16E-05
		1400	3. -03	1. -03	1.43E-03	7. -04	1. -03	3.58E-04	2.86E-04	2.15E-04	0.00E-01	7.16E-05	0.00E-01

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

RADIUS --->			0.15	0.17	0.19	0.22	0.25	0.29	0.33	1.23	2.18	3.12	4.08
79	250	1410	5.55E 01	2.50E 01	2.74E 01	3.60E 00	8.49E 00	2.97E 00	0.00E-01	1.15E 00	1.[illegible]-01	3.18E-02	7.[illegible]-03
		1420	6.92E 01	1.61E 01	1.64E 01	5.55E 00	0.00E-01	4.58E 00	4.07E 00	1.04E 00	1.[illegible]-01	3.06E-02	6. -03
		1430	9.51E 01	3.75E 01	1.37E 01	1.80E 01	8.49E 00	0.00E-01	1.32E 00	1.05E 00	1.[illegible]-01	3.37E-02	5. -03
		1440	1.06E 02	1.61E 01	2.82E 01	3.70E 00	5.23E 00	4.58E 00	4.07E 00	1.07E 00	1.[illegible]-01	3.28E-02	7.[illegible] -03
		1450	7.13E 01	4.38E 01	1.60E 01	7.20E 00	5.09E 00	0.00E-01	2.64E 00	1.04E 00	1.[illegible] -01	3.31E-02	7.[illegible] -03
		1500	1.06E 02	2.57E 01	2.35E 01	5.55E 00	6.98E 00	1.22E 01	1.36E 00	1.18E 00	1.[illegible] -01	3.71E-02	8. -03
		1510	9.11E 01	2.82E 01	2.51E 01	1.62E 01	3.40E 00	1.49E 00	2.64E 00	1.29E 00	2.[illegible] -01	4.38E-02	1. -02
		1520	1.02E 02	3.53E 01	1.64E 01	9.25E 00	8.72E 00	6.10E 00	2.71E 00	1.39E 00	2.[illegible]-01	5.24E-02	1. -02
		1530	1.11E 02	3.13E 01	3.20E 01	9.00E 00	6.79E 00	1.49E 00	2.64E 00	1.55E 00	2.[illegible]-01	5.74E-02	1. -02
		1540	1.46E 02	3.21E 01	2.58E 01	1.85E 01	6.98E 00	4.58E 00	4.07E 00	1.75E 00	3. -01	8.13E-02	2. -02
		1550	9.91E 01	1.56E 01	3.20E 01	1.44E 01	1.02E 01	1.49E 00	1.32E 00	1.71E 00	3.[illegible] -01	7.25E-02	2. -02
		1600	7.73E 01	3.85E 01	3.52E 01	9.25E 00	1.40E 01	3.05E 00	6.78E 00	1.69E 00	3. -01	8.13E-02	2. -02
		1610	1.19E 02	6.26E 01	3.43E 01	7.20E 00	1.02E 01	5.94E 00	5.28E 00	1.65E 00	3.[illegible]-01	8.34E-02	2. -02
		1620	1.18E 02	3.53E 01	3.29E 01	9.25E 00	6.98E 00	4.58E 00	0.00E-01	1.81E 00	3.[illegible] -01	1.06E-01	3. -02
		1630	1.15E 02	5.63E 01	3.66E 01	7.20E 00	8.49E 00	5.94E 00	3.96E 00	2.13E 00	3. -01	1.15E-01	2. -02
		1640	1.99E 02	6.10E 01	3.76E 01	9.25E 00	8.72E 00	6.10E 00	1.36E 00	2.24E 00	4.[illegible] -01	1.35E-01	4.[illegible] -02
		1650	1.62E 02	5.32E 01	2.51E 01	7.20E 00	8.49E 00	1.19E 01	6.60E 00	2.21E 00	4.[illegible] -01	1.23E-01	3. -02
		1700	1.67E 02	5.78E 01	2.82E 01	9.25E 00	6.98E 00	0.00E-01	0.00E-01	2.32E 00	4.[illegible] -01	1.43E-01	4. -02
		1710	1.35E 02	3.75E 01	3.20E 01	9.00E 00	1.53E 01	5.94E 00	7.92E 00	2.23E 00	4. -01	1.54E-01	4. -02
		1720	1.30E 02	2.89E 01	2.58E 01	9.25E 00	1.05E 01	1.07E 01	4.07E 00	2.20E 00	4. -01	1.41E-01	4. -02
		1730	1.51E 02	4.69E 01	3.66E 01	1.08E 01	1.87E 01	2.97E 00	2.64E 00	2.30E 00	5.[illegible] -01	1.93E-01	6. -02
79	252	1050	1.58E 02	6.[illegible] 01	5.03E 01	1.08E 01	1.36E 01	1.78E 01	6.60E 00	2.26E 00	4.[illegible] -01	1.11E-01	3.[illegible] -02
		1100	1.67E 02	8.[illegible] 01	4.93E 01	1.66E 01	1.74E 01	9.16E 00	6.78E 00	2.33E 00	4.[illegible]-01	1.[illegible] -01	2.[illegible] -02
		1110	2.38E 02	4.[illegible] 01	6.40E 01	1.98E 01	1.19E 01	2.97E 00	7.92E 00	2.34E 00	4.[illegible]-01	1.[illegible] -01	3.[illegible] -02
		1120	2.16E 02	8.[illegible] 01	7.04E 01	2.59E 01	8.72E 00	9.16E 00	1.09E 01	2.31E 00	4.[illegible]-01	1.[illegible] -01	2. -02
		1130	2.54E 02	8.[illegible] 01	7.31E 01	3.42E 01	2.04E 01	1.04E 01	3.96E 00	2.62E 00	4.[illegible] -01	1. -01	3. -02
		1140	2.12E 02	1.[illegible] 02	7.98E 01	2.96E 01	1.92E 01	7.63E 00	1.22E 01	2.71E 00	5.[illegible] -01	1.[illegible] -01	3. -02
		1150	2.69E 02	6.[illegible] 01	6.63E 01	2.16E 01	1.19E 01	1.19E 01	9.24E 00	2.93E 00	5.[illegible] -01	1.[illegible] -01	3.[illegible] -02
		1200	2.56E 02	1.[illegible] 02	6.57E 01	2.59E 01	2.27E 01	6.10E 00	1.09E 01	3.01E 00	5.[illegible] -01	1. -01	3.[illegible] -02
		1210	1.94E 02	9.[illegible] 01	7.09E 01	3.06E 01	1.70E 01	8.91E 00	6.60E 00	2.94E 00	5.[illegible] -01	1.[illegible] -01	2.[illegible] -02
		1220	2.85E 02	9.[illegible] 01	7.28E 01	3.14E 01	1.92E 01	9.16E 00	5.43E 00	3.01E 00	5.[illegible] -01	1.[illegible] -01	2. -02
		1230	2.14E 02	1.[illegible] 02	6.63E 01	2.70E 01	2.04E 01	1.49E 01	5.28E 00	2.91E 00	4.[illegible] -01	1.[illegible] -01	2. -02
		1240	2.36E 02	1.[illegible] 02	9.86E 01	2.77E 01	1.57E 01	9.16E 00	6.78E 00	2.80E 00	4. -01	9. -02	2. -02
		1250	2.69E 02	1.[illegible] 02	7.77E 01	2.88E 01	2.21E 01	7.43E 00	1.19E 01	2.96E 00	4. -01	1. -01	2. -02
		1300	3.05E 02	1.[illegible] 02	9.39E 01	2.59E 01	2.44E 01	1.07E 01	9.49E 00	3.17E 00	5.[illegible] -01	1. -01	2. -02
		1310	3.09E 02	9.[illegible] 01	8.46E 01	3.78E 01	1.53E 01	1.34E 01	1.32E 00	2.97E 00	4.[illegible] -01	9. -02	2. -02
		1320	2.56E 02	1.[illegible] 02	8.69E 01	3.14E 01	2.27E 01	1.37E 01	9.49E 00	3.03E 00	4.[illegible] -01	9. -02	2. -02
		1330	2.81E 02	1. 02	1.12E 02	3.60E 01	1.53E 01	1.49E 01	1.06E 01	3.16E 00	5.[illegible] -01	1. -01	2. -02
		1340	2.56E 02	1.[illegible] 02	8.92E 01	2.96E 01	1.74E 01	6.10E 00	5.43E 00	3.23E 00	5.[illegible] -01	9. -02	2. -02
		1350	2.69E 02	1. 02	1.17E 02	2.88E 01	2.38E 01	7.43E 00	3.96E 00	3.11E 00	5.[illegible] -01	8. -02	1. -02
		1400	3.21E 02	9.[illegible] 01	7.75E 01	4.07E 01	1.74E 01	1.37E 01	2.03E 01	3.11E 00	4. -01	8. -02	1. -02

PROGRAM A49NRL: AERDSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

		RADIUS --->	5.03	5.97	6.93	7.88	8.83	9.78	10.73	11.68	12.63	13.58	14.53
79	250	1410	2.65E-03	1.72E-03	1.07E-03	9.[illegible]-04	5.73E-04	1.43E-04	0.[illegible]-01	1. -04	7.[illegible]-05	7. -05	0.00E-01
		1420	2.22E-03	1.36E-03	1.72E-03	5. -04	5.73E-04	1.43E-04	2. -04	0. -01	0. -01	0.[illegible]-01	0.00E-01
		1430	2.79E-03	1.15E-03	1.07E-03	5. -04	4.30E-04	3.58E-04	2. -04	7. -05	7. -05	7. -05	0.00E-01
		1440	2.43E-03	2.36E-03	1.72E-03	6. -04	6.44E-04	5.01E-04	2. -04	2. -04	0. -01	7. -05	7.16E-05
		1450	2.58E-03	1.79E-03	1.36E-03	7. -04	6.44E-04	1.43E-04	1. -04	1.[illegible] -04	1. -04	0.[illegible]-01	0.00E-01
		1500	3.44E-03	2.58E-03	1.58E-03	7.[illegible] -04	1.00E-03	5.01E-04	2.[illegible]-04	2. -04	1. -04	1. -04	7.16E-05
		1510	4.08E-03	3.29E-03	1.93E-03	9. -04	5.73E-04	5.73E-04	5.[illegible] -04	2. -04	0. -01	7. -05	1.43E-04
		1520	4.51E-03	4.15E-03	3.01E-03	1. -03	1.15E-03	5.01E-04	5. -04	3. -04	2. -04	2. -04	7.16E-05
		1530	5.59E-03	4.51E-03	2.86E-03	2. -03	1.22E-03	5.73E-04	1. -03	4.[illegible] -04	6. -04	1. -04	1.43E-04
		1540	8.09E-03	6.23E-03	4.44E-03	3. -03	2.08E-03	1.65E-03	1. -03	1. -03	2. -04	3. -04	2.15E-04
		1550	7.38E-03	5.37E-03	3.72E-03	3.[illegible] -03	2.43E-03	1.65E-03	6.[illegible] -04	7. -04	3. -04	4. -04	3.58E-04
		1600	8.09E-03	6.66E-03	5.16E-03	3. -03	2.15E-03	2.15E-03	1. -03	5. -04	5. -04	3. -04	2.15E-04
		1610	1.13E-02	7.52E-03	4.73E-03	4. -03	1.79E-03	1.93E-03	1. -03	9. -04	1. -04	5. -04	2.86E-04
		1620	1.23E-02	9.67E-03	5.94E-03	5. -03	2.86E-03	2.51E-03	1. -03	1. -03	5. -04	4. -04	2.15E-04
		1630	1.05E-02	1.07E-02	5.37E-03	7. -03	3.22E-03	2.86E-03	1.[illegible] -03	8. -04	9. -04	1. -03	4.30E-04
		1640	1.68E-02	1.46E-02	7.16E-03	8. -03	2.79E-03	3.37E-03	1.[illegible] -03	1.[illegible] -03	1. -03	4. -04	2.86E-04
		1650	1.27E-02	1.24E-02	5.59E-03	5. -03	4.22E-03	3.58E-03	1. -03	1. -03	3. -04	3. -04	4.30E-04
		1700	1.54E-02	1.25E-02	6.59E-03	7. -03	3.01E-03	4.22E-03	1. -03	1. -03	7. -04	7. -04	7.16E-04
		1710	1.87E-02	1.67E-02	7.66E-03	7. -03	3.44E-03	4.15E-03	1.[illegible] -03	1. -03	1.[illegible] -03	5. -04	5.73E-04
		1720	1.55E-02	1.44E-02	8.31E-03	8. -03	3.87E-03	3.22E-03	2.[illegible] -03	1. -03	6.[illegible] -04	1. -03	2.15E-04
		1730	2.23E-02	1.95E-02	1.17E-02	9. -03	6.23E-03	4.65E-03	3.[illegible] -03	1. -03	7. -04	5. -04	5.73E-04
79	252	1050	1.02E-02	5.87E-03	5.[illegible] -03	2.[illegible]-03	3.65E-03	1.[illegible] -03	6.44E-04	7.[illegible]-04	3.[illegible]-04	3.[illegible]-04	2. -04
		1100	9.38E-03	8.31E-03	6.[illegible] -03	2. -03	3.01E-03	1. -03	1.65E-03	6. -04	6. -04	5. -04	1. -04
		1110	1.23E-02	9.09E-03	5. -03	3. -03	3.15E-03	2. -03	1.29E-03	6. -04	7. -04	2. -04	2. -04
		1120	9.17E-03	5.94E-03	4. -03	4. -03	2.29E-03	2. -03	1.79E-03	8. -04	6. -04	3. -04	1. -04
		1130	1.13E-02	8.38E-03	6.[illegible] -03	4. -03	3.44E-03	2.[illegible] -03	1.93E-03	1.[illegible] -03	7. -04	5.[illegible] -04	2. -04
		1140	1.04E-02	7.73E-03	6. -03	4. -03	2.72E-03	2. -03	2.08E-03	8. -04	5. -04	2. -04	5. -04
		1150	1.11E-02	1.09E-02	6. -03	6. -03	3.22E-03	2. -03	2.22E-03	8. -04	7. -04	4. -04	5. -04
		1200	1.05E-02	8.09E-03	4. -03	5. -03	3.72E-03	3.[illegible] -03	8.59E-04	7. -04	6. -04	1. -03	5. -04
		1210	8.95E-03	7.02E-03	3. -03	4. -03	2.51E-03	2.[illegible] -03	1.22E-03	1. -03	7. -04	7. -04	5. -04,
		1220	7.88E-03	6.30E-03	4. -03	3. -03	2.51E-03	2. -03	1.00E-03	1. -03	5. -04	5. -04	1. -04
		1230	8.02E-03	7.16E-03	4. -03	2. -03	2.65E-03	1. -03	1.43E-03	8. -04	7. -04	4. -04	1. -04
		1240	7.02E-03	5.37E-03	3. -03	2. -03	2.58E-03	1. -03	6.44E-04	2. -04	3. -04	6. -04	4. -04
		1250	9.45E-03	5.66E-03	3. -03	3. -03	2.51E-03	1. -03	8.59E-04	6. -04	7. -04	4. -04	5. -04
		1300	9.45E-03	6.87E-03	3. -03	3. -03	1.65E-03	2. -03	8.59E-04	7. -04	6. -04	4. -04	2. -04
		1310	6.73E-03	4.51E-03	3. -03	2. -03	2.22E-03	6. -04	8.59E-04	8. -04	5. -04	4. -04	5. -04
		1320	6.52E-03	4.37E-03	3. -03	3. -03	2.08E-03	1. -03	8.59E-04	1. -03	3. -04	4. -04	5. -04
		1330	6.80E-03	5.87E-03	2. -03	2. -03	1.50E-03	1. -03	1.86E-03	5. -04	4. -04	5. -04	4.[illegible] -04
		1340	5.59E-03	5.23E-03	3. -03	3. -03	1.79E-03	1. -03	9.31E-04	1. -03	4. -04	2. -04	1. -04
		1350	6.37E-03	5.16E-03	2. -03	1. -03	1.86E-03	1. -03	8.59E-04	1. -03	6. -04	9. -04	2. -04
		1400	5.44E-03	3.58E-03	2. -03	2. -03	1.43E-03	1. -03	1.22E-03	6. -04	3. -04	5. -04	3. -04

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

		RADIUS --->	0.15	0.17	0.19	0.22	0.25	0.29	0.33	1.23	2.18	3.12	4.08
79	252	1410	2.85E 02	1.13E 02	7.77E 01	3.78E 01	6.79E 00	1.19E 01	1.06E 01	3.. 00	4.53E-01	7.83E-02	1.35E-02
		1420	3.21E 02	1.22E 02	1.06E 02	2.96E 01	4.53E 01	2.14E 01	1.36E 01	3. 00	5.18E-01	9.44E 02	1.94E-02
		1430	2.77E 02	1.44E 02	1.01E 02	3.78E 01	3.23E 01	4.46E 00	1.45E 01	3. 00	5.36E-01	9.39E-02	1.90E-02
		1440	3.30E 02	1.19E 02	9.39E 01	3.88E 01	2.96E 01	2.14E 01	9.49E 00	3. 00	5.54E-01	9.90E-02	1.85E-02
		1450	3.01E 02	1.00E 02	1.37E 02	1.44E 01	2.38E 01	1.63E 01	1.06E 01	3. 00	5.74E-01	9.52E-02	2.11E-02
		1500	3.50E 02	1.06E 02	1.27E 02	3.88E 01	2.79E 01	9.16E 00	1.09E 01	3. 00	5.68E-01	9.78E-02	2.15E-02
		1510	3.68E 02	1.63E 02	9.60E 01	5.22E 01	3.23E 01	1.83E 01	1.58E 01	3. 00	5.30E-01	9.14E-02	1.90E-02
		1520	3.13E 02	1.73E 02	1.22E 02	3.88E 01	2.79E 01	1.37E 01	1.63E 01	3. 00	5.96E-01	1.08E-01	2.51E-02
		1530	3.41E 02	1.41E 02	1.19E 02	3.60E 01	2.55E 01	1.49E 01	1.45E 01	3. 00	5.93E-01	1.02E-01	2.28E-02
		1540	3.30E 02	1.73E 02	9.39E 01	2.59E 01	3.31E 01	1.22E 01	1.49E 01	4. 00	6.11E-01	1.08E-01	2.27E-02
		1550	4.36E 02	1.44E 02	1.01E 02	3.24E 01	2.72E 01	1.19E 01	9.24E 00	4. 00	6.56E-01	1.21E-01	2.29E-02
		1600	3.78E 02	1.54E 02	9.86E 01	4.25E 01	3.14E 01	1.98E 01	1.63E 01	4. 00	6.52E-01	1.20E-01	2.38E-02
79	253	1110	4.39E 02	8.. 01	5. 01	2. 01	1. 01	1.53E 01	1.09E 01	5.30E 00	1. 00	5.. -01	1.89E-01
		1120	6.50E 02	1.. 02	8.. 01	2. 01	1. 01	1.04E 01	5.28E 00	5.96E 00	1.. 00	6.. -01	2.. -01
		1130	3.78E 02	8.. 01	5.. 01	2.. 01	1. 01	1.22E 01	9.49E 00	5.62E 00	1. 00	5.. -01	1.. -01
		1140	3.45E 02	8.. 01	6. 01	1. 01	2. 01	8.91E 00	9.24E 00	5.28E 00	1. 00	5.. -01	1.. -01
		1150	3.74E 02	6. 01	8. 01	2. 01	2. 01	2.14E 01	1.09E 01	5.11E 00	1. 00	4.. -01	1.. -01
		1200	2.26E 02	6. 01	3. 01	2. 01	2. 01	7.43E 00	6.60E 00	4.63E 00	8. -01	3.. -01	1.. -01
		1210	1.83E 02	4.. 01	4.. 01	1. 01	8. 00	1.53E 00	5.43E 00	4.01E 00	7. -01	2.. -01	7.. -02
		1220	2.46E 02	4.. 01	3.. 01	2. 01	1. 01	1.49E 00	3.96E 00	4.09E 00	7.. -01	2.. -01	6.. -02
		1230	2.08E 02	5. 01	6.. 01	1. 01	1. 01	6.10E 00	5.43E 00	4.32E 00	7. -01	2.. -01	5.. -02
		1240	1.86E 02	5.. 01	3.. 01	1.. 01	1.. 01	1.63E 01	2.64E 00	4.07E 00	6.. -01	2. -01	4.. -02
		1250	2.97E 02	6.. 01	6.. 01	3.. 01	2.. 01	9.16E 00	6.78E 00	4.21E 00	8. -01	3. -01	9.. -02
		1300	2.34E 02	9.. 01	5.. 01	2.. 01	1. 01	1.04E 01	5.28E 00	3.88E 00	7. -01	2. -01	8.. -02
		1310	1.87E 02	8. 01	3. 01	7.. 00	8. 00	6.10E 00	2.71E 00	3.87E 00	6. -01	1. -01	3.. -02
		1320	1.51E 02	8.. 01	2.. 01	1.. 01	6. 00	5.94E 00	5.28E 00	4.16E 00	6. -01	2.. -01	4.. -02
		1330	1.38E 02	6.. 01	3.. 01	1.. 01	1.. 01	6.10E 00	6.78E 00	4.50E 00	7.. -01	2.. -01	4.. -02
		1340	2.06E 02	5.. 01	5.. 01	2.. 01	1. 01	7.43E 00	1.32E 01	4.65E 00	8. -01	2. -01	4.. -02
		1350	2.24E 02	6.. 01	4. 01	2. 01	1. 01	1.83E 01	5.43E 00	4.87E 00	8.. -01	2. -01	5.. -02
		1400	2.14E 02	1.. 02	5.. 01	2.. 01	2.. 01	1.04E 01	9.24E 00	4.68E 00	8.. -01	2. -01	5.. -02
		1410	2.40E 02	1.. 02	4.. 01	2. 01	8. 00	1.22E 01	6.78E 00	4.83E 00	8. -01	2. -01	5.. -02
		1420	1.47E 02	5.. 01	5. 01	2. 01	1. 01	1.34E 01	1.19E 01	4.49E 00	7. -01	2. -01	4.. -02
		1430	2.08E 02	5.. 01	7. 01	1. 01	1. 01	6.10E 00	1.09E 01	4.24E 00	7. -01	2. -01	3. -02
		1440	2.58E 02	7.. 01	6. 01	2. 01	1. 01	8.91E 00	1.06E 01	3.94E 00	6.. -01	1. -01	3.. -02
		1450	1.63E 02	9. 01	7. 01	2. 01	2. 01	7.63E 00	8.14E 00	4.08E 00	6. -01	1. -01	3.. -02
		1500	2.38E 02	9.. 01	6. 01	1. 01	2. 01	8.91E 00	1.06E 01	4.37E 00	7. -01	2. -01	4.. -02
		1510	2.69E 02	8. 01	6. 01	2. 01	1. 01	9.16E 00	1.22E 01	4.88E 00	7. -01	2. -01	4.. -02
		1520	2.50E 02	1. 02	7. 01	3. 01	2. 01	1.19E 01	6.60E 00	5.62E 00	8. -01	2. -01	4.. -02
		1530	3.95E 02	1.. 02	1. 02	3. 01	2. 01	1.37E 01	1.22E 01	6.05E 00	8. -01	2. -01	3.. -02
		1540	4.16E 02	1.. 02	6. 01	2. 01	1. 01	7.43E 00	1.58E 01	5.49E 00	8. -01	1. -01	2.. -02
		1550	4.52E 02	1.. 02	9. 01	1. 01	2. 01	1.53E 01	1.22E 01	5.43E 00	8. -01	2. -01	3.. -02

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

			RADIUS --->	5.03	5.97	6.93	7.88	8.83	9.78	10.73	11.68	12.63	13.58	14.53
79	252	1410	4.58E-03	3.22E-03	1.65E-03	1.15E-03	1.43E-03	1.29E-03	8. -04	5. -04	3.58E-04	3.[illegible]-04	7.16E-05
		1420	5.37E-03	4.08E-03	3.37E-03	2.65E-03	1.43E-03	2.01E-03	1. -03	7. -04	2.86E-04	5.[illegible]-04	0.00E-01
		1430	7.23E-03	4.37E-03	3.68E-03	2.86E-03	1.93E-03	1.22E-03	7. -04	8. -04	6.44E-04	1.[illegible]-04	5.01E-04
		1440	5.01E-03	4.87E-03	3.29E-03	2.58E-03	1.50E-03	1.65E-03	8. -04	5. -04	3.58E-04	7.[illegible]-04	4.30E-04
		1450	6.95E-03	5.23E-03	3.08E-03	2.79E-03	2.01E-03	2.15E-03	1. -03	8. -04	5.73E-04	4.[illegible]-04	2.15E-04
		1500	7.59E-03	6.80E-03	3.87E-03	3.29E-03	2.43E-03	1.58E-03	1. -03	7. -04	9.31E-04	3.[illegible]-04	2.15E-04
		1510	7.52E-03	5.59E-03	3.65E-03	3.65E-03	2.79E-03	1.50E-03	1. -03	5. -04	2.86E-04	5.[illegible]-04	2.86E-04
		1520	9.09E-03	5.87E-03	3.58E-03	4.22E-03	2.79E-03	2.08E-03	1. -03	1. -03	6.44E-04	5.[illegible]-04	4.30E-04
		1530	8.59E-03	7.02E-03	3.15E-03	3.80E-03	2.43E-03	2.29E-03	1. -03	1. -03	7.16E-04	6.[illegible]-04	2.15E-04
		1540	7.23E-03	6.09E-03	2.94E-03	4.37E-03	1.72E-03	2.65E-03	1. -03	8. -04	1.15E-03	5.[illegible]-04	5.01E-04
		1550	8.16E-03	6.44E-03	3.51E-03	3.94E-03	1.79E-03	2.29E-03	1. -03	7. -04	7.16E-04	5.[illegible]-04	4.30E-04
		1600	7.81E-03	7.59E-03	3.80E-03	5.16E-03	2.43E-03	2.36E-03	1. -03	1. -03	6.44E-04	8.[illegible]-04	5.01E-04
79	253	1110	9.68E-02	6.[illegible]E-02	4.51E-02	3.[illegible]E-02	2.[illegible]E-02	2. -02	1.[illegible]E-02	7.95E-03	7.45E-03	4.15E-03	3.51E-03
		1120	1.09E-01	5.[illegible]E-02	5.49E-02	2.[illegible]E-02	2.[illegible]E-02	1. -02	1.[illegible]E-02	1.06E-02	5.73E-03	5.80E-03	3.94E-03
		1130	6.90E-02	3.[illegible]E-02	3.17E-02	1.[illegible]E-02	1.[illegible]E-02	7. -03	4.[illegible]E-03	2.58E-03	1.36E-03	2.08E-03	7.16E-04
		1140	8.03E-02	3.[illegible]E-02	3.66E-02	1.[illegible]E-02	1.[illegible]E-02	9. -03	6.[illegible]E-03	3.44E-03	2.43E-03	2.51E-03	5.01E-04
		1150	7.00E-02	3.[illegible]E-02	3.13E-02	1.[illegible]E-02	1.[illegible]E-02	6. -03	5.[illegible]E-03	2.58E-03	2.08E-03	1.15E-03	3.58E-04
		1200	4.24E-02	1.[illegible]E-02	1.72E-02	5.[illegible]E-03	6.[illegible]E-03	3. -03	1.[illegible]E-03	1.22E-03	3.58E-04	7.16E-05	7.16E-05
		1210	3.40E-02	1.[illegible]E-02	1.40E-02	3.[illegible]E-03	5.[illegible]E-03	1. -03	1.[illegible]E-03	7.16E-04	1.15E-03	2.15E-04	2.86E-04
		1220	2.79E-02	1.[illegible]E-02	1.09E-02	3.[illegible]E-03	4.[illegible]E-03	1. -03	8.[illegible]E-04	8.59E-04	2.86E-04	4.30E-04	7.16E-05
		1230	2.33E-02	8.[illegible]E-03	7.45E-03	1.[illegible]E-03	2.[illegible]E-03	7. -04	7.[illegible]E-04	5.01E-04	3.58E-04	0.00E-01	0.00E-01
		1240	1.83E-02	4.[illegible]E-03	4.65E-03	2.[illegible]E-03	1.[illegible]E-03	1. -03	5.[illegible]E-04	2.15E-04	1.43E-04	2.15E-04	0.00E-01
		1250	4.35E-02	1.[illegible]E-02	2.21E-02	9.[illegible]E-03	1.[illegible]E-02	6. -03	4.[illegible]E-03	5.16E-03	2.79E-03	2.29E-03	1.72E-03
		1300	3.22E-02	1.[illegible]E-02	1.52E-02	6.[illegible]E-03	6.[illegible]E-03	6. -03	3.[illegible]E-03	2.58E-03	1.65E-03	1.22E-03	1.22E-03
		1310	1.45E-02	6.[illegible]E-03	5.59E-03	2.[illegible]E-03	1.[illegible]E-03	1. -03	8.[illegible]E-04	3.58E-04	2.86E-04	7.16E-05	1.43E-04
		1320	1.68E-02	5.[illegible]E-03	6.59E-03	2.[illegible]E-03	2.[illegible]E-03	1. -03	7.[illegible]E-04	3.58E-04	2.15E-04	2.86E-04	0.00E-01
		1330	1.69E-02	7.[illegible]E-03	5.59E-03	2.[illegible]E-03	2.[illegible]E-03	1. -03	5.[illegible]E-04	4.30E-04	2.15E-04	2.15E-04	2.86E-04
		1340	1.90E-02	1.[illegible]E-02	7.16E-03	5.[illegible]E-03	3.[illegible]E-03	3. -03	2.[illegible]E-03	1.43E-03	1.15E-03	7.16E-04	7.16E-04
		1350	1.65E-02	9.[illegible]E-03	8.23E-03	3.[illegible]E-03	4.[illegible]E-03	2. -03	2.[illegible]E-03	1.15E-03	1.29E-03	9.31E-04	5.73E-04
		1400	1.97E-02	1.[illegible]E-02	7.95E-03	4.[illegible]E-03	4.[illegible]E-03	2. -03	2.[illegible]E-03	1.36E-03	6.44E-04	6.44E-04	2.86E-04
		1410	2.04E-02	9.[illegible]E-03	7.66E-03	4.[illegible]E-03	5.[illegible]E-03	2. -03	2.[illegible]E-03	1.15E-03	8.59E-04	6.44E-04	7.88E-04
		1420	1.52E-02	6.[illegible]E-03	5.30E-03	2.[illegible]E-03	4.[illegible]E-03	2. -03	1.[illegible]E-03	1.97E-03	6.44E-04	5.73E-04	4.30E-04
		1430	1.63E-02	8.[illegible]E-03	6.87E-03	2.[illegible]E-03	3.[illegible]E-03	1. -03	1.[illegible]E-03	3.58E-04	5.01E-04	4.30E-04	3.59E-04
		1440	1.27E-02	4.[illegible]E-03	4.37E-03	2.[illegible]E-03	2.[illegible]E-03	1. -03	9.[illegible]E-04	9.31E-04	5.73E-04	5.01E-04	1.43E-04
		1450	1.35E-02	5.[illegible]E-03	5.73E-03	2.[illegible]E-03	2.[illegible]E-03	1. -03	1.[illegible]E-03	7.[illegible]E-04	5.01E-04	2.15E-04	2.15E-04
		1500	1.56E-02	7.[illegible]E-03	5.59E-03	2.[illegible]E-03	2.[illegible]E-03	2. -03	1.[illegible]E-03	1.[illegible]E-03	7.16E-04	2.86E-04	1.43E-04
		1510	1.38E-02	4.[illegible]E-03	4.65E-03	1.[illegible]E-03	1.[illegible]E-03	7. -04	7.[illegible]E-04	5.[illegible]E-04	2.86E-04	0.00E-01	0.00E-01
		1520	1.04E-02	4.[illegible]E-03	3.65E-03	1.[illegible]E-03	1.[illegible]E-03	5. -04	5.[illegible]E-04	3.[illegible]E-04	2.86E-04	7.16E-05	1.43E-04
		1530	1.10E-02	3.[illegible]E-03	3.29E-03	1.[illegible]E-03	1.[illegible]E-03	6. -04	4.[illegible]E-04	2.[illegible]E-04	2.15E-04	1.43E-04	3.58E-04
		1540	9.95E-03	4.[illegible]E-03	2.43E-03	1.[illegible]E-03	1.[illegible]E-03	1. -03	3.[illegible]E-04	3.[illegible]E-04	3.58E-04	2.15E-04	7.16E-05
		1550	1.10E-02	5.[illegible]E-03	3.94E-03	3.[illegible]E-03	3.[illegible]E-03	1. -03	7.[illegible]E-04	5.[illegible]E-04	7.88E-04	2.86E-04	7.16E-05

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

RADIUS --->			0.15	0.17	0.19	0.22	0.25	0.29	0.33	1.23	2.18	3.12	4.08
79	253	1600	4.60E 02	1.78E 02	9.37E 01	3.24E 01	3.40E 01	1.04E 01	6.60E 00	5.65E 00	8.67E-01	2.30E-01	3.56E-02
		1610	4.84E 02	2.44E 02	9.86E 01	3.88E 01	1.40E 01	4.58E 00	1.09E 01	5.40E 00	7.97E-01	1.94E-01	2.81E-02
		1620	4.16E 02	1.81E 02	6.86E 01	2.88E 01	2.04E 01	2.23E 01	1.58E 01	5.65E 00	8.10E-01	1.93E-01	3.27E-02
		1630	5.05E 02	2.25E 02	1.20E 02	3.51E 01	2.09E 01	1.53E 01	1.09E 01	6.05E 00	8.67E-01	2.10E-01	3.38E-02
79	254	1010	4. 02	1.48E 02	1. 02	5.98E 01	4.27E 01	3.74E 01	2.39E 01	6. 00	1. 00	3.44E-01	1. -01
		1020	4. 02	1.18E 02	1. 02	7.17E 01	4.85E 01	2.58E 01	3.64E 01	5. 00	1. 00	2. -01	8. -02
		1050	4. 02	1.37E 02	1. 02	7.17E 01	5.62E 01	3.61E 01	3.07E 01	1. 01	2. 00	6. -01	1. -01
		1100	3. 02	1.63E 02	1. 02	4.04E 01	5.54E 01	2.12E 01	2.69E 01	6. 00	1. 00	3. -01	1. -01
		1110	2. 02	1.01E 02	1. 02	4.17E 01	3.42E 01	2.39E 01	2.39E 01	5. 00	1. 00	2. -01	8. -02
		1120	3. 02	1.15E 02	1. 02	4.41E 01	5.02E 01	1.97E 01	2.96E 01	5. 00	1. 00	3. -01	1. -01
		1130	3. 02	1.83E 02	1. 02	7.25E 01	6.32E 01	3.44E 01	3.72E 01	6. 00	1. 00	3. -01	1. -01
		1140	4. 02	1.69E 02	1. 02	3.49E 01	5.02E 01	2.27E 01	2.43E 01	8. 00	1. 00	3. -01	7. -02
		1150	3. 02	1.35E 02	1. 02	3.63E 01	3.59E 01	2.24E 01	3.06E 01	7. 00	1. 00	3. -01	1. -01
		1200	4. 02	1.12E 02	1. 02	3.67E 01	4.33E 01	2.88E 01	1.89E 01	6. 00	1. 00	3. -01	8. -02
		1210	3. 02	1.70E 02	9. 01	5.98E 01	4.27E 01	4.34E 01	2.26E 01	7. 00	1. 00	3. -01	1. -01
		1220	3. 02	1.75E 02	1. 02	6.06E 01	5.02E 01	2.73E 01	1.75E 01	7. 00	1. 00	3. -01	9. -02
		1230	3. 02	1.20E 02	1. 02	5.98E 01	3.59E 01	3.74E 01	2.53E 01	7. 00	1. 00	3. -01	9. -02
		1240	3. 02	1.18E 02	8. 01	4.59E 01	4.16E 01	3.03E 01	2.29E 01	5. 00	9. -01	2. -01	6. -02
		1250	2. 02	1.07E 02	9. 01	3.63E 01	3.42E 01	2.69E 01	1.20E 01	6. 00	1. 00	2. -01	7. -02
		1300	2. 02	1.02E 02	9. 01	5.70E 01	4.50E 01	1.52E 01	2.69E 01	5. 00	9. -01	2. -01	5. -02
		1310	3. 02	8.19E 01	9. 01	3.08E 01	2.56E 01	3.29E 01	2.26E 01	6. 00	1. 00	2. -01	6. -02
		1320	3. 02	1.53E 02	1. 02	4.78E 01	6.06E 01	4.55E 01	3.37E 01	7. 00	1. 00	3. -01	7. -02
		1330	3. 02	1.35E 02	8. 01	5.80E 01	4.10E 01	2.24E 01	1.60E 01	6. 00	1. 00	2. -01	7. -02
		1340	2. 02	1.53E 02	1. 02	5.33E 01	4.50E 01	3.18E 01	2.29E 01	6. 00	1. 00	2. -01	5. -02
		1350	1. 02	1.13E 02	1. 02	4.53E 01	3.76E 01	2.84E 01	2.53E 01	6. 00	9. -01	1. -01	4. -02
		1400	3. 02	1.15E 02	1. 02	4.59E 01	4.50E 01	2.88E 01	1.62E 01	6. 00	1. 00	1. -01	4. -02
		1410	2. 02	1.57E 02	9. 01	4.89E 01	5.13E 01	3.29E 01	2.66E 01	6. 00	1. 00	2. -01	5. -02
		1420	2. 02	9.57E 01	1. 02	4.96E 01	2.25E 01	3.64E 01	3.10E 01	6. 00	1. 00	2. -01	5. -02
		1430	2. 02	1.04E 02	1. 02	6.71E 01	4.44E 01	2.24E 01	1.86E 01	6. 00	1. 00	2. -01	5. -02
		1440	2. 02	1.53E 02	9. 01	4.41E 01	4.68E 01	4.24E 01	2.69E 01	6. 00	1. 00	2. -01	5. -02
		1450	1. 02	1.07E 02	7. 01	5.98E 01	6.67E 01	2.39E 01	2.39E 01	6. 00	9. -01	2. -01	4. -02
		1500	1. 02	9.57E 01	1. 02	3.31E 01	5.20E 01	1.52E 01	1.89E 01	6. 00	1. 00	2. -01	5. -02
		1510	2. 02	1.29E 02	9. 01	6.34E 01	5.30E 01	2.24E 01	2.13E 01	6. 00	9. -01	2. -01	4. -02
		1520	2. 02	1.18E 02	9. 01	4.59E 01	3.90E 01	2.73E 01	3.37E 01	6. 00	9. -01	2. -01	5. -02
		1530	3. 02	7.56E 01	1. 02	5.08E 01	4.10E 01	3.29E 01	1.46E 01	5. 00	9. -01	1. -01	3. -02
		1540	2. 02	8.62E 01	9. 01	3.67E 01	4.50E 01	3.18E 01	1.75E 01	5. 00	7. -01	1. -01	2. -02
		1550	2. 02	9.45E 01	8. 01	4.35E 01	3.76E 01	1.65E 01	2.26E 01	5. 00	8. -01	1. -01	4. -02
		1600	2. 02	1.15E 02	1. 02	6.06E 01	4.68E 01	2.43E 01	2.69E 01	5. 00	9. -01	1. -01	4. -02

PROGRAM A49NRL: AEROSOL DISTRIBUTION TABULATION (PROCESSED ON 01-OCT-82)

NRL6532 ON HEBRIDES

		RADIUS --->	5.03	5.97	6.93	7.88	8.83	9.78	10.73	11.68	12.63	13.58	14.53
79	253	1600	1.25E-02	6.87E-03	5.30E-03	2.94E-03	2.72E-03	1.50E-03	7.88E-04	4.30E-04	5.73E-04	4.30E-04	2.15E-04
		1610	1.05E-02	5.16E-03	3.80E-03	1.79E-03	1.93E-03	5.01E-04	6.44E-04	2.15E-04	4.30E-04	2.15E-04	1.43E-04
		1620	9.60E-03	4.58E-03	2.08E-03	1.72E-03	6.44E-04	4.30E-04	5.01E-04	3.58E-04	1.43E-04	2.15E-04	0.00E-01
		1630	1.15E-02	5.87E-03	3.87E-03	1.79E-03	1.36E-03	5.73E-04	9.31E-04	7.16E-05	7.16E-05	2.15E-04	2.86E-04
79	254	1010	4.66E-02	3.[illegible]E-02	3.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	7.[illegible]E-03	5.16E-03	3.72E-03	3.29E-03	2.65E-03
		1020	3.84E-02	2.[illegible]E-02	2.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	9.[illegible]E-03	6.[illegible]E-03	4.08E-03	3.01E-03	1.58E-03	2.29E-03
		1050	7.91E-02	5.[illegible]E-02	4.[illegible]E-02	3.[illegible]E-02	2.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	1.00E-02	5.66E-03	4.94E-03	4.22E-03
		1100	4.63E-02	3.[illegible]E-02	2.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	7.[illegible]E-03	5.[illegible]E-03	3.80E-03	3.29E-03	1.65E-03	1.79E-03
		1110	3.40E-02	2.[illegible]E-02	2.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	6.[illegible]E-03	5.[illegible]E-03	3.65E-03	2.29E-03	2.79E-03	1.72E-03
		1120	4.51E-02	2.[illegible]E-02	2.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	9.[illegible]E-03	6.[illegible]E-03	4.58E-03	4.08E-03	1.93E-03	2.36E-03
		1130	4.67E-02	3.[illegible]E-02	2.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	7.[illegible]E-03	4.58E-03	4.87E-03	2.51E-03	1.86E-03
		1140	3.06E-02	2.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	8.[illegible]E-03	6.[illegible]E-03	4.[illegible]E-03	3.37E-03	3.29E-03	2.01E-03	2.15E-03
		1150	3.95E-02	3.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	6.[illegible]E-03	6.[illegible]E-03	3.[illegible]E-03	3.51E-03	2.29E-03	1.58E-03	7.88E-04
		1200	3.47E-02	2.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	9.[illegible]E-03	7.[illegible]E-03	5.[illegible]E-03	3.72E-03	3.08E-03	2.29E-03	1.22E-03
		1210	3.64E-02	3.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	8.[illegible]E-03	6.[illegible]E-03	5.51E-03	4.08E-03	3.51E-03	2.36E-03
		1220	3.35E-02	2.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	8.[illegible]E-03	5.[illegible]E-03	4.65E-03	3.65E-03	2.29E-03	1.93E-03
		1230	3.53E-02	2.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	7.[illegible]E-03	4.[illegible]E-03	4.58E-03	2.94E-03	2.29E-03	1.72E-03
		1240	2.41E-02	1.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	9.[illegible]E-03	5.[illegible]E-03	3.[illegible]E-03	3.65E-03	2.08E-03	2.65E-03	1.15E-03
		1250	2.36E-02	2.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	7.[illegible]E-03	7.[illegible]E-03	4.[illegible]E-03	2.86E-03	2.01E-03	1.50E-03	1.65E-03
		1300	2.36E-02	1.[illegible]E-02	1.[illegible]E-02	8.[illegible]E-03	7.[illegible]E-03	5.[illegible]E-03	3.[illegible]E-03	2.43E-03	2.15E-03	2.08E-03	1.07E-03
		1310	2.79E-02	2.05[illegible]E-02	1.3[illegible]E-02	1.[illegible]E-02	8.[illegible]E-03	6.[illegible]E-03	4.[illegible]E-03	3.37E-03	2.43E-03	1.65E-03	1.22E-03
		1320	3.14E-02	1.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	7.[illegible]E-03	5.[illegible]E-03	5.[illegible]E-03	3.29E-03	1.86E-03	2.65E-03	1.58E-03
		1330	2.84E-02	1.[illegible]E-02	1.[illegible]E-02	1.[illegible]E-02	8.[illegible]E-03	5.[illegible]E-03	4.[illegible]E-03	3.15E-03	2.72E-03	1.29E-03	1.65E-03
		1340	2.51E-02	1.[illegible]E-02	1.[illegible]E-02	8.[illegible]E-03	8.[illegible]E-03	4.[illegible]E-03	3.[illegible]E-03	2.65E-03	2.58E-03	2.36E-03	1.50E-03
		1350	1.40E-02	1.[illegible]E-02	8.[illegible]E-03	6.[illegible]E-03	4.[illegible]E-03	3.[illegible]E-03	2.[illegible]E-03	2.29E-03	1.00E-03	1.07E-03	1.00E-03
		1400	1.73E-02	1.[illegible]E-02	9.[illegible]E-03	5.[illegible]E-03	4.[illegible]E-03	3.[illegible]E-03	2.[illegible]E-03	1.58E-03	7.88E-04	7.88E-04	1.00E-03
		1410	1.96E-02	1.[illegible]E-02	1.[illegible]E-02	7.[illegible]E-03	5.[illegible]E-03	4.[illegible]E-03	3.[illegible]E-03	2.22E-03	1.36E-03	1.72E-03	1.50E-03
		1420	1.72E-02	1.[illegible]E-02	1.[illegible]E-02	7.[illegible]E-03	5.[illegible]E-03	4.[illegible]E-03	3.[illegible]E-03	2.36E-03	2.65E-03	1.00E-03	2.01E-03
		1430	2.11E-02	1.[illegible]E-02	9.[illegible]E-03	8.81E-03	5.[illegible]E-03	4.[illegible]E-03	3.[illegible]E-03	2.72E-03	1.86E-03	1.93E-03	1.43E-03
		1440	2.13E-02	1.[illegible]E-02	1.[illegible]E-02	7.88E-03	7.[illegible]E-03	3.[illegible]E-03	3.[illegible]E-03	2.36E-03	1.58E-03	1.07E-03	1.36E-03
		1450	1.60E-02	1.[illegible]E-02	9.[illegible]E-03	8.45E-03	5.[illegible]E-03	3.[illegible]E-03	3.[illegible]E-03	1.43E-03	2.15E-03	1.79E-03	1.15E-03
		1460	2.02E-02	1.[illegible]E-02	9.[illegible]E-03	8.80E-03	5.[illegible]E-03	5.[illegible]E-03	3.[illegible]E-03	2.94E-03	1.65E-03	1.07E-03	1.58E-03
		1470	1.64E-02	1.[illegible]E-02	8.[illegible]E-03	6.37E-03	5.[illegible]E-03	5.[illegible]E-03	2.[illegible]E-03	2.01E-03	1.36E-03	1.00E-03	1.22E-03
		1480	1.93E-02	1.[illegible]E-02	8.[illegible]E-03	9.17E-03	4.[illegible]E-03	4.[illegible]E-03	2.[illegible]E-03	2.65E-03	1.50E-03	1.15E-03	1.29E-03
		1490	1.17E-02	9.[illegible]E-03	5.[illegible]E-03	4.65E-03	4.[illegible]E-03	2.[illegible]E-03	1.[illegible]E-03	1.50E-03	1.00E-03	5.73E-04	8.59E-04
		1500	7.52E-03	5.[illegible]E-03	4.[illegible]E-03	3.72E-03	2.[illegible]E-03	2.[illegible]E-03	1.[illegible]E-03	1.00E-03	6.44E-04	1.36E-03	1.22E-03
		1510	1.44E-02	1.[illegible]E-02	7.[illegible]E-03	8.23E-03	5.23E-03	3.44E-03	3.[illegible]E-03	2.08E-03	1.93E-03	1.72E-03	1.00E-03
		1600	1.75E-02	9.[illegible]E-03	9.[illegible]E-03	5.37E-03	4.73E-03	3.51E-03	2.[illegible]E-03	2.15E-03	1.72E-03	1.00E-03	7.16E-04

Appendix C

BIN EDGE LOCATIONS FOR PROBES IN APPENDIX B

Particle Radius (μm)	
ASASP Probe 1	CSASP Probe 2
0.1	0.75
0.135	1.7
0.17	2.65
0.205	3.6
0.24	4.55
0.275	5.5
0.31	6.45
0.35	7.4
0.4	8.35
0.45	9.3
0.5	10.25
0.55	11.2
0.6	12.15
0.65	13.1
0.7	14.05
0.75	15.0