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# DETAILED TIME-HISTORIES OF CONCENTRATIONS RESULTING FROM PUFF AND SHORT-PERIOD RELEASES OF AN INERT RADIOACTIVE GAS: A VOLUME OF ATMOSPHERIC DIFFUSION DATA

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- Page 12 Under "Total Emitted (Ci)" for Test No. P1, "10.9" should be "10.0".
- Page 13 Line 4 "...data on page A-9..." should be "...data on page A-7..."
- Page 20 Fourth paragraph "...on the 42-M Tower..." should be "...on the 25-M Tower..."
- Pages B-37 to B-40 inclusive Under the column heading "SECONDS AFTER RELEASE", all values should have 348.0 seconds subtracted from the listed values. For example, the first value on page B-37 should be 507.0, and the last value on page B-40 should be 804.6. (The correct times are identical to those listed on pages B-29 through B-32 inclusive).
- Page B-149 In the second line of headings, "200 METERS" should be "800 METERS".

# DETAILED TIME-HISTORIES OF CONCENTRATIONS RESULTING FROM PUFF AND SHORT-PERIOD RELEASES OF AN INERT RADIOACTIVE GAS: A VOLUME OF ATMOSPHERIC DIFFUSION DATA

P. W. Nickola, J. V. Ramsdell, Jr., and J. D. Ludwick

## ABSTRACT

This paper is primarily a volume of atmospheric diffusion data of exceptional detail. The concentration measurements in this report were obtained from the release of the radioactive gas krypton-85 as an atmospheric tracer. Measurements were made simultaneously on a real-time basis at 64 field locations. The sampling array, arranged on sampling arcs at distances of 200 and 800 m from the tracer release point, consisted of 40 Geiger-Muller tubes at elevations of 1.5 m above the surface, with 24 more tubes located on six towers. Tower sampling extended to heights of 21 m.

Eight of these inert gaseous tracer releases were in the form of instantaneous bursts or puffs, while the remaining five releases took the form of plume releases of 10 to 20 min duration.

Vertical wind and temperature profiles for the periods of tracer transport are given. A description of the field system and field techniques is also included.

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## DETAILED TIME-HISTORIES OF CONCENTRATIONS RESULTING FROM PUFF AND SHORT-PERIOD RELEASES OF AN INERT RADIOACTIVE GAS: A VOLUME OF ATMOSPHERE DIFFUSION DATA

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## INTRODUCTION

This volume presents atmospheric concentration measurements of a radioactive noble gas tracer, krypton-85. Concentrations of this gas, resulting from near ground-level tracer releases made at the Atomic Energy Commission's Hanford reservation, were measured by 64 field detectors located on arcs at distances of 200 and 800 m from the tracer release point. Each detector monitored the krypton tracer concentration on a real-time basis.

The data listed in this report were obtained from 13 releases of the tracer. Accompanying meteorological measurements are also given. Both instantaneous point releases and short-period releases of 10 to 20 min were employed. Although these tracer releases were made primarily to check the feasibility and response of a prototype field system, the data generated were of such high quality and exceptional detail that their publication in a form suitable for use by researchers or others interested in employing field-generated diffusion data was considered appropriate. To date, the krypton concentration measurements have been the source data for several studies completed at Hanford. (1,2,3)

Among the advantages of an inert gas tracer system is its minimum interaction with structures or vegetation and absence of reaction with other atmospheric constituents. Furthermore, the subject tracer system has the advantage of permitting generation of either an instantaneous point source or a longer release, and of providing simultaneous real-time measurements of concentration at many locations.

## THE FIELD SYSTEM

Although the system itself has been described in the open literature, (3,4) a brief review here of its physical layout and functioning is considered appropriate.

## THE FIELD GRID AND DETECTORS

The krypton-85 tracer system was installed on a portion of the Hanford field diffusion grid.<sup>(5)</sup> Terrain in this area is quite flat. The extremes in elevation on the krypton field course differ by only 20 ft. Vegetation is primarily sagebrush and steppe grasses. Photographs included in this report provide views of the field course.

The 64-field detectors were positioned along two arcs concentric about the tracer release point. The radii of these arcs were 200 and 800 m. The detectors were positioned to take advantage of the frequent west-northwest winds at Hanford. Figure 1 is a schematic presentation of the distribution of these field detectors. Twenty of the field detectors, 1.5 m above the ground, were placed on each of the two sampling arcs. The remaining samplers were mounted on six towers, three towers on each arc. Figure 2 shows removal of a protective cover from one of the "ground-level" (1.5-m elevation) detectors on the 800-m arc. Figure 3 shows the bottom three sensors mounted on a tower. The middle detector in this figure is at an elevation of 1.5 m. It and other tower sensors mounted at the 1.5-m elevation can be considered as a part of both the horizontal and vertical sampling arrays. Signals generated by such sensors will be included in both the "ground-level" and "tower" data presented later in this report.

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FIGURE 1. Schematic Representation of Field Grid





FIGURE 3. Tower-Mounted Field Detectors on 800-m Arc

The sensors employed to detect the 0.68 MeV (max) beta particles associated with the krypton-85 was a halogenquenched Geiger-Muller tube. Chlorine-36 sources, similar in beta activity to krypton-85, were used for crosscalibration of the field detectors. These sources were positioned identically with respect to each detector in order to determine relative counting efficiencies of each detector. Detectors with efficiencies of more than 5% above or below the mean efficiency, were discarded.

The efficiency was related to the quantitative measurement of the krypton tracer by placing several of the Geiger counters, in turn, inside a large meteorological balloon and then inserting a known amount of krypton-85. Next, compressed air was added to expand the volume so that the radius of the balloon was greater than the range of the krypton beta parti-The calibration determined from those Geiger tubes cle. checked was 9.7 counts per sec per  $\mu$ Ci per m<sup>3</sup>. Although somewhat different calibration constants are doubtless appropriate for each detector, no attempt was made (beyond the culling mentioned in the preceding paragraph) to individually calibrate all tubes prior to the prototype field tests whose data are reported in this document. Nonetheless, the individual detector data are generally consistent and directly intercomparable.

The effect of distance of the krypton tracer from the detector was ascertained in the balloon calibration procedure. The specific activity of the gas was determined by expanding the balloon to the point where the radius of the sphere was beyond the range of the krypton beta particle. Measurements of the detector counting rate versus size of the balloon were made as the gas was slowly exhausted from the sphere. The results of this procedure are graphed in Figure 4. It can be



**FIGURE** 4. Influence of Distance on Krypton-85 Detection in the Free Atmosphere

seen that 90% of the counts registered by the detector were generated within a radius of less than 3.5 ft from the detector, and more than 99% originated within a radius of 5 ft.

## DATA COLLECTION, STORAGE, AND RECORDING

Counts from the field detectors were relayed by coaxial cables to a 4096 address memory. The memory was programmed to accept data simultaneously from the 64 detectors for 64 successive time increments. In this paper, the period required to fill the memory will be referred to as a "storage period". A time interval selector permitted automatic advance of the stepping process at a slow or fast rate through the 64 time increments. The time increment selector permitted counting intervals of 1.2, 2.4, 4.8, or 38.4 sec. The time lost between sampling period was negligible, on the order of a few milliseconds. The specific time interval selected was determined to a great extent by the expected time required for the plume or puff to clear the sampling grid. At the end of each storage period, the data were read onto magnetic tape and the memory was cleared. The time interval required for dump and reactivation was less than 40 sec.

After completion of a field test, the data contained on the magnetic tapes were transferred back into the 4096 memory. The memory was then read out to a unit providing a photographic reproduction of the counts accumulated in each channel. Data from the photographs were punched onto cards for electronic data processing to the format presented in Appendix B of this report. Modification of the system so as to permit direct computer handling of the magnetic tape output is underway.

The central electronics were housed in a temperaturecontrolled trailer about 100 m from the source point. A series of coaxial cables carried high voltage from this

central location to each field detector and returned the betainitiated pulses from the detector to the central station. Bundles of these cables are visible in both Figures 2 and 5. The bundle in Figure 5 incorporates all of the 64 cables leading to the trailer, (off to the left of the photograph). The bundles were suspended on metal stakes primarily to avoid difficulties with desert rodents. After removal of protective caps from detectors, all subsequent data collection functions could be handled from the trailer by a single individual.

## TRACER DISPERSAL TECHNIQUES

The concentration data listed in this report were obtained from two types of releases. These were near instantaneous bursts (called "puffs" in this paper) and short period releases of from 10 to 20 min (referred to here as "plumes").

Puffs were generated by the crushing of a quartz ampule containing the krypton-85 tracer. The ampules were smashed in the guillotine-like device shown in ,Figure 5. This photo displays the lead brick "crusher" suspended over the krypton ampule at the bottom of the guillotine. Each ampule contained 10 Ci of krypton-85. The gas in the ampule was sealed at near atmospheric pressure to minimize the initial volume of the "instantaneous point source". All of the vials were crushed while resting on the ground.

In the case of the plumes, the source was a pressurized gas cylinder from which krypton was released at a rate of about 1 Ci/min for periods of 10 to 20 min. The effective source height for these short-period releases was approximately 1 m.

A word of caution may be in order here, particularly to researchers who may employ these data in simulation of point sources. During these prototype tests, the area directly



upwind of the source was less than perfect in terms of the clear fetch desired in an ideal diffusion study. A flatbed trailer about 6 m in length was parked about 4 m upwind of the source location. Several boxlike pieces of apparatus were spaced on the trailer. Overall, a lattice-like cross section of 8 to 10 m<sup>2</sup> presented to the wind approaching the source undoubtedly caused some wake effects in the vicinity of the source.

## TRACER SOURCE DATA

A total of 13 krypton-85 releases were made. Eight of the releases were puffs, and five were plumes. Table 1 lists the releases in chronological order. Tests whose numbers are preceded by a "P" are puff releases. Those preceded by a "C" are plumes. Releases occurring within a period of an hour or less are grouped together in the table. The table presents data pertinent to the number of curies of gas emitted and the emission times. The last two columns give general meteorological information and are intended only to aid the reader in roughly grasping the meteorological regimes embraced during this test series. The last column, in particular, is a very subjective categorization. Much more detailed meteorological information is supplied elsewhere in this report.

## METEOROLOGICAL DATA FOR PERIOD DURING TRACER RELEASE AND TRANSPORT

Appendix A gives meteorological data pertinent to each tracer release. The data were gathered by sensors mounted on two towers located upwind of the field grid. The location of these meteorology towers is indicated on Figure 1. The towers are 25 and 122 m in height. Instrumentation<sup>(6)</sup> on the shorter tower was of a faster response type and recorded in more

TABLE 1. Krypton-85 Tracer Releases

				Duration	Total	Release	Wind Speed	Qualitative
Test	Date	Start	End	(min G	Emitted	Rate	at l.5m	Thermal
No.	(1967)	(PST)	(PST)	sec)	(Ci)	(Ci/sec)	(mps)	Stability
Pl	Aug 18	0312	ł	ı	10.9	1	2.5	Stable
P2	Sep 14	z 300 - 00	t	I	10.0	I	۲ ri	Very Stable
C1	Sep 15	000000	0015:28	15:28	10.9	0.0117	<b>D</b> 3	Very Stable
P3	0ct 17	0738 00	t	I	10.0	ı	4.2	Neutral
C2	0ct 17	0801 50	0816:55	15:05	10.9	0.0120	3.9	Unstable
P4	0ct 17	0838 15	1	ł	10.0	1	4.9	<b>Unstable</b>
ΡS	0ct 23	1052 40	1	1	10.0	ł	8.0	Unsta <b>7</b> 1e
C 3	0ct 23	1101:25	1115:40	14:15	23.8	0.0278	7.1	Unsta <b>T</b> le
P6	0ct 23	1130.00	ł	J	10.0	ı	7.3	Unsta <del>v</del> le
ЪТ	0ct 24	1052:30	I	ł	10.0	ı	4 6	Unstable
C 4	0ct 24	1104;30	1114:28	9:58	22.8	0.0388	3_9	Unstable
C 5	Nov 8	0512:22	0532:13	19:51	20.4	0.0171	2-6	Stable
P8	Nov 8	0602:00	1	I	10.0	ł	1.5	Stable

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detail than that mounted on the 122-m tower. Therefore, information when available from the shorter tower, was used in compiling the data reported in Appendix A.

Let us examine Test Cl data on Page A-9 of Appendix A as an example of data generated completely at the 25-m tower. The time of 0000 listed in the first column signifies that the data at the right are applicable to the interval 0000:00 PST to 0001:00 PST. These minute-by-minute data follow until such a time as either 1) the instruments are turned off, or 2) tracer is no longer detectable on the field grid. The space skipped after each 5 min of data on the aforementioned page is merely for convenience in reading the table. On Page A-8, at the conclusion of the minute-by-minute data, the data are summarized by 5-min periods (e.g. minutes 0000 to 0004, inclusive), and finally, over a period embracing all or nearly all of the data collection period.

With the exception of Test Pl on Page A-1, all wind speed, speed standard deviation, and direction standard deviation data were obtained from measurements on the 25-m tower, and are reported in the manner just described. Since the 25-m instrumentation was inoperative during Test P1, wind speeds reported for this test were read from strip charts generated by Aerovane sensors mounted on the 122-m tower. Since the chart speed was only 3 in./hr, the tabled one-minute increments of speed obtained from the chart are relatively imprecise. Any attempt to generate standard deviations from the 3 min of data during puff transport would be essentially meaningless, particularly if these data were expected to be compatible with the standard deviations generated from the 25-m tower data. The method of generating standard deviations from the 25-m tower instrumentation will be described shortly.

During this test series, the 25-m tower temperature system operated satisfactorily only during Tests C1, P2, P4, and P6. This temperature system, when in operation, reported an air temperature for each sensor twice a minute. Thus temperatures are available for completion of the meteorological appendix on a minute-by-minute basis for these four tests. For the remaining nine releases, temperatures from the 122-m tower were employed in the preparation of Appendix A. Since the frequency of temperature reporting for each sensor on this taller tower was about once per 4 min, no data are presented in the minute-by-minute portion of the tables. Note that the heights of temperature (or wind) sensors are not the same for both towers.

Since the type of wind sensors used and the method of recording data have a bearing on the values of the standard deviations of wind speed and direction, a brief description of the wind measuring-recording system on the 22-m tower is in order. The wind speed sensors were Beckman and Whitley Model M 1564 three-cup anemometers. The circuitry was arranged to permit accumulation of an integrated wind speed by each anemometer for 3.5 sec, after which 1.5 sec were consumed in signal processing and recording. Thus, in each minute, 12 such recorded bits of wind speed were accumulated for each anemometer. These 12 bits of data were employed in generating a mean wind speed and speed standard deviation listed for each minute for each test in Appendix A.

The wind direction transducers employed were Beckman and Whitley Model 1565 vanes. The output signals from the wind vane transducers were smoothed by a filter having a 5 sec time constant. The filter output was sampled for 60 msec once each 5 sec, digitized, and recorded. The resultant 12

recorded directions for each minute were the input for the standard deviation listed in the meteorology appendix. Inasmuch as the wind vanes were relatively poorly oriented during this test series, no mean directions are given.

## TRACER CONCENTRATION DATA

Time-histories of concentration are presented in Appendix B. The data are presented in the form of reproduction of computer printer listings. Isoplething of concentration values directly on these computer outputs reveals the coherent detail of concentration generated by the field system. Figure 6 is a composite of several pages of computer output with isopleths and supplemental headings and time scales added.

The first series of pages in Appendix B pertain to the eight puff releases ("P" tests). Concentration data for the short-period continuous releases ("C" tests) follow. The format of the concentration data presented for the puffs differs slightly from that presented for the plumes. The most important difference is that the relative concentrations listed in the body of the reports have units of counts/10 sec for the puffs, but units of counts/sec for the plumes.

A total of 1.9 counts/sec has been subtracted from the count rates listed in Appendix B. This subtracted value consists of a common mean background of about 1.2 counts/sec plus approximately three standard deviations of that mean.

Conversion of the relative concentrations (presented in the form of count rates) to meaningful atmospheric concentrations can be accomplished by means of the relationship.

#### $\chi = 0.103 R$

where  $\chi$  is krypton-85 concentration in  $\mu Ci/m^3$  and R is detector count rate in counts/sec.



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The headings listed at the beginning of each test are reasonably self-explanatory. For the puffs, these headings are repeated at the beginning of each page of data. For the plumes, these headings are given only when the column headings differ from the previous page. For the P tests, sums of count rates are given at the right and at the bottom of each set of data. These sums are omitted with the C test data.

For a row of data across a page on a P test, accumulation began at the time listed in the column at the extreme left of the page under the title SECONDS AFTER RELEASE. The accumulation of counts continued for a period of time equal to the DATA ACCUMULATION INCREMENT listed at the top of each page. The end of this increment coincides with the start of the increment whose time is listed at the left of the following row of data.

For the plume releases, no times are listed for each row of data. A time corresponding to the beginning of accumulation of the first row of data is given, however, in the heading preceding data for each C test. This time is specified as START OF DATA STORAGE. Since the number listed under DATA ACCUMULATION INCREMENT gives the length of time data were accumulated in each row, a time corresponding to each row of data can be computed. The start and end times for the plume emission are also listed at the start of each test.

In Appendix B, missing data are indicated by a "-1". For the continuous runs, this -1 appears only one time for each set of missing data and directly follows the heading which identifies the missing detector's azimuth (or elevation, in the case of tower samples). A series of -1's are recorded for the missing puff data.

#### COMMENTS ON INDIVIDUAL TESTS

In the course of conducting a series of field experiments, there are bound to be peculiarities or problems associated with specific tests. This series of tests was no exception. It is, then, appropriate to comment on the tests individually. They will be reviewed in chronological sequence. This sequence is that listed in Table 1.

Before beginning with the comments on individual tests, a general comment should be injected regarding data appearing either implausible or dead wrong. For example, there is strong evidence in the data from several tests that signal leads from detectors on the tower at 200 m, 130° were interchanged. However, because of necessary disconnections and reconnections of detector-to-memory leads during this prototype series, and because of relatively long delay between recording of data and subsequent plotting in a form suitable for detailed analysis, it was generally impossible to check on suspected misconnections. Therefore, data in Appendix B are presented as applying to the field detector of record at the time of record regardless of the plausibility of the picture presented.

Prior to some field tests, counts from the 64 field detectors were permitted to accumulate for a relatively long period of time prior to turning the time increment selector from the accumulate position to one of the automatic stepping positions. These counts were recorded in the 64 memory addresses allotted to the first time increment. In several instances, tracer arrived at the 200-m arc detectors while the data storage system was still in this accumulate mode. Even though the total time of count accumulation may be known in such situations, the computation of a count rate would be

misleading. For example, there were instances when background counts were being accumulated prior to tracer release, and count accumulation continued through the period when tracerinitiated counts began. A mean count rate for this period would have minimal significance. Therefore, only total counts above background are presented for the cases when tracer arrived while the system was in the accumulate mode. These net counts are listed in the individual test comments which follow. In these comments, the nomenclature "data storage period" does not include the time during which the system was in the accumulate mode, but only the period during which the stepping process was automatic.

A problem common to all tests was that the vertical Sampling did not extend to a great enough elevation to define the top of the diffusing puff or plume.

On 11 of the 13 field tests, above background count rates are presented for only one data storage period. On Tests P2 and P8, above background count rates are available for three data storage periods. However, for these latter two tests, discontinuities in the concentration data occur for the periods during which memory dump was taking place.

#### TEST P1

The upwind fetch was unobstructed during this test. The flatbed trailer (mentioned under TRACER DISPERSAL TECHNIQUES) was not yet in place.

The source ampule of krypton-85 was smashed by shooting it with a bullet, inasmuch as the guillotine dispersal technique had not been developed.

The time of source release and initiation of data collection was not as precisely known as on subsequent tests. The best estimate of time between source release and initiation of the first increment of data collection was 56 sec. It is

possible that some tracer arrived at the 200 m-arc before data collection started. It is obvious that above background counts continued beyond the 64<sup>th</sup> time increment, the last time increment available in memory. However, by the time the memory was read to magnetic tape and the system was placed in the record mode for the second time, all detectors were giving background signals. The period required on this first test to effect the dump and reactivate procedure was 91 sec.

There is no ready explanation for the rather coherent set of above background counts at ground level between 120° and 130° azimuth starting at about 80 seconds after release.

The puff drifted off the north end of the 200-m arc during the last half of the data storage period. The puff then apparently drifted to the north of all 800-m detectors, inasmuch as they recorded only background data. Therefore, no 800-m data are given in Appendix B.

The wind and temperature sensors on the 42-m tower were not in operation during this test.

## TEST P2

The trailer obstruction upwind of the source was in place, and continued in place throughout all subsequent tests in this series.

Smashing of the krypton-85 ampule again was by a rifle shot. The first shot punctured the ampule but did not shatter it completely. A second shot, 15 to 20 sec after the first, completed the breaking of the vial. It is felt that, although the first shot released the bulk of the tracer, some krypton likely remained shielded from the wind in the cuplike unbroken portion of the ampule until the second shot.

The tracer very likely reached the detector at 200 m, 130°, 10.7-m elevation prior to the first data storage period. However, since the system was not in the accumulate mode prior to this period, no positive statement can be made.

This puff, although reasonably well-contained within the horizontal confines of the grid at 200 m, extended beyond the south edge of the grid for the first 2 min of its passage at 800 m.

Only 32 time increments of data are available from the first of the three data storage periods during this test.

At 800 m, all counts were background during the first data storage period. Count rates were still well above background at the end of the third data storage period. However, no fourth storage period was initiated.

Although the detector at an elevation of 10.7 m on the 800-m, 130° tower was counting erratically during this test, its count rates are included in the Appendix B data.

## TEST C1

Tracer release began precisely at midnight, one hour after the release of the puff of Test P2.

Operation of the instrumentation in the accumulate mode failed to reveal the arrival of any tracer on the grid prior to the data storage period presented in Appendix B. Although the plume meandered off the north edge of the field grid before the end of the first data storage period, count rates were very near background as the plume made its departure.

#### TEST P3

This release was the first of a series of three releases made within the period of one hour.

Prior to the listed data for the storage period, programmer control was in accumulate rather than automatic. In this case, there is evidence that tracer arrived prior to the arrival of data listed in Appendix B. Although the total amount of tracer passing during the pre-storage period was small, the accumulated net counts above background (not count rate) for the 200-m arc are as follows:

Elevation	Net Count
1.5 m	9
1.5	120
1.5	81
1.5	156
1.5	92
1.5	24
1.5	12
1.5	18
1.5	248
0.8	185
3.0	271
6.1	683
10.7	1238
	Elevation 1.5 m 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5

Tracer concentration at all detectors fell to background level prior to the completion of the data storage period. The tracer was completely contained horizontally within the sampling grid.

#### TEST C2

Minor amounts of tracer passed the 200-m arc while the system was in the accumulate mode. These net counts for the 200-m arc, accumulated prior to the Appendix B data, are as follows:

<u>Azimuth</u>	Elevation	Net Count
116°	1.5 m	24
118	1.5	26
120	1.5	82
122	1.5	108
124	1.5	399
126	1.5	527
128	1.5	800

Azimuth	Elevation	Net Count
130° 132	1.5 m 1.5	$\begin{array}{c}1118\\770\end{array}$
$130 \\ 130 \\ 130 \\ 130 $	$0.8 \\ 3.0 \\ 6.1$	907 1042 820
130	10.7	1165

The south edge of the plume meandered off the field grid on several occasions. Tracer concentration at all detectors fell to background level prior to the completion of the data storage period.

## TEST P4

It is possible that a very minor amount of krypton reached the 200-m detectors prior to the first Appendix B data, but since no data were collected prior to the first listed Appendix B data, no proof or disproof can be given.

From the standpoint of horizontal containment, the test was the least successful of the series. Approximately half the tracer passed to the south of the sample grid.

Tracer concentration at all detectors was down to background level prior to the completion of the data storage period.

#### TESTS P5. C3. and P6

These three field releases were made within a period of 38 min. Because of high wind speeds, it was considered practical to start the automatic data storage increments well before tracer arrival and to continue them beyond the time when tracer cleared the field grid. This fact may not be obvious in the case of the 200-m data for Test C3. However, two 38.4-sec time increments of background count rates preceded the data first tabled in Appendix B. Plume meander during Test C3 was great enough to cause above background counts on all 1.5-m detectors at 200 m. Significant amounts of tracer no doubt passed to the south of the sampling grid on both arcs during this test.

Tracer was completely embraced in the horizontal during Tests P5 and P6.

## TEST P7

Some tracer arrived prior to switching the monitoring system from accumulate to automatic. Net counts due to this tracer at 200 m follow.

Azimuth	Elevation	Net Count
106°	1.5 m	34
108	1.5	0
110	1.5	673
112	1.5	679
114	1.5	674
116	1.5	1,260
118	1.5	248
120	1.5	61
122	1.5	30
114	0.8	1,643
114	3.0	3,883
114	6.1	12,620
114	10.7	8,524
130	0.8	5
130	3.0	25
130	6.1	171
130	10.7	0

Tracer was completely embraced within the horizontal extent of the grid during this test, and tracer concentration at all detectors was down to background level prior to the completion of the data storage period.

#### TEST C4

It is unlikely that tracer reached the 200-m detectors prior to acquisition of the first Appendix B data, since transport speeds in excess of 8 mps would have been required. No wind speeds that high were recorded at any tower level. However, since no data were collected prior to the first listed Appendix B data, no absolute proof can be given.

Krypton was not completely contained at the southern edge of the grid.

Tracer concentration at all detectors was down to background level prior to the completion of the data storage period.

## TEST C5

The data storage period started well before the arrival of krypton at the 200-m arc and continued past the time tracer cleared the 800-m arc. Four 38.4-sec time increments of background count rates preceded the data first tabled in Appendix B.

From the standpoint of plume containment in the horizontal, Test C5 was the most successful. As is illustrated in Figure 6, the plume reached the edge of the sampling grid on only one brief occasion.

#### TEST P8

The first data storage period started well in advance of the first tracer arrival at 200-m detectors. However, by the end of the first storage period, tracer had not cleared the 200-m arc and had only started to appear at 800 m. Obviously the puff had "stretched" to a length of greater than 600 m at this time. A second storage period was initiated. During this second period, tracer concentrations fell to background levels at 200 m, but continued above background at 800 m. A third data storage period was required before the 800-m detector counts fell to background.

During the test, tracer extended slightly beyond the southern extremity of the grid at both 200 and 800 m.

## ACKNOWLEDGEMENT

It is appropriate here to acknowledge the continuing numerous contributions of Donald W. Glover as the krypton tracer system proceeded from the procurement stage through fabrication, field installation, and field testing.

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# METEOROLOGY
## Generation 0312 PST 10 Curies August 18, 1967

	Time,	Mean	Wind S n MPS	Speed	Mear Degi	n Temp rees FA	in HR-
	PST	2.1m	15m	30m	0.9m	<u>15m</u>	<u>30m</u>
	0312	2.8	4.4	5.9			
	0313	2.5	3.8	4.8			
	0314	2.4	3.8	4.8			
to	0312 0314	2.6	4.0	5.2	82.9	84.8	85.2

### Generation 2300:00 PST 10 Curies September 14, 1967

Time	llean	Wind	Speed	Spee	d Stan	dard MDS	Dir	Stand	ard	Mea	n Temo rees F	in лир	
PST	1.5m	<u>6.1m</u>	24.4m	<u>1.5m</u>	<u>6.1m</u>	24.4m	<u>1.5m</u>	<u>6.11.</u>	24.4m	1.5m	<u>6.1m</u>	24.4m	
2300 2301 2302	1.1 1.2 1.1	2.4 2.4 2.5	4.9 4.9 5.0	0.06 0.06 0.10	0.09 0.10 0.08	0.15 0.16 0.21	2.4 2.5 2.5	1.0 0.7 1.2	8.0 9.0 9.0	65.6 66.0 65.5	68.6 68.5 69.0	71.9 71.8 71.8	
2303 2304 2305 2306 2307	1.2 1.3 1.3 1.2 1.2	2.7 2.7 2.6 2.6 2.6	5.0 5.1 4.9 4.8 4.8	0.09 0.14 0.14 0.06 0.12	0.10 0.08 0.12 0.07 0.12	0.12 0.17 0.17 0.19 0.08	3.1 2.7 3.8 2.0 2.1	1.1 0.8 1.2 1.4 0.9	0.9 0.7 1.2 1.0 0.8	65.3 65.9 65.3 65.8 65.7	68.7 69.0 69.2 69.1 68.9	71.7 71.7 71.9 71.6 71.3	
2308 2309 2310 2311 2312	1.3 1.3 1.4 1.3	2.6 2.5 2.6 2.7	4.8 5.0 4.9 5.2 5.0	0.08 0.07 0.12 0.09 0.11	0.11 0.10 0.14 0.16 0.20	0.19 0.23 0.22 0.20 0.38	2.3 1.7 1.8 2.2 2.7	0.7 2.1 1.3 1.0 1.5	1.0 1.2 1.4 1.0 1.1	65.4 65.7 65.8 65.1 64.7	68.7 68.1 68.0 68.0 67.9	71.0 71.0 71.1 71.3 71.5	
2313 2314 2315 2316 2317	1.4 1.4 1.3 1.4 1.3	2.8 2.7 2.5 2.5 2.7	5.0 5.1 5.3 5.4 5.4	0.08 0.07 0.09 0.12 0.19	0.12 0.18 0.21 0.23 0.16	0.25 0.15 0.14 0.18 0.09	2.4 2.5 2.8 3.4 3.6	2.3 2.8 2.4 1.2 2.1	1.3 1.1 0.5 0.5 0.8	65.0 64.4 64.3 63.9 64.3	69.1 68.1 67.8 66.6 67.2	71.5 71.1 70.9 71.3 71.1	
2318 2319 2320	1.1 1.2 1.0	2.5 2.5 2.2	5.5 5.5 5.9	0.11 0.18 0.18	0.18 0.16 0.16	0.16 0.12 0.12	4.5 3.5 4.3	2.3 1.3 2.3	0.9 1.2 0.6	64.1 64.4 64.4	66.6 66.2 66.1	70.8 70.8 71.9	
2259 to 2302	1.1	2.4	4.9	0.09	0.11	0.17	3.8	1.3	1.0	65.8	68.8	71.8	
2303 to 2307	1.3	2.6	4.9	0.12	0.11	0.18	4.8	1.6	1.5	65.6	69.0	71.7	
2308 to 2312	1.3	2.6	5.0	0.10	0.15	0.29	3.0	1.6	1.3	65.3	68.2	71.2	
2313 to 2317	1.4	2.6	5.3	0.12	0.20	0.23	3.4	3.3	1.1	64.4	67.8	71.2	
2300 to 2320	1.3	2.6	5.1	0.15	0.18	0.34	4.4	2.9	2.4	65.1	68.1	71.4	

### Generation 0738:00 FST 10 Curies October 17, 1967

	Time,	'lean	Mincl in MPS	Speed	Spee Devi	ed Stan ation,	dard MPS	.Dir Devi	Stand ation,	ard DEG	Temr Deg	ieratum rees F	re in FAHR
	PST	1.5m	b.Im	24.4m	1.5m	6 <b>.</b> 1m	24.4m	1.5m	<u>6.1m</u>	<u>24.4m</u>	<u>0.9m</u>	<u>15m</u>	<u>30m</u>
	0738 0739 0740 0741 0742	4.1 4.1 3.8 4.1 4.8	5.5 5.5 5.0 5.3 6.2	6.8 6.1 6.2 6.5 6.4	0.88 0.66 0.95 0.52 0.48	0.96 0.64 0.41 0.42 0.42	0.43 0.63 0.48 0.37 0.49	4.0 3.7 5.3 4.5 7.5	3.4 2.1 5.2 2.7 5.0	2.1 3.9 3.9 2.5 2.5			
	0743	3.8	5.0	5.7	0.55	0.58	0,89	4.5	1.8	3.2			
to	0738 0742	4.2	5.5	6.4	0.79	0.72	0.54	5.2	4.2	3.1	53.5	52.7	51.8
to	0738 0743	4.1	5.4	6.3	0 <b>.7</b> 6	0.72	0.67	5.1	4.0	3.1	53.5	52.7	51.8

#### Generation 0838:15 PST 10 Curies October 17, 1967

Time,	Mean	Wind in MPS	Speed	Spee Dev	d Stan iation,	dard MPS	Dir Dev	Stand	ard DEG	Mea Deg	n Temp grees F	in AHR
PST	1.5m	<del>6.]m</del>	24 <b>.</b> 4m	<del>1.5m</del>	<del>6.1m</del>	24.4m	1.5m	6.1m	24.4m	1	6.1m	24.4m
0838* 0839 0840 0841 0842	5.4 4.5 5.0 4.3 3.7	7.0 6.3 6.6 5.4 4.8	8.7 7.9 7.9 6.3 6.7	0.71 0.84 0.70 0.90 0.77	0.86 1.12 0.45 0.53 0.59	0.59 0.57 0.84 0.27 0.66	6.1 5.6 4.1 4.5 7.5	4.1 6.2 2.7 4.9 6.8	2.5 2.8 3.4 3.2 5.7	55.6 56.1 56.5 57.1 58.5	53.5 55.3 54.9 55.3 56.6	53.6 54.3 54.0 55.0 54.7
0838:15 to 0842	4.6	6.0	7.6	0.95	1.08	0.97	7.4	7.3	4.6	56.8	55.4	54.3

\*Data far 0838:15 to 0839:00 only.

### TEST P5

#### Generation 1052:40 PST 10 Curies October 23, 1967

Time,	Mean	Wind in 'IPS	Speed	Spee Dev	d Stan iation,	dard MPS	Dir Devi	Stand	ard DEG	Tem Des	peratur <b>2rees</b> F.	e in AHR
PST	1.5m	6.lm	24.4m	1 <b>.</b> 5m	6.1m	<u>24.4m</u>	<u>1.5m</u>	<u>6.1m</u>	24_4m	0_9m	<u>15m</u>	<u>30</u> m
1052* 1053 1054 1055 1056 1057	8.1 7.4 8.4 7.4 6.9 8.6	11.6 9.9 10.7 9.9 8.7 11.7	13.5 12.8 12.4 11.9 12.1 13.5	0.62 1.70 1.06 1.42 2.02 1.43	0.65 1.67 1.02 1.54 2.33 1.44	0.82 1.03 1.21 1.35 2.15 1.36	3.5 7.4 4.9 3.4 5.6 4.5	5.4 4.8 4.6 4.0 7.1 3.4	1.9 1.8 3.3 2.9 5.4 4.7			
1052:40 to 1056	7.6	9.9	12.4	1.58	1.80	1.48	6.4	6.1	4.9	60.0	57.5	56.6

\*Data for 1052:40 to 1053:00 only.

#### Generation 1130:00 PST 10 Curies October 23, 1967

	Time,	Mean	Wind in MPS	Speed	Spee Dev	d Stan iation,	dard MPS	Dir Devi	Stand	ard DEG	Mea Des	n Temp grees F	in AHR
	PST	1.5m	6.1m	24.4m	1.5m	<u>6.1m</u>	24.4m	1.5m	<u>6.1m</u>	<u>24.4m</u>	<u>1.5</u> m	<u>6.1m</u>	<u>24.4m</u>
	1130 1131 1132 1133	7.1 7.7 7.0 7.3	8.6 9.6 9.5 9.8	10.9 11.8 12.2 12.2	1.38 1.47 0.79 1.21	1.78 1.33 1.07 0.76	1.64 1.03 1.06 0.91	5.4 3.3 3.7 7.6	7.4 2.5 4.4 8.4	6.6 1.9 3.9 5.4	59.1 59.2 59.6 58.6	58.6 57.7 57.2 56.9	56.3 55.8 55.7 55.4
to	1130 1133	7.3	9.4	11.8	1.23	1.33	1.28	5.9	6.6	4.8	59.1	57.6	55.8
to	1130 1134	7.2	9.3	11.7	1.19	1.25	1.20	5.4	6.2	4.6	59.2	57.7	55.9

## TEST P7

#### Generation 1052:30 PST 10 Curies October 24, 1967

		Mean	Mean Wind Speed			d Stan	dard	Dir	Stand	ard	Теф	oeratur	re in
	Tine,		in MPS		Dev	iation,	MPS	Devi	ation,	DEG	Deg	rees F	AHR
	PST	1.5m	6.lm	24.4m	1.5m	6.Im	24.4m	nc.I	6 <b>.</b> . m	24.4m	0 <b>.</b> 9m	15m	30m
	1052*	4.7	5.1	6.2	0.57	0.55	0.43	4.3	1.8	3.5			
	1053	5.4	6.3	6.9	0.59	0.76	0.33	5.5	3.1	2.3			
	1054	4.3	5.1	6.1	0.83	0.74	0.29	4.1	3.3	4.2			
	1055	4.3	5.4	6.3	1.05	1,18	0.61	6.6	7.9	6.8			
	1056	4.0	4.9	6.0	0.42	0.53	0,59	8.6	7.7	10.7			
	1057	3.9	5.1	6.3	0.96	0.83	0.82	9.8	7.9	7.1			
to	1052:30 1056	4.5	5.4	6.3	0.87	0.94	0.57	9.1	8.8	8.9	54.4	51.9	50.8

\*Data for 1052:30 to 1053:00 PST only.

### Generation 0602:00 PST 10 Curies November 8, 1967

	Time.	Mean Wind Speed   in MPS   1.5m 6.1m 24.4   1.4 2.4 4.1   1.2 2.1 4.4		Sneed	Spee nevi	d Stan ation.	dard MPS	Dir Devi	Stand	ard DEG	Temp Deg	eratur rees E	e in AHR
	PST	<b>1.</b> 5m	6.1m	24.4m	1.5m	<u>6.1</u> m	24.4m	1.5m	6.1m	24.4m	0.9m	15m	30m
	0602 0603 0604 0605 0606	1.4 1.2 1.6 1.5 1.5	2.4 2.1 2.3 2.3 2.4	4.7 4.5 4.3 4.5 4.4	0.16 0.20 0.18 0.16 0.23	0.33 0.32 0.38 0.15 0.25	0.26 0.27 0.26 0.36 0.35	4.5 4.5 4.0 4.5 4.6	3.7 5.4 3.4 3.8 2.6	1.9 3.8 2.4 2.2 2.5			
	0607 0608 0609 0610 0611	1.7 1.8 1.6 1.6 2.0	2.2 2.5 2.6 2.4 2.8	4.6 4.5 4.7 4.7 4.9	0.27 0.25 0.30 0.26 0.23	0.22 0.31 0.25 0.24 0.27	0.25 0.32 0.39 0.25 0.20	6.4 3.3 4.4 4.0 3.4	4.5 2.8 3.2 4.0 2.1	2.4 2.2 3.2 1.6 1.4			
	0612 0613 0614 0615 0616	2.0 2.0 2.2 2.0 2.4	2.9 2.8 3.1 3.1 3.0	4.5 5.0 5.1 5.3 5.0	0.34 0.39 0.30 0.35 0.43	0.26 0.36 0.35 0.41 0.29	0.23 0.30 0.36 0.33 0.16	3.5 3.9 2.3 6.1 5.5	3.9 3.1 2.7 3.7 2.9	1.8 2.1 1.3 1.3 1.8			
	0617	1.8	2.8	5.1	0.22	0.22	0.36	6.2	4.5	1.8			
to	0602 0606	1.5	2.3	4.5	0.22	0.32	0.32	8.1	7.0	4.4	40.5	41.6	42.0
to	0607 0611	1.7	2.5	4.7	0.29	0.33	0.31	8.9	7.0	2.8	40.2	41.5	41.9
to	0612 0616	2.1	3.0	5.0	0.38	0.34	0.37	6.2	6.0	2.9	40.1	41.5	41.8
to	0602 0611	1.6	2.4	4.6	0.29	0.34	0.33	8.7	7.3	3.7	40.3	41.5	42.0

# TEST C1

### Generation 0000:00 to 0015:28 PST 10.9 Curies September 15, 1967

Time	Mean	Wind	Speed	Spee	d Stan	dard MPS	Dir Devi	Stand	ard DEG	Mea	n Temp Tees F	in Анр
PST	1.5m	<u>6.1m</u>	<u>24.4m</u>	<u>1.5m</u>	<u>6.1m</u>	<u>24.4m</u>	<u>1.5m</u>	<u>6.1m</u>	<u>24.4m</u>	<u>1.5m</u>	<u>6.1m</u>	<u>24.4m</u>
0000 0001 0002 0003 0004	1.2 1.2 1.0 1.1 0.9	2.2 2.1 2.2 2.2 2.0	4.8 4.8 4.8 4.8 4.8 4.9	0.10 0.15 0.12 0.12 0.07	0.19 0.17 0.14 0.15 0.16	0.18 0.16 0.23 0.20 0.37	1.3 3.4 3.5 4.3 3.1	1.4 1.3 1.7 1.2 2.1	0.9 1.3 0.9 1.2 1.2	64.3 63.7 63.9 64.0 63.5	66.7 66.5 66.0 66.2 65.9	69.8 69.6 69.6 70.1 69.6
0005	1.1	2.3	5.1	0.10	0.23	0.26	4.1	2.4	0.9	62.9	66.8	69.4
0006	1.1	2.3	5.0	0.12	0.13	0.27	2.9	2.0	0.8	63.0	66.3	69.7
0007	1.2	2.4	5.0	0.19	0.16	0.17	3.3	2.8	1.2	63.7	66.7	69.1
0008	1.4	2.7	5.0	0.17	0.22	0.18	3.0	1.6	1.3	64.6	67.2	69.5
0009	1.5	2.6	5.1	0.18	0.18	0.20	3.3	1.6	0.7	64.2	67.0	69.7
0010	1.3	2.4	5.3	0.16	0.23	0.24	3.4	2.6	1.0	63.7	66.7	69.5
0011	1.4	2.6	5.3	0.13	0.26	0.20	2.3	1.8	1.1	64.6	66.8	69.3
0012	1.4	2.4	5.1	0.25	0.28	0.31	2.4	2.5	1.1	64.4	67.3	69.8
0013	1.3	2.5	5.0	0.12	0.22	0.21	3.6	1.6	1.5	65.1	66.6	69.6
0014	1.2	2.1	4.7	0.17	0.28	0.24	2.4	2.6	1.5	65.2	66.7	68.7
0015	1.0	1.9	4.9	0.10	0.14	0.22	5.0	4.0	1.0	64.6	66.1	69.3
0016	1.1	2.1	4.8	0.17	0.23	0.17	4.9	2.5	0.9	63.6	65.9	68.6
0017	1.0	2.0	5.1	0.14	0.21	0.33	6.4	2.8	0.9	64.3	65.8	69.5
0018	1.2	2.3	5.1	0.22	0.22	0.20	5.3	2.6	1.9	64.1	65.8	69.8
0019	1.4	2.4	5.1	0.14	0.28	0.21	1.9	3.3	1.0	64.2	66.2	69.3
0020	1.2	2.3	5.1	0.12	0.19	0.28	5.2	3.4	1.1	64.6	65.5	69.2
0021	1.3	2.1	4.9	0.14	0.07	0.35	2.2	4.0	1.3	64.1	65.5	68.8
0022	1.1	2.1	5.6	0.19	0.25	0.18	4.3	3.8	0.8	63.3	66.0	69.9
0023	1.4	2.7	5.4	0.29	0.21	0.20	3.1	1.6	1.0	64.2	65.9	69.7
0024	1.4	2.6	5.4	0.14	0.16	0.19	5.7	3.0	1.1	63.9	66.4	69.8
0025	1.5	2.6	5.2	0.09	0.16	0.13	2.2	1.3	0.9	64.5	65.7	69.4
0026	1.4	2.5	5.1	0.18	0.28	0.16	4.1	2.3	0.8	64.5	65.6	69.3
0027	1.5	2.6	5.1	0.13	0.18	0.08	3.5	1.6	0.5	64.0	66.0	69.2
0028	1.6	2.5	5.1	0.19	0.20	0.15	2.6	1.1	0.7	63.8	65.8	69.5
0029	1.5	2.5	5.3	0.08	0.17	0.20	3.4	2.4	1.3	63.3	65.7	69.7
0030	1.5	2.7	5.2	0.12	0.09	0.13	4.1	2.6	1.1	63.8	65.7	69.4
0031	1.4	2.6	5.2	0.11	0.13	0.19	2.6	1.3	0.9	63.1	65.8	69.6
0032	1.4	2.8	5.2	0.24	0.13	0.14	2.6	1.8	0.8	63.5	66.4	69.7
0033	1.4	2.6	5.1	0.16	0.12	0.13	2.0	2.5	1.2	63.6	65.9	69.8
0034	1.3	2.7	5.0	0.16	0.17	0.18	2.8	2.6	2.0	63.0	65.8	69.4

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### <u>TEST C1</u> (Continued)

	Time.	Mean	Wind in MPS	Sueed	Suee Devi	ed Stan iation.	dard MPS	Dir Devi	Stand ation.	ard DEG	Mea Dec	n Temp Irees F	in AHR
	PST	<b>1.5</b> m	<u>6.1m</u>	24.4m	1.5m	<u>6.1m</u>	24.4m	<u>1.5m</u>	<u>6.1m</u>	<u>24.4m</u>	<u>1.5m</u>	<u>6.1m</u>	24.4m
	0035 0036 0037 0038 0039	1.3 1.4 1.4 1.2 1.3	2.7 2.8 2.7 2.5 2.5	5.0 4.8 4.8 4.7 4.6	0.21 0.11 0.28 0.20 0.15	0.08 0.12 0.18 0.16 0.11	0.15 0.26 0.13 0.14 0.26	2.3 2.1 3.0 5.9 2.5	1.5 1.4 3.2 1.6 0.7	2.0 0.8 1.3 1.3 1.0	62.7 63.5 63.0 62.5 63.4	65.8 66.7 66.1 66.1 66.2	69.5 69.5 69.0 69.5 69.4
to	0000 0004	1.1	2.1	4.8	0.15	0.18	0.24	6.3	2.6	1.3	63.9	66.3	69.7
to	0005 0009	1.3	2.5	5.0	0.21	0.24	0.22	4.2	2.8	1.2	63.7	66.8	69.5
to	0010 0014	1.3	2.4	5.1	0.18	0.31	0.33	4.3	3.6	1.3	64.6	66.9	69.4
to	0015 0019	1.1	2.1	5.0	0.20	0.29	0.26	5.1	3.4	1.3	64.2	66.0	69.3
to	0020 0024	1.3	2.4	5.3	0.21	0.30	0.34	5.7	4.2	1.3	64.0	65.9	69.5
to	0025 0029	1.5	2.5	5.2	0.15	0.20	0.17	6.0	2.8	1.2	64.0	65.8	69.4
to	0030 0034	1.4	2.7	5.1	0.16	0.13	0.18	3.6	2.5	1.3	63.4	65.9	69.6
to	0035 0039	1.3	2.7	4.8	0.22	0.17	0.23	5.5	3.1	1.8	63.1	66.2	69.4
to	0000 0039	1.3	2.4	5.0	0.23	0.31	0.30	11.8	8.4	3.7	63.9	66.2	69.5

## TEST C2

### Generation 0801:50 to 0816:55 PST 10.9 Curies October 17, 1967

Time,	Mean	Wind in MPS	Speed	Spee Dev:	d Stan iation,	dard MPS	Dir Devi	Stand ation,	ard DEG	Tem Deg	peratur grees F	e in AHR
PST	<b>1.</b> 5m	<u>6.1m</u>	<u>24.4m</u>	<u>1.5</u> m	<u>6.1m</u>	<u>24.4</u> m	<u>1.5m</u>	<u>6.1m</u>	<u>24.4m</u>	<u>0.9m</u>	15m	<u>30</u> m
0801* 0802 0803 0804 0805	3.6 3.4 3.5 4.2 4.2	4.6 4.2 4.7 5.3 5.1	6.1 5.1 5.7 6.2 6.0	0.68 0.89 0.78 0.83 0.72	0.46 0.88 0.45 0.78 0.63	0.15 0.87 0.10 0.67 0.53	2.8 8.4 6.0 5.6 2.7	1.8 7.2 5.3 3.5 3.2	1.4 7.9 3.8 2.4 4.2			
0806 0807 0808 0809 0810	4.1 3.3 4.2 4.1 3.3	5.1 4.2 5.1 5.4 4.7	5.8 5.0 6.6 6.7 5.5	0.55 0.63 1.04 0.87 0.51	0.49 0.74 0.69 0.77 0.58	0.48 0.58 0.98 0.67 0.41	3.0 7.0 6.7 5.3 6.2	5.4 7.4 6.1 6.1 7.1	2.9 3.5 4.4 4.8 6.0			
0811 0812 0813 0814 0815	3.2 4.4 3.6 5.1 4.2	4.1 5.3 4.3 6.4 6.2	6.1 6.0 5.6 6.6 7.1	0.81 0.75 0.49 0.59 0.84	1.02 0.58 0.62 0.72 0.76	0.56 0.56 0.56 0.81 0.54	6.9 2.4 4.7 5.5 5.0	6.3 4.5 7.2 3.2 7.2	5.2 3.5 6.1 2.5 4.9			
0816	4.3	5.3	6.8	1.01	1.05	0.80	4.8	3.7	4.8			
0801:50 to 0805	3.8	4.8	5.8	0.86	0.79	0.89	6.4	5.1	4.1	53.4	52.6	52.0
0806 to 0810	3.8	4.9	5.9	0.84	0.77	0.91	5.8	6.3	4.6	53.9	52.7	52.1
0811 to 0815	4.1	5.3	6.3	0.96	1.20	0.78	5.4	6.7	4.8	54.5	53.1	52.4
0801:50 to 0816	3.9	5.0	6.1	0.90	0.97	0.90	6.1	6.1	4.7	54.1	52.8	52.2

\*Data for 0801:50 to 0802:00 only.

## TEST\_C3

### Generation 1101:25 to 1115:40 PST 23.8 Curies October 23, 1967

	Time	Mean	Wind	Speed	Spee	d Stan	dard	Dir	Stand	ard	Temp	beratur	e in
	PST	1.5m	<u>6.1m</u>	<u>24.4m</u>	<u>1.5m</u>	<u>6.1m</u>	<u>24.4m</u>	<u>1.5m</u>	<u>6.1m</u>	<u>24.4m</u>	<u>0.9m</u>	<u>15m</u>	<u>30m</u>
	1101	7.7	10.4	13.4	1.67	2.05	1.41	3.7	4.4	2.8			
	1102 1103 1104 1105 1106	7.4 6.8 8.2 8.6 6.3	9.5 8.9 10.1 11.4 8.9	13.0 11.9 12.8 13.9 11.1	1.29 0.99 1.54 1.50 1.25	1.36 1.11 1.51 1.90 1.03	1.33 1.13 1.43 0.90 1.16	3.9 5.5 4.2 4.1 6.3	1.5 5.4 5.0 3.4 4.8	3.7 4.0 3.5 2.5 3.4			
	1107 1108 1109 1110 1111	7.0 6.6 7.2 6.8 6.6	9.0 8.1 9.2 8.7 8.5	11.9 9.9 11.3 10.8 10.3	1.80 1.96 1.60 1.07 0.92	1.78 1.90 1.30 0.81 1.02	1.06 1.58 1.84 1.22 0.75	5.2 13.1 5.2 2.9 4.5	6.3 12.1 3.7 3.9 3.6	6.4 6.5 3.0 3.8 7.1			
	1112 1113 1114 1115 1116	7.0 7.0 6.7 7.4 6.6	9.6 9.4 9.9 9.7 8.9	11.3 12.8 12.7 12.0 10.6	1.22 1.33 0.87 0.73 1.16	1.28 1.57 1.07 1.05 1.26	1.46 0.93 0.69 1.00 1.40	7.9 7.2 2.8 11.7 3.7	4.4 4.7 2.1 9.5 3.0	3.6 2.5 1.7 5.9 3.2			
	1117 1118 1119	6.3 7.8 6.2	8.4 9.8 8.1	10.5 11.8 11.4	0.74 1.15 1.42	1.55 1.33 1.86	1.35 0.76 0.64	5.5 3.5 5.5	6.5 5.2 3.4	5.5 2.6 3.0			
to	1102 1106	7.5	9.8	12.6	1.54	1.67	1.53	5.6	6.1	3.8	60.1	57.9	56.7
to	1107 1111	6.8	8.7	10.8	1.49	1.43	1.49	7.5	8.3	9.4	60.5	58.2	57.3
to	1112 1116	6.9	9.5	11.9	1.08	1.26	1.38	9.8	8.8	8.1	60.7	58.2	57.1
to	1117 1121	6.9	9.0	11.6	1.40	1.67	1.32	6.5	6.6	5.7	61.2	58.3	57.2
to	1101 1115	7.1	9.4	11.9	1.44	1.59	1.64	9.8	10.1	8.9	60.4	57.9	57.1

### TEST C4

#### Generation 1104:30 to 1114:28 PST 22.8 Curies October 24, 1967

	Time	Mean	Wind	Speed	Spee	d Stan	dard	Dir	Stand	ard	Temp	beratur	e in
	PST	1.5m	<u>in MPS</u> 6.1m	24.4m	1.5m	<u>ation,</u> 6.1m	24.4m	1.5m	<u>ation,</u> 6.1m	24.4m	0.9m	<u>rees г</u> 15m	30m
	1104 1105 1106	4.3 4.2 4.8	5.6 5.3 5.6	6.7 6.3 6.8	1.45 1.13 0.94	1.51 0.81 1.21	1.28 0.74 1.25	6.0 4.4 7.0	7.0 4.8 7.3	3.3 4.9 2.7			
	1107 1108 1109 1110 1111	3.9 4.3 3.8 2.9 3.3	5.3 5.3 4.5 3.4 4.4	6.1 5.6 4.6 4.8	0.60 0.82 0.85 1.01 0.63	0.65 0.38 0.68 0.91 0.82	0.36 0.61 0.56 1.06 0.70	9.5 5.8 4.7 12.2 7.1	7.6 6.4 3.8 14.5 4.1	5.0 9.0 3.7 9.4 11.2			
	1112 1113 1114 1115	3.6 3.5 4.2 3.6	4.5 4.5 5.0 4.7	5.3 5.1 6.0 5.3	1.13 0.77 0.65 0.72	1.09 0.89 0.79 0.72	0.96 0.46 0.67 0.62	8.4 10.4 2.3 8.3	6.2 14.8 4.3 5.0	8.9 8.2 1.8 2.3			
to	1102 1106	4.5	5.7	6.7	1.07	1.04	0.96	5.9	6.0	4.9	56.1	52.6	51.5
to	1107 1111	3.6	4.6	5.1	0.92	0.99	0.91	13.3	14.2	12.1	56.7	52.9	51.7
to	1112 1116	3.6	4.6	5.3	0.90	0.84	0.79	12.7	13.8	12.3	55.3	52.5	51.4
to	1104 1115	3.9	4.9	5.6	1.02	1.07	1.09	13.0	14.4	12.5	56.3	52.7	51.6

### TEST C5

#### Generation 0512:22 to 0532:13 PST 20.4 Curies November 8, 1967

	т.	Mean	Wind S	Speed	Spee	d Stan	dard	Dir	Stand	ard	Temp	peratur	e in
	PST	1.5m	<u>in MPS</u> 6.1m	24.4111	$\frac{\text{Dev}_1}{1.5\text{m}}$	<u>ation,</u> 6.1m	24.4m	$\frac{\text{Dev}}{1.5\text{m}}$	<u>1ation,</u> 6.1m	24.4111	Deg 0.9m	<u>rees</u> F. 15m	<u>AHK</u> 30m
	0512* 0513 0514 0515 0516	2.2 2.0 2.6 2.7 2.3	3.2 2.9 3.6 3.5 3.3	4.9 4.8 5.3 4.8 4.7	0.36 0.35 0.51 0.63 0.28	0.27 0.42 0.35 0.59 0.56	0.55 1.02 0.40 0.29 0.38	6.7 5.7 4.9 3.2 3.8	2.9 3.6 5.4 3.6 3.9	4.1 2.4 4.1 4.5 3.1			
	0517 0518 0519 0520 0521	1.9 2.4 2.3 2.5 2.4	2.8 3.3 3.3 3.7 3.2	5.1 4.9 5.2 5.0 5.1	0.47 0.30 0.55 0.59 0.58	0.43 0.33 0.46 0.63 0.46	0.55 0.43 0.77 0.36 0.37	5.4 4.2 6.3 3.5 2.5	7.1 2.0 1.3 2.2 4.6	2.6 2.7 4.5 3.0 2.5			
	0522 0523 0524 0525 0256	2.5 3.0 2.9 2.8 3.1	3.3 3.8 3.7 3.7 4.2	5.0 5.0 5.4 6.0 6.0	0.51 0.53 0.54 0.57 0.40	0.47 0.33 0.67 0.51 0.47	0.48 0.45 0.47 0.54 0.65	5.1 4.4 4.9 5.5 <b>5</b> .9	3.1 2.7 3.2 4.3 3.9	4.8 3.4 2.8 2.9 4.2			
	0527 0528 0529 0530 0531	2.5 3.2 2.3 3.1 2.8	3.8 4.0 3.6 4.4 3.8	5.8 6.2 5.5 6.4 5.9	0.58 0.71 0.30 0.60 0.49	0.62 0.65 0.33 0.65 0.39	0.49 0.60 0.42 0.46 0.36	4.1 3.5 3.4 5.7 3.7	5.3 4.2 3.9 5.7 3.7	2.7 3.4 2.1 3.3 3.0			
	0532 0533 0534 0535 0536	3.0 2.7 3.0 2.6 2.2	4.1 3.6 3.8 3.7 3.0	5.9 5.2 5.9 5.1 5.3	0.48 0.39 0.39 0.36 0.41	0.60 0.45 0.45 0.40 0.40	0.59 0.67 0.48 0.56 0.61	5.0 2.2 5.4 6.3 4.0	4.1 3.8 4.2 3.2 3.8	2.1 2.2 3.4 3.9 5.8			
	0537	2.1	3.0	5.0	0.15	0.57	0.69	6.3	5.8	3.8			
to	0512:20 0516	2.4	3.3	4.9	0.51	0.51	0.61	5.4	4.4	4.0	42.6	43.2	43.3
to	0517 0521	2.3	3.2	5.1	0.53	0.54	0.51	5.5	5.2	3.9	42.3	43.3	43.3

\*Data for 0512:20 to 0513:00 only.

#### TEST\_C5 (Continued)

	Time	Mean	Wind in MPS	Speed	Saee Devi	d Stan ation	dard MPS	Di <b>r</b> Devi	Stand ation	ard DEG	Temp	eratur wees F	e in AHR
	PST	1.5m	<u>6.1m</u>	24.4m	<u>1.5m</u>	<u>6.1m</u>	24.4m	<u>1.5m</u>	<u>6.1m</u>	24.4m	<u>0.9m</u>	<u>15m</u>	<u>30m</u>
to	0522 0526	2.9	3.7	5.5	0.53	0.56	0.68	5.0	3.7	3.7	42.2	43.1	43.1
to	0527 0531	2.8	3.9	6.0	0.64	0.61	0.55	5.0	5.6	3.9	42.1	43.1	43.2
to	0532 0536	2.7	3.6	5.5	0.49	0.56	0.66	6.3	5.8	4.3	42.1	42.9	43.1
to	0512:20 0537	2,6	3.6	5.4	0.58	0.62	0.71	7.4	7.4	5.1	42.2	43.1	43.2

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APPENDIX B

# CONCENTRATIONS

	TEST P2	DIS	STANC 20	ΈF 0⊮	R O ETEI	~SOUR RS	CE	FUFF 2	RELE 300:0	A <b>SE</b> 0 PS	TIME T	DAT	TA ACO	UMUL 4.8 S	ATION SECONL	INCRE	MENT			·-		GRO	ŪND L	EVEI	_ — M) ~
										RELA	IVE (	CONCE	TRAT	ION IN	COUN	TS PE	R TEN	SECO	NDS	-					
	SECONDS AFTER RELEASE	Ð	I 094	<u> </u>	Е А 96	<u>с</u> Т 098	T 100	I 102	0 N 5 104	106	F M 108	R C E T 110	) <u>M</u> E 112	R 114	<u>s c</u> 116	) U L 118	R E 120	C V 122	E / A T 124	D I 126	E 0 128	G R N 130	E 132	E	CROSSWIND SUMS
• • •	1114,2		0	!	Ú	0	0	0	0	Q.	3	10	6	0	12	0		6	3	.8	0	0	O		48
	1119.0		3	·	0	0	0	0	0	0	0	0	1	6	6	0	٥	0	0	0		0			16
	1123.8		0	·	0	0	0	0	0	0	0	0	8	0	8	1	.0		. 0	0	0	0	1		18
	1128.6		0		0	0	0	1	0	0	0	8	0	14	10	1	0	1	0	0	0	Q	0		35
₩.	1133,4		0		0	0	0	0	0	0	0	3	12	3	1	0	0	0	3	0	0	0	0		22
-18	1138.2		1		Ō	0	0	0	0_	0	0	0	1	3	14	1	_0_	0	0	0	, <b>0</b> ,	6	. 0		26
	1143.0		0	I	0	0	0	0	C	0	6	8	0	0	3	8	0	0	0	0	0	0	0		25
	1147.8		0	1	0	0	0_	0	Q	1	0	10	. 0	6	12	10	6	0	0	0	0	0	. 0		45
	1152.6		0		0	0	0	0	0	0	0	12	0	8	20	O	0	0	0	_ 0	0	0	O		40
	1157.4		0		0	1	12	0	0	0	0	0	. 0	0	3	1	.0	0	0	0	0_	0	0		17,
	AZIMUTH SUMS	1	13	5	5	4	30	41	109	474	1802	4897	5090	4046	3209	1397	717	231	94	25	10	6	27		22227

TEST P2	015	TANCE 200	FROM	SOUR RS	CE	PUFF 2	RELE 300:00	ASE T: D PST	I ME	DAT	A ACC	UMULA 4.8 S	TION ECOND	INCRE S	MENT					GRO	UND L	EVEL	(1.5 M)
							ł	RELAT	VE C	ONCEN	TRATI	ON IN	I COUN	TS PE	R TEN	SEC	MDS						
SECONDS AFTER RELEASE	D	1 094	<u>к</u> 0 <sup>9</sup> 6	с Т 098	TCOT T	I 10 <sup>2</sup>	0 N 5 10\$	106	F 1 10 <sup>8</sup>	з р т ШО	мі Е 112	R 114	s o 116 <sup>E</sup>	U L 11 <sup>8</sup>	R E 120	C V 122	Е, А_Т 124	D I 126	E 0 128	G R N 130	E 132	Ε	S CROSSWIND SUMS
1027.8		0	۵	3	Q	0	. 0	۵	0	6	8	<b>1</b> 6	24	10	18	Q	1	0	0	0	0		86
1032.6		0	<u>.</u>	0		6		0	0	6	14_	1	14	. 18	12	. 8	0	0	۵	0	0		85
1037.4		0	0	. Q	Q	.0	0	. 0	1	¢	8	1	12	16	14	0	0	0	0	0	0		52
1642.2		0	0	0	0	<b>.</b> .O	O	. Q.	0	0	8.	٥	37	8	10	28	0	0	0	0	0		91
1047.0		0	0	C	0	0	0	O	8		10	12	14	0	<u>1</u> 4	10	1.	0	0	0	. 0		69
1051.8		0	1	. 0	0	Q	0	. <u>Q</u>	., 0	0	3	6	20	8	3	12	1	0	0	0	1		55
1056.6		0	0	0	0	0	0	0	0	0	<b>1</b> 6	0	0	18	10	6	0	0	0	0	8,		58
1061.4		Q	0	0	0		0	Q	6	0	0_	<u> </u>	_20	0	6	8	0	0	0	0	_ 0		56
1066,2		0	0	. 0	Q	9	0	0	0.0	. 0		10	8	28	8	12		0	0	0			66
1071.0		0	0	_ 0	Û	Q.	0	Q	0	0	3	1	24	24	31	0	6	0	0	0	0		89
1075.8		0	0	0	14	0	0	0				۲_	6	3	8	3	12	0	1	0	. 0		48
1080.6		Q	Q	Q	0	Q	0	0	0	0	3_	12	8	0	12	0	1	0	0	0	0		36
1085.4		0	0	0	0	0	0	0	0	0	3	6	6	16	14	0	0	0	0	0	0		45
1090.2		0	<u> </u>	0	0	0	0	0	0	0	3	14	<u>18</u>	0	20	6	Q	1	3	Q	0		65
1095.0		0.		0	_0_	1	0	0	0	Q	0	3	1	1	6	. 1	0	0	0	0	0		13
1099.8		0	. • Q	0	0	0	<b>Q</b>	Û	0	0	8	0	6	10	0	0	0	0	1	0	0		25
1104.6		Q	0	0	3	0	0	0	0	3	12	3	24	8	6	0	0	0	0	0	0		59
1109,4		0	0	0	0		0	0	0	3	0	6	22	8	0	0	0	0	0	0	1		40

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	TEST P2	DIS	TANCE	FROM	SOUR( RS	:Е 	PUFF 2	RELE	ASE T	IME	DAT	A ACC	UMULA 4.8 S	TION SECOND	INCRE S	ME √T					GRO	UND L	EVEL	(1.5 M)
}									RELAT	IVE C	ONCEN	TRATI	ON IN		TS PE	R FEN	SEC	ว อุร						
 5	SECONDS AFTER RELEASE	D	I 094	R E 096	C T 098	T 100	I 10 <sup>2</sup>	0 104	105	™ <sup>F</sup> 108	R T <sup>0</sup> 110	М Е 112	R 114	5 0 116 <sup>E</sup>	U L 118	R E 120	C V 122	ε, Α <sub>124</sub> Τ	) 126	E 0 128	G R N 130	E 132	E	S CROSSWIND SUMS
b~	941.4		Q_	0	0	0	1	Q		31	120	31	110	72	43	12	3	0	0	Û	0	0		431
,	946.2		0	0	0	0	0	0	1	16	45	97	78	60	16	14	8	б	0	0	0	0		341
1	951.0		8	0	0	0	0		0	0	24	103	64	81	22	24	0	0	б	O	0	0		333
	955,8		0	3	0	0	0	0	0	12	31	87	47	45	41	10	0	0	0	0	0	0		276
	960.6		0	0	0	0	0	0	Q	0	26	95	28	56	22	18	6	12	0	1	0	0		264
	965.4		0	0	0	0	0	0	Û	6	24	68	39	51	8	6	0	Û	0	0	0	0		202
. <b>b</b> .	970.2		0	0	0	0	0	0	0	0	14	76	51	47	22	14	12	C	0	0	0	0		236
-16	975.0		0	0	0	0	0	0	0		10	51	47	47	33	12	0	0	0	0	0	0		200
1	979.8		0	0	0	0	0	0	1	0	16	37	39	62	22	12	1	0	3	0	0	0		193
\$ <del>-</del> -	984,6		0	0,	0	0	0	0	0	10	18	3	53	41	45	22	0	0	0	0	0	0		192
•	989,4		0	0	0	0	0	0	0	3	6	1	43	53	22	1	1	0	0	0	0	0		130
	994.2		Q	0	_0_	0	0	0	٥.	0	16	12	18	39	24	22	0	0	0	0	0	0		131
	999.0		0	0	0	0	0	0	0	0	6	8	18	56	28	22	6	6	Û	0	0	0		150
	1003.8	. <u> </u>	0	0	0	0	0	0	. 0	0	0	20	12	49	8	8	8	3	0	0	0	0		108
	1008.6		1	0	0	0	.0	. 0	0	0	0	16	18	22	28	10	8	12	0	3	٥	0		118
	1013,4		0	0	0	0	0	0	0	٥	0	0	31	20	14	16	8	0	0	0	0	0		89
<u> </u>	1018,2		0	0	0	0	0	0	0	0	0	3	31	8	26	12	8	Û	0	0	0	0		88
	1023.0		0	0	0	0	0	0	o	0	0	3	28	10	20	18	6	8	0	0	0	6		99

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	TEST P2	DIS	TANCE 200	FROM METE	SOUR	RCE	PUFF 2	RELE	ASE T 0 PST	ME	DAT	A ACC	UMULA 4.8 S	TION	∎ NCRE S	MENT					GRO	UND LI	EVEL	(1.5 M)
									RELAT	IVE C	ONCEN	TRATI	ON IN	COUi	TS PE	RTEN	SEC	DNDS						
	SECONDS AFTER RELEASE	<u>a</u>	1 094	R F 096	<u>с</u> Т 098	T 100	т 10 <sup>2</sup>	0 N 104	106	F M E 10 <sup>8</sup>	R 0 110	– M E 112	R 114	5 0 116 <sup>E</sup>	U L 118	R E 120	C V 122	E, A 124	D I <b>126</b>	E 0 128	G R N <b>130</b>	E 1 <sup>3</sup> 2	E	S CROSSWIND SUMS
	855.0		0	00	0	QQ	0		64	<b>1</b> 60	376	395	268	128	20	20	3	٥	0	O	0	0		1437
	859.8		0	0	0	0	0	12	70	147	406	322	293	197	43	26	0	1	0	0	0	1		1518
	864.6		Q	0	0	0		16	58	147	408	372	270	170	47	0	3	0	0	0	٥	0		1497
	869.4		0		0	Q	0	16	26	164	366	351	128	197	49	14	3	0	6	0	0	0		1320
	874.2		0	0	0	0	0_	14	37	106	456	343	_214	151	56	10	. 0	۵	0	0	0	0		1387
	879.0		Q	0	Q.	۵		8	16	99	378	366	158	91	49	18	0	Û	0	0	0	0		1186
<b></b>	883.8		0		0	0	0	6	10	128	349	226	206	133	41	18	1	0	0	0	0	6		1124
1 S	888.6		0	0	0		1	6	22	97	262	272	214	112	70	16	6	0	0	0	0	0		1078
	893.4				0	Q	0	8	1.4	156	233	341	181	93	24	24	0	1	0	0	0	0		1075
	898.2			Q	0	0	0	1	26	<b>1</b> 14	162	191	210	108	45	8	0	6	0	0	0	0		871
	903.0		0	1	0	0	10	0	41	47	145	216	172	112	47	12	3	3	0	0	0	0		809
	907.8		0	0_	0	0	Q	0	22	45	168	143	126	97	45	10	12	1	0	0	0	0		669
	912.6		0	0	0	0	0	0	18	70	124	170	156	110	35	6	10	6	1	0	0	3		7 <sub>0</sub> 9
	917.4	•	0	0	0	0		12	22	51	181	126	120	120	45	26	3	0	0	0	0	0		712
	922.2		0		0	Q	6_	0	6	53	166	158	110	64	26	16	3	1	0	0	٥	0		609
	927.0		Q.		0	1		<b>D</b> ,	0	22	87	106	120	41	41	12	0	0	0	0	0	0		430
	931.8		0	0	0	0	0	0_	10	41	124	76	108	45	41	8	8	0	Q	0	0	Q		462
	936.6		O	0	0	0	0	0	1	53	81	78	89	68	31	22	0	0	0	1	0	0		424

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	TEST P2	DIS	TANCE 200	FROM METE	I SOUF	RCE -	PUFF	F RELE 2300:(	EASE	Γ∎ME Γ	DA	TA ACO	UMUL/ 4.8 S	ATION SECON	INCRE S	MENT					GRC	UND L	EVEL	(1.5 M)
									RELA	TIVE	CONCE	NTRAT	ION I	V COU	TS PE	ER TEN	I SEC	)NDS						
	SECONDS AFTER RELEASE	D	094	R E 096	с Т 098	T 1 100	I 102	0 M 5 104	1 106	F 10 <sup>8</sup>	R E T 110	0 <u>M</u> E 0 112	R 114	<u>s</u> 116	) (/ L 118	R E 120	C V 122	E ' A T 124	D I 126	E 0 128	G R N 1 <sup>3</sup> 0	E 1 <sup>3</sup> 2	E	S CROSSWIND SUMS
	766.2		0	0_	0	0	28	224	322	726	1187	1016	399	233	145	53	1	0	0	0	0	0		4334
	771.0		1	0	0	0	18	168	<b>2</b> 62	593	1160	958	349	222	176	97	14	3	3	o	0	0		4024
	775.8		0		0	0	12	162	251	<b>6</b> 58	816	1224	518	237	108	58	8	0	0	0	0	0		4052
	780.6		0	0	0	0	28	70	212	458	1045	603	528	249	93	64	6	0	0	Û	0	0		3356
	785.4		0	0	0	<u>1</u> 0	43	64	245	618	1120	610	374	245	81	70	18	0	0	0	0	0		3498
	790.2		0	<b>1</b>	0	3	18	83	253	<b>7</b> 66	868	637	420	245	83	51	24	1	0	0	0	0		3453
₩	795.0		0	G	0	0	16	51	<b>31</b> 8	472	822	668	478	310	153	70	18	0	0	0	0	0		3376
-14	799.8	~	0	3	0	0	12	76	<b>42</b> 8	512	739	612	535	233	164	53	20	0	0	0	0	0		3387
	804.6		0	0	, "O	, <u> </u> 0	10	26	<b>17</b> 2	653	616	412	565	285	149	37	8	0	0	0	0	0		2958
··	AZIMUTH SUMS		9	12	_7.	-18	229	1965	5029 1	4325	29415	12 78698	26940 14	4432 <sup>1</sup>	.2652 6	1381 <sup>3</sup>	4020	3822	3719	671	125	23		627495

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	TEST P2	DISTANCE 20	E FROM METE	A SOUF	RCE	PUFF 2	RELE 300:0	ASE T Q PST	IME	DAT	A ACC	UMUL/ 4.8 S	ATION SECON <sub>LI</sub>	INCRE S	MENT					GR	DUND L	EVEL	(1.5 M)
								RELAT	IVE C	ONCEN	TRATI	ON IN	V COUN	TS PE	R TEN	SECO	2ס (						
	SECONDS AFTER RELEASE	D I 094	R F 096	т т 0 <b>9</b> 8	T 100	I 10 <sup>2</sup>	0 N 5 104	106	F. M E 10 <sup>8</sup>	R C T 110	) M E 112	R 114	5 0 116 <sup>1</sup>	U L 118	R E 120	C V 122	Е, А Т 124	D 126	E 0 128	G N 130	к е 1 <sup>3</sup> 2	E	S CROSSWIND SUMS
	679.8	0	0.	Q	Q		1	۵	183	406	1249	<b>9</b> 78	1445	676	326	122	28	0	0	0	0		5414
е е	684.6	1	0	0	٥	0	Q	0	372	253	1195	1739	926	445	268	106	26	8	0	0	0		5339
	689.4	Q	0		0	0		. 0	524	347	1299	1462	914	610	256	101	41	3	0	0	0		5557
<u>.</u>	694.2	0	0	0	QQ			C	183	643	1306	1408	1072	622	272	112	20	0	0	0	0		5638
	699.0	<u> </u>	0	0	<u>0</u>	0_	0	31	485	639	1220	1753	1062	595	216	83	45	6	0	0	0		6135
۶ <sub></sub>	703.8	0	0		<b>Q</b> .			33	<b>2</b> 58	383	1591	1643	1149	481	243	81	18	0	0	0	0		5880
55	708.6	Q		0	0	. 0	.6	74	<b>1</b> 60	391	<b>177</b> 0	1564	1228	499	214	81	14	0	0	0	0		6001
ِن <u>ب</u> پند	713.4	0	0	0	0	1	0	45	262	620	1420	<b>15</b> 56	937	435	187	78	14	0	0	0	1		5556
ţ	718.2	0		Q			12	66	226	793	1541	1287	778	376	156	39	12	0	0	0	3		5289
· ·	723.0	Q		0	0		12	108	<b>3</b> 97	1233	1483	976	772	247	108	33	6	1	2	0	0 0		5387
<u>*</u>	727,8	0	0	0	0	0	31	247	453	1099	968	781	545	320	91	47	8	0	0	0	0		4590
	732.6	Q	0	0	0	Q	41	345	326	1522	849	981	531	147	103	20	10	0	0	0	0		4875
·	737.4	0	0		0	1	168	291	533	1287	1037	810	547	25 <b>3</b>	106	20	10	0	0	6	0		5069
	742.2	0	0	Q	0	0	170	324	560	883	1137	610	543	206	91	28	0	1	0	0	3		4556
•	747.0	1	0	0	Q_	1	78	<b>2</b> 22	787	1001	503	614	428	131	99	37	6	0	0	0	0		3908
	751.8		0	0	Q		78	281	926	1016	608	660	349	162	78	8	0	0	0	0	0		4178
	756,6	0	0	0	0	12	153	233	758	1131	943	693	326	139	47	20	0	3	0	3	0		4461
	761.4	Q		0	0	22	281	262	922	1166	7,87	508	249	172	56	18	8	0	0	0	0		4451

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TEST P2	DIS	STANCE 200	FROM METE	SOUR	CE	PUFF 2	RELE 30030	ASE T 0 PST	IME	DA	TA AC	4.8	ATION SECON		EMENT					GRC	UND LI	EVEL	(1.5 M)
					-			RELAT	IVE C	ONCE	NTRAT	ION I	N ÇOU	TS PI	ER TEN	I SECO	NNDS						
SECONDS AFTER RELEASE	<u>D</u>	1 094	R E 096	с Т 098	T 100	I 10 <sup>2</sup>	0 N 5 10 <sup>4</sup>	106	F M E 10 <sup>8</sup>	R ( T 110	0 М Е 112	R 114	s 11 <sup>6</sup>	0 U E L 118	. R E 120	C V 122	Е, А_т 124	D 126	E 0 128	G R N 130	E 1 <sup>3</sup> 2	E	S CROSSWIND SUMS
<b>593</b> <sub>0</sub> 4		Q	0	٥	0	0	0	0	16	151	1856	3287	2637	2766	1328	776	370	89	12	12	0		133 <sub>0</sub> 0
598.2		0	Q	0	0	0	0	Ç	33	247	1897	435 <u>1</u>	26 <sub>0</sub> 3	2260	1228	635	241	81	24	0	0		136 <sub>0</sub> 0
603.0		0	0	1	0	0	, <b>0</b>	0	22	343	1941	3551	3072	2058	1181	560	289	45	<b>2</b> 2	0	0		13085
607.8		0	0	0	0	0	0	Û	6	528	2068	3028	2783	1364	949	537	195	60	22	0	0		11540
612.6		0	0	0	0	0	0	0	1	366	1633	1897	1989	1412	956	483	162	43	24	0	0		8966
617.4		0	0	0	0	_ 0	0	<u>0</u>	0	168	1953	2570	1968	1387	785	399	160	39	0	0	0		9429
622.2		0	1	0	0	0	0	C	0	226	1581	3253	1912	1101	720	335	143	47	18	0	0		9337
627.0		0	Ģ	0	00	0	0	0	6	220	1791	2074	1712	1372	697	297	145	41	3	0	0		8358
631.8		0	0	0	.0	0	1	0	1	285	1914	2985	1545	1299	5 <b>68</b>	270	133	39	12	0	0		9052
636.6		0	6	0	1	0	1	0	1	206	1570	3203	1599	1099	485	308	124	2 <b>2</b>	6	0	0		8631
641,4		0	Q.	3	0	0	Q	Q	28	183	1843	2024	2020	1120	324	285	7 <u>0</u>	3,	6	0	0		7909
646.2		0	0.	0	3	0	.0.	0	0	176	1683	2114	1858	1128	556	189	66	26	0	0	0		7799
<b>651</b> <sub>0</sub> 0		0	0	0	0	0	0	0	12	176	697	1210	1224	933	547	212	58	10	3	0	0		5082
655.8		0	0	0	1	0	6	0	0	185	997	1403	1374	1110	443	176	76	10	0	0	0		5781
660.6		0	, <b>0</b> _	0	0	0	0	0	49	264	1353	<b>167</b> 0	1783	899	483	181	70	8	0	0	0		6760
665.4		0	0,	0	0	. <b>1</b>	0	0	78	78	810	1933	1072	918	431	174	89	20	0	0	0		5604
670.2		0	Q	0	0	0	0	0	76	310	1318	1208	1364	918	328	112	51	16	0	. 0,	0		5701
675.0		Ō	0_	0	0		1 _	0	143	353	703	1351	1585	743	299	158	43	Q	6	0	0		5385

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	TEST P2	D	STANCE 200	FROM METE	SOUR RS	CE	PUFF 2	RELE	ASE 1 0 PS1	ſ∎ME	DA	ΤΑ ΑΟ	CUMUL 4.8 S		∎NcRi DS	EMENT					GROL	JND	EVEL	(1+5 M)
									RELAT	TIVE (	ONCE	NTRAT			NTS PE	ER TEN	N SEC	ONDS						
	SECONDS AFTER RELEASE	D	I 094	к е 0 <sup>9</sup> 6	с 1 098	T 100	1 102	0 N 5 104	10 <sup>6</sup>	M 10 <sup>8</sup>	R E T 110	0 M E 112	<b>R</b> 114	5 11 <sup>6</sup>	0 U ∎ 118	R E 120	C V 122	E 1 124	D 126	E 0 1 <sup>28</sup>	G R N 130	Е 1 <sup>3</sup> 2	E	S CROSSWIND SUMS
	507.0		0		D	۵		O.	0	1	22	1397	3999	9533	7,274	5420	2276	65 <u>1</u>	74	1	10	3		30661
2 mm. 1	511.8		0	<u> </u>	0	.0	٥	۵	0	0	<u>1</u> 8	708	4999	7183	6251	3576	2160	664	156		1	O		25724
	5 <b>16</b> ,6		Q	. 0		0				0	18	410	4193	84 <sub>0</sub> 3	7014	3212	1628	647	231	20	0	0		25776
	521.4		0	0	. 0	Q	0	0	0		12	760	3393	6633	6516	3016	1853	683	235	16	Q	. 0		23117
1.1.10	526+2			0	0	0	0	0_	3	0	58	1006	4072	8672	5493	2097	2087	708	176	1	10	.0		24383
	531.0		٥.	. 0	<b>Q</b>	0		0	0		214	1756	3828	7353	4849	2516	1389	656	218	8	0	0		22790
в	535.8		0	1	3	0		0	Ç	0	62	924	3266	3816	4922	3195	1806	706	241	51	14	0		19007
	540.6		0	٥	0	0	0	0	0	1	22	1020	3366	5812	4851	2408	1510	797	158	33	. 3	0		19981
. –	545.4	-	0.	0	<b>D</b>	0	0_	0.	0	0	41	893	3308	3891	4418	2383	1658	693	172	39	10	0		17506
	550.2		0	0.	0	0	0	1	0	0	41	1399	2460	5824	4091	2164	1345	697	189	47	8	0		18266
1. Mar	555,0		Q	0	0	0	0	0	1	.0	110	1087	2812	6883	3189	1828	1120	658	195	41	20			17944
	559,8		Q		0	Q	0	0_	0.	16	137	1456	2812	3197	3270	2235	1251	697	214	35	3	. 0		15323
	564.6	· · · .	0	Q	Q	0	0	Q _	0	. 8	81	1210	2345	<b>353</b> 5	3481	2622	1433	616	174	43	3	0		15551
	569,4		0	0_	Q	0	0	Q	0	12	95	1551	3210	2356	3935	2224	1318	497	131	35	0	12		15376
	574.2		0	0	0	0	0	0	0	0	78	2699	2670	2491	3678	1881	991	499	166	43	18	.0		15214
	579.0		. 0	0	0	0	0	0	0	1	264	2128	2606	2912	2537	1895	1089	458	139	18	1	0		14048
	583.8		Q	0	0	0	0	0	0	Q	224	1451	2972	3068	2681	1553	956	343	124	41	3	1		13417
	588.6		0	Q	0	0	Q_	0	<u> </u>	35	270	1589	3308	2710	2647	1378	912	397	91	33	0	0		13370

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`	TEST P2	DIS	TANCE 200	FROM METE	SOUR RS	CE	PUFF	RELE 300:0	ASE T 0 PST	IME	DAT	A ACC	UMULA 4.8 S	TION	NCREW )S	IENT 					GRO	UND L	EVEL	(1,5 M)
							· · · · · · · · · · ·		RELA	TIVE C	ONCEN	ITRATI	ON IN	. COUN	TS PE	R TEN	SEC	ONDS	•					
	SECONDS AFTER RELEASE	D	I	<u>к е</u> 096	с Т 098	T 1 100	102	0 N 5 104	106	F M E 10 <sup>8</sup>	R O T 110	M E 112	R 114	s 11 <sup>6</sup>	118	R E 120	C V 122	E , A 12	D T 1 4 126	E 0 128	6 R N 130	E 1 <sup>3</sup> 2	E	S CROSSWIND SUMS
	276.4		8	8	0	0	Q		<u>,</u>	0	3	0	0	0	Q.	43	2616	1896	226860	2856	6	49		51411
	281.2		0	0	00	0	0	0	0	0	_0	Q	0	0	0	37	4374	2691	029799	2018	31	37		63206
	286.0		0		0	0	0	0	0	0	0	0	0	.0	0	31	5291	3113	530260	1666	0	39		68422
	290.8		0	_0	0	0	0	0	0	3	0	0	0	0	0	51	9622	2682	02970 <b>6</b>	1737	6	22		67 <b>9</b> 67
	295.6		1	3	0	0	0	0	0	0	0	0	0	0	0	1081	12010	2836	0 <b>2925</b> 6	1274	16	31		71059
	300•4		Q	1	1	0	0	0	0	0	0	0	0	0	10	3161	12945	4 <b>0</b> 78	722468	5 <b>7</b> 0	3	14		77115
н	305.2		0	1	0	6	0	0	0	0	0	0	0	0	. 0	8511	15099	4877	618033	639	1	0		77406
3-10	310.0		0	1	0	0	0	0	0	0	0	0	0	0	0	15331	17272	4260	112320	401	.0	0_		74128
	314.8		0	20	0	26	0	0	0	0	0	0	0	_0	35	25162	28016	3914	9 9881	283	0	1		79927
	319.6		0	6	0	8	0	0	0	0	0	0	0	0	24	70243	30753	3733	3 9406	253	0	0		84807
	324.4		Q	3	0	18	Q	_ 1	0_	0	_0	0	0	_0	89	99393	32756	3687	0 6624	124		. 0		86427
	329.2		0	1	0		0	0	0	0	0	0	0	0	1851	00083	33574	3479	5 7978	110	0	0		86651
	334.0		0	0	0	6	1	0	10	0	0	0	0	0	3201	44433	36506	3250	6 5758	135	3	0		89688
• • •	338.8		0	1	1	10	0	0	0	0	0	0	0	0	8101	50393	37535	3067	6 4164	68	0	0.		88304
	AZIMUTH SUMS	4	9	5 <u>1</u>	14	80	1	1	11	7	18	3	2	16	1480 6	28 1951	85183 5	3 55843	41611! 6	5 92854	4362	867		1421461

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	TEST P2	DIS	TANCE 200	FROM	SOUR	CE	PUFF 2	RELE 300:0	ASE TI 0 PST	ME	DAT	A ACC	UMULA 4.8 5	TION ECOND	INCRE S	MENT					GRO	UND LI	EVEL	(1.5 M)
									RELATI	VE CO	DNCEN	TRATI	ON IN	I COUN	TS PE	R TEN	I SECO	NDS						
	SECONDS AFTER Release	۵	I 094	R E 096	с 1 098	T1 130	I 10 <sup>2</sup>	0 N 5 104	106 106	F 108 F	τ 110	м Е 112	R 114	s 0 116 <sup>E</sup>	U L 118	R E 120	C V 122	ε, <sup>Α</sup> 124 <sup>1</sup>	D I 126	E 0 128	G F N 130	₹ E 132	Е	S CROSSWIND SUMS
	190.0		0	6	6	0	Q	0	0	0	0	C	0	O	0	0	0	0	0	0	0	0		12
	194.8		0_	0	0	0	0_	D_	1	0	0			1	0	0	0	0	12	6	0	Q		20
	199.6		Q	0	0	_ 6	, Q ,	0	0	0	0	0	0	0	0	0	0	0	1	41	0	0		48
	204.4		Q	Ø	3	. 0	. 0	0	O	0	0	0	0	0	0	0	1	0	Q	274	122	1		401
ч.	209.2		0	0	0	0	0	0	0	1	0	0		0	Q	0	0	0	56	1533	691	D		2281
	214.0		Q	0	0	0	Q.	Q	0	. 1	0	0	0	0	0	0	8	6	589	8699	291	0		9594
	218.8		0	0	0	0	. 0	0	0	0	0	0	0	8	0	6	0	6	1078	5412	518	0		7028
θ	223,6		0	0_	0	0	0	0	0	Q	0	0	0	0	3	0	0	103	2687	6187	712	,6,		9698
- 9	228,4		_ 0	0	0	0	0		D	0	<b>.</b> 3	3	. 0	0	. 0	Ņ	0	1576	6435	6831	539	28		15415
	233.2		0	0.	0	0	0		0	1	1		. 0	0	3	.0	0	1437	7760	7416	408	53		17079
	238.0		0	0	0	0	0	0	0	0	3	0	0	6	1	0	18	695	9485	6251	510	28		16997
	242.8		0	Q	3	0	0	0	0	0	0	0	0	, <b>1</b> ,	0	.0	.78	<b>4</b> 7991	4091	4920	206	72		24170
	247.6		Q	0	0	0	0	0	0	00	8	0	1	0	0	0	85	79121	1670	9601	93	81		29451
			0	0	0	0_		0	0	1	0	0	0	0	0	0	222	79351	8164	7797	47	122		34288
	257.2		. 0	0	0	0	0	0	0	Q	0	_ 0	0	0	0	0	512	<b>9</b> 0832	0403	4589	37	64		34688
	262,0		0		0	0	Q_		Q	0	. 0	0_	. 0	0	0	Q.	2168	62032	2224	4508	45	87		45235
	266.8		Q	0	0	0	0	.0	0	0	0	0	1	0	Q	0	19391	98162	7885	3064	33	_49		52787
	271.6	<b>.</b>	0	. 0	0	0	0_	0_	0	0	0	0	0	0	0	6	17831	91853	1062	3591	41	83		55751

TEST P1	DISTANC 20	E FROM SC D METERS	DURCE	PUFF REL 0312	E SE 110 0, P5T	DATA	≠CC 4UL •2	ATION I SECCIUS	IC ve ≜EL T						
	-				RELATIV	E CONCENT	RATION I	N COUNTS	S PER TE	SECO.IDS					
<u>SECONDS</u> AFTER RELEASE	0 0.8M	D I F 9 8 D 1,5%	R E C E G 3.04	T   , " R E E 6 <b>,1</b> ⊵	N F S 10.7a	R 0 % 1 1 0.8	S C 4 D 1-5	ч R 6 б 3.0	C E R E E 6.1	A N © S <b></b> 10•7⊴	E L 1 3 0.38	E V 0 D 1.5%	ATI EG 3.M	0 % R E ∄ 6.1⊠	5 1 ;.7.
120.8	4664	3214	2564	306	114	0	Ũ	U	ð	0	υ	Û	G	14	ő,
122.0	4522	4081	2381	97	22	ο	ù	Ű.	û	ũ	0	14	0	6	6
123,2	5189	4306	3822	97	6	Û	6	0	6	6	14	6	о	22	6
124.4	3389	1322	1039	181	0	0	ú	J	Ü	0	0	14	0	14	3
125.6	3531	2131	62 <b>2</b>	164	14	0	Û	ů	6	14	0	0	0	â	С
126,8	3189	1397	722	133	64	6	Ũ	Ũ	Û	C	0	o	O	0	14
128.0	3489	2356	1339	247	14	0	ũ	e	0	Û	6	0	0	0	C
∞ <u>129.2</u>		2131	1306	489	89	14	Ó	Û	Ű	0	J	D	Ø	0	C
130,4	3256	1472	856	147	14	0	6	Ű	ũ	Û	14	С	C	6	28
SUMS_	- 267578	252796	226323	156450	47832	344	108	95	20 <b>9</b> 5	908	335	2295	107	1314	2 <b>33</b> 6

TEST P1	DISTANCE 200	FROM SC METERS	URCE	PUFF REL 0312	E SE TIME	DATA	ACCUMUL	ATION IN Seconds	ICREMENT			тож	ER		
					RELATIVE	CONCENT	RATION I	N COUNTS	PER TEN	SECONDS					
SECONDS AFTER RELEASE	0 0.8M	D I F 9 8 I 1.5M	E C E G 3.0M	T I O R E E 6.1M	N F S 10.7M	R 0 M 1 1 0.8%	5 0 4 D 1•5,,	U R E G 3.0	C E R E E 6.1	A N D S 10.74	EL 13 0.8M	E V 0 0 1.5M	A T I E G 3.0M	0 N R E E 6.1M	S 10.7
99,2	11256	12197	10672	372	131	14	Û	C	72	64	0	47	0	31	ó
100.4	11297	11356	7381	<b>3</b> 56	89	0	0	C	47	31	0	114	6	81	14
101.6	11422	10689	5606	547	97	O	Ũ	G	6	14	0	31	0	89	14
102.8	11864	9072	5564	31	31	0	Û	Ũ	14	14	0	31	0	64	0
104.0	12806	10897	6114	31	64	0	14	6	64	14	0	6 <sup>4</sup>	D	47	51
105.2	12781	12056	3514	47	114	6	Ú	C	14	6	0	22	0	81	22
106.4	12272	9781	989	0	106	0	ũ	J	<b>3</b> 9	22	6	0	U	72	6
<sup>5</sup> <u>107.6</u>	10981	8339	1047	0	56	0	Ũ	С	14	6	22	0	0	97	0
108,8	10564	7806	814	6,	47	0	ő	6	14	0	0	22	0	81	6
110.0	7672	4597	422	14	22	0	0	6	ó	0	Û	Û	O	72	1.4
111.2	6914	4389	2 <b>72</b>	22	47	0	6	Ų	39	ð	0	0	0	64	14
112.4	7081	4131	422	. 0	47	0	0	Û	6	Û	0	0	0	39	C
113.6	4264	1239	22	0	31	0	0	Û	14	14	0	6	6	6	4
114,8	3014	1139	464	0	47	0	0	Ú	0	0	14	0	<b>2</b> 2	47	0
116.0	3406	1447	514	139	31	0	14	Ü	0	0	0	0	<b>2</b> 2	9 <b>7</b>	0
117,2	3614	2256	681	64	31	0	Û	Ŭ	0	0	6	6	e	14	0
118.4	3722	3389	1264	56	22	U	U	ð	U	0	0	٥	0	22	0
119,6	4489	3814	1539	456	39	0	Ů	Ŭ	U	0	Û	0	0	22	0

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TEST P1	DISTANC 20	E FRO" SO 0 METERS	OURCI	PUFF RE 0312	LEASE TIME :00 PST	DATA	ACCUMUL 1.2	ATION I SECONDS	NCREMENT			Tog	âĸ		
					RELATIVE	CONCENT	RATION 1	IN COUNT	S PER TEA	SECONDS					
SECONDS AFTER RELE SE	0 0,8M	D / R 9 8 [ 1,5]	R E C D E G 3,0M	T I O R t E 6.1	N F S F 10.7	R 0 1 1 0.8	5 ( 4 ( 1.5	) U R E 6 3.0	Ç Ĕ R Ĕ ⊏ 6.1	A N O S 16.70	E L 1 3 0.83	E V 0 0 1.5	A T I E G 3.3⋈	0 N R E E 6.1%	S 1:.7
77.6		0	81	322	322	0	Û	Û	ð	Ű	6	Ú	0	C	
78.8	0		14	456	1014	Û	6	Ŭ	14	6	6	C	O	0	<b>7</b>
50,0	0	39	89	164 <b>7</b>	222	31	0	Û	б	0	0	O	U	0	122
81.2	22	139	1514	1139	1039	0	Ü	ü	Ũ	Û	14	0	o	6	2.14
82.4		556	2606	4697	3189	0	Û	22	31	6	14	6	0	0	122
83,6	272	822	3022	824 <b>7</b>	5556	υ	Û	Û	14	14	6	6	ŋ	14	<b>2</b> े4
34.8	1181	2039	3806	10272	4656	Û	U	C	6	14	47	14	0	0	214
<u> </u>	1389	2447	5 <b>75</b> 6	12931	5339	6	6	0	39	0	31	72	0	0	172
87.2	1181	2347	9014	18564	3414	6	0	C	Û	31	64	147	C	0	<b>2</b> 64
	2956	6906	15347	18431	1872	39	Û	0	31	6	47	281	0	22	139
89.6		8914	13597	18106	1522	6	U	C	31	22	0	281	0	6	122
90.8	8314	873 <u>1</u>	15931	16356	3314	31	Û	Ó	72	ò	û	172	0	31	131
92.0	7597	8131	18789	9439	5231	22	σ	ປ	81	56	0	206	0	31	6 <del>4</del>
93.2	8439	14431	16564	12897	7289	22	ΰ	Û	47	0	0	256	0	22	72
94,4	10539	13322	17156	<b>11</b> 981	864	14	0	U	56	ó	0	214	Û	Û	72
95,6	11397	14889	1620 <b>6</b>	3531	239	6	ú	Ü	56	ό	0	64	0	0	14
96.8	12056	14464	13614	1297	59 <b>7</b>	6	o	ύ	81	1 +	6	56	C.	14	14
98.0	10964	13589	10739	1164	547	22	14	ŭ	64	22	6	56	0	56	计

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TEST P1	DISTANCE 200	FROM SO	URCE	PUFF REL 0312:	EASE TIME 00 PST	DÁTA	ACCUMULA 1.2 S	TION IN ECONDS	CREMENT			TOWE	ER		
					RELATIVE	CONCENT	RATION IN	COURTS	S PER TEN	SECONDS					
SECONDS AFTER RELEASE	0 9 0.8M	DIR 8 D 1.5M	EC EG 3.0M	T_I_0 R_E_E 6.1⊠	N F S 10.7M	R 0 M 1 1 0.8	S Ç 4 D 1∎5∞	U R E G 3.0	C E R E E 6.1	A N D S 10.74	E L 1 3 0.83	E V / 0 D 1.5%	ATI EG 3. M	0 N R E E 6.1M	S 1∂•7∞
56,0	0	14	0	. 0	22	ð	Û	Ú	39	6	٥	0	0	0	
57.2	0	6	0	0	6	0	Û	31	0	247	Ũ	۵	0	6	
58.4	0	0	0	0	0	6	υ	6	С	72	0	ð	0	0	
59.6	6	0	0	0	6	22	Û	6	74 <b>7</b>	6	0	C	39	0	
60.8	0	0	6		0	6	ò	ŗ	231	0	0	0	0	0	
62.0	0	0	0	6	6	Ü	J	ù	L	56	0	0	0	0	
63,2	0	0	0	22	0	31	υ	б	14	81	0	ວ	C	0	
64.4	0	0	0	14	0	0	U.	Ü	б	0	С	Э	ð	6	
65,6	o	<b>.</b> 0	0	22	Ũ	G	ó	Û	6	6	6	0	0	6	
66,8	0	0	0	0	6	ü	J	U	ú	0	0	0	0	С	
68,0	0	0	0	0	0	Û	0	ŷ	22	6	0	14	С	0	
69.2	6	0	14	0	22	Û	0	U	Ú	0	0	14	0	0	
70,4	0	0		6	6	0	0	ũ	6	Э	0	22	9	6	
71.6	0	0	0	0	6	U	6	J	6	Û	O	o	6	0	
72.8	0	6	0	0	0	14	J.	9	o	0	0	0	o	Û	
74,0	0	0	0	0	0	Û	Li .	L.	Ü	0	0	6	6	υ	
75,2	22	0	0	6	31	Ũ	ü	U	14	14	0	31	0	Ũ	
76.4	0	0	6	389	106	14	Ü	L	14	j	0	Û	Q	0	

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	TEST P1	3 <b>1</b> 5	TANCE 201	E FRO	≪ S0UI ERS	RCE	PUFI	F RELE 0312:0	;ु5£ा )∂_951	IME I	DAŤ	A 400	UMULA 1.2 S	TION ECOND	1NCRE S	MENT					GRO	J∂ L	EVEL	(1.5 M)
									RELAI	FiV≘ C	ONCEN	TRATI	ON IN	I COUN	TS PE	R TER	SECO	NDS						
	SECO,LOS FT : A RELE · SE	ŭ	1 094	R Å 096	E C T 098	T 100	I 1 102	0 5 104	106	F 108	R 0 T 110	E 112	R 114	s o 116	U L 118	R E 120	C V 122	Е, АТ 124	D I 126	E 0 128	G R N 130	E 132	Ε	S CROSS IN SU 5
	120.8		5472	5764	3214	5 ូ47	231	2481	247	39	0	Û	o	0	14	31	٥	0	6	31	0	0		22577
	122.0		4681	6397	4j81	4822	1039	1589	264	0	0	Ũ	G	0	6	14	Q	6	56	14	14	0		22983
	23.2		5539	7322	4 <b>3</b> 06	4897	1347	1122	189	64	0	Ŭ	6	0	0	39	0	6	64	0	6	0		24907
	. 24.4		5731	5122	1322	4106	1364	731	181	22	0	0	ũ	0	0	39	0	0	0	0	14	0		18632
	<b>_25</b> ,6		6597	4906	2131	4006	1081	606	206	6	0	0	0		14	56	0	0	22	.0	0	_ 0		19631
	. 16.8		642 <b>2</b>	3247	1397	3.;39	1214	447	172	1.4	0	0	0	0	0	0	0_	0	0	0	0	0		15952
в	128.0		5764	3189	2356	2556	1447	364	106	6	0	0	0	0	Ú,	6	, o	0	22	0	0	0		15816
-4	129.2		5806	3014	2131	3014	1939	481	172	22	0	Q.	6	0	0	6	0	14	22	0	0	0		16627
	134,4		5222	3114	1472	3647	1864	456	131	72	6	. 0	. 6	6	. u	14	0	0	22	14	0	0	•	<b>16</b> 046
	∆21∆UT. SJ4S	. 23	636 <u>1</u> 2:	2 25 <b>327</b>	52 <b>79</b> 6 2	2 92710	66041 2	18 71260	35 <u>392</u> 16	7 57376	7761	1946	108	73	76	6338	149	2118	8224	3990	2 <b>29</b> 5	66		2000407

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TEST P1	DISTANCE FROM SOURC 200 METERS	E PUFF RELEAS	TIME PST	DATA	ACCUMULA 1.2	TION Second	INCRE	MENT					GRO	UND LEVE	L (1.5 M)
		RE	LATIVE C	ONCENTR	RATION I		NTS PE	R TEN	SECO	NDS					
SECONDS AFTUS	0 I R E C	<u>TI 0.1</u>		R 0	E <sup>k</sup> R	_ <b>S</b> 0	-    -	Ê	- <del>{</del>	<u>Е</u> т	D <sub>T</sub>	E <sub>o</sub> .	GR N_	E E	CROSSWIND
RELEASE	094 <b>096</b> 098	100 102 104 1	)6 <b>108</b>	110 1	112 114	<u>1</u> 16	118	120	122	124	126	128	<b>13</b> 0	132	SUMS
99,2	87729~3912197	11681583943972	314 231	6	8 <sub>1</sub> 0	0	0	381	0	72	314	147	47	0	55518
<b>1</b> 0 <b>0.4</b>	9297 93721135611	.089 5647 4714 18	31 231	0	56 0	0	0	356	0	89	372	114	114	0	54688
101.6	9397 912210689 9	9481 6172 4797 6	56 272	0	14 0	6	Ű	272	0	56	289	64	31	0	51318
102.8	7947 9789 9072 8	3722 5897 4622 10	06 139	0	56 0	0	0	239	0	64	264	72	31	0	47920
104.0	7747 883910897 7	7964 5197 3947 5	14 47	0	14 14	0	0	331	14	72	256	47	64	0	45964
105.2	9339 756412056 7	7472 6714 4006 8	56 81	6	3 <sub>1</sub> 0	0	0	414	0	47	239	47	22	0	48894
	9856 9706 9781 7	7381 7022 <b>33</b> 06 10	+7 122	0	6 0	_0_	٥	339	0	81	139	97	0	0	48883
<sup>ی</sup> <u>107.6</u>	9822 9614 8339 7	806 6606 2989 7	31 164	0	22 0	0	0	272	0	31	114	64	0	0	46574
108.8	852210656 7806 7	722 6864 2322 4	64 256	٥	6 6	0	0	247	22	39	131	6	22	0	45091
110.0	900610289 4597 7	7947 5747 3406 3	56 172	0	6 0	0	0	122	0	14	122	39	0	0	41823
111.2	8106 7647 4389 8	3506 5597 2681 1	39 139	0	0 6	0	6	89	0	14	97	31	0	0	37447
112.4	9122 8406 4131 5	5072 6106 2589 2	72 56	0	60	0	0	56	6	6	72	6	0	6	35912
113.6	10114 5556 1239 5	5456 5614 2539 4	47 22	0	<u>ວ</u> 0	0	0	72	0	39	22	6	6	0	31132
114,8	9406 7397 1139 4	122 4381 1114 3	81 <b>3</b> 9	0	0 <b>0</b>	6	0	39	0	6	31	14	0	0	28075

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0 106

9947 8006 1447 3889 3081 1297 556

9772 8297 2256 4697 3422 1264 222

9906 5414 3389 5131 1839 2222 206

7731 5322 3814 4956 981 2256 181

116.0

117.2

118.4

119.6

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	TEST P1	ی ا	5TANCE 201	E FROI	SOUF SRS	RCE	PUFF (	REL(	EASE DO PS	TIME T	DAT	A ACC	UMULA 1.2 S	TION SECOND	INCRE S	MENT					GRO	UND LEVE	L (1.5 M)
									RELA	LIVE C	ONCEN	TRATI	ON IM	I COUN	TS PE	R TEN	SECO	NDS					
S	ECOLDS AFTLA ELEASE	D	1 094	R   A 096	E / 098	.T 100	I 1 102	0 i 5 104	N 106	F 108	R 0 11(		R 114	S 0 116	U L 118	R E 120	C V 122	E , A T 124	D I 126	E 0 128	G R N 130	<u>е</u> е 132	S CROSSWIND SUMS
	77.0		υ	Э	0	72	2722	1131:	10039	6222	656	<b>1</b> 06	0	6	. 0		0	0		0.	0	0	30954
	78.8		0	ó	υ.	172	5714:	13339	7806	6147	481	72	6	0	0	0	O	47	0	14	0	0	33804
	80.0		Û	0	39	522	8122	16014	9897	559 <b>7</b>	356	64	0	0	0	0	0	6	Û	89	0	0	40706
	81.2		Ü	22	139	1522	12356	13106	8389	5489	339	<b>7</b> 2		0	0	6	14	47	6	139	0	0	41646
	52.4		0		556	2914	13631;	12806	8181	4847	314	<b>3</b> 9	Q	0		39	0	39	72	56	6	0	43500
	83,6		. 0	47	822	3706	12306	13831	8689	3972	247	31	0	0	0	139	0	31	122	164	6	0	44113
	84,8		6	6	2039	6372	13531	12531	7606	3147	72	89	Q	0	0	139	0	56	231	239	14	0	46078
3-2	8c.J		ú	114	2447	3464.	14506;	10581	7906	2872	147	14	6	0	0	147	6	89	181	247	72	0	42799
	87.2		64	231	2347	4806	13164	8506	7481	3264	22	22	0	0	0	139	0	72	206	214	147	0	4 <b>06</b> 85
	<b>68.</b> 4		72	1181	6906:	10914:	11697	7706	6297	1931	31	22	0	٥	0	97	0	106	422	289	281	0	47952
	89.6		39	1489	8914	11481	9447	7622	5281	1714	81	39	0	0	Ģ	89	0	114	547	272	281	0	474 <u>1</u> 0
	90.8		2214	1514	8731	11139	6422	7681	4614	931	47	64	0	0	0	147	14	206	372	172	172	0	44440
	92.0		1672	1947	8131.	11422	4939	5114	4372	931	6	39	0	0	٥	181	0	97	414	72	206	0	3 <b>9543</b>
	93.2		1131	3397	14431;	10847	5839	6789	4664	1122	0	81	0	0	0	422	٥	122	689	239	256	0	50029
	94,4		172	3272	13322:	11772	4031	5472	4297	781	0	64	0	0	0	147	0	64	606	197	214	0	45411
	95.6		2822	4147	14889	13 197	5414	4556	4322	681	0	64	0	0	0	164		89	514	247	64	0	51070
	96.8		3547	5489	14464	12447	6606	5689	4572	364	Û	39	6	- D		289	6	97	564	214	56	0	54449
	95.0		8547	10289	13589	11406	5314	4964	3589	214	0	56	14	G	Ũ	472	31	81	414	214	5ó	0	59250

	TES1 P1	01	STANCE 200	E FRON D METE	i sour Irs	CE	PUFF C	RELE	EASE 00 PS	ŤIME T	DAT	A ACC	UMUL/ 1.2 \$	ATION SECOND	INCRE S	MENT					GRO	UND LE	YEL	(1.5 M)
									RELA	TIVE (	CONCEN	TRATI	ION II	N COUN	τς με	R TE	SECO	INUS						
-	SEÇORDS AFTER RELEASE	Û	1 094	R E A 096	T 098	T 1 130	I 102	0   5 104	N 106	⊦ ∾ [ 108	R 0 E 1 110	E 112	R <b>1</b> 14	5 02 116	U L 118	R E 120	C V 122	E , A T 124	D 1 126	E 0 128	G R N 130	E 132	E	S CROSS IND SU45
	56.4		ΰ	ý	<b>1</b> 4	0	0	0	164	164	1381	0	υ	0	U	6	0	0	14	0	0	22		1771
	57,2		0	Ċ.	6	0	6	6	39	381	439	J	0	0	0	6	6	0	0	0	0	0		889
	58,4		14	14	O	θ	O	0	81	597	122	0	0	Û	6	0	0	0	6	22	0	0		862
	59.6		0	ũ	u	6	14	14	547	2572	322	14	Ü	0	0	0	0	0	0	14	0	0		<b>3</b> 503
	60.8		6	6	. Q	6	6	0	1031	1097	364	39	б	0.	Ũ	6	0	0	0			0		2567
·	62.0		ο	14	Û	14	56	164	3622	756	156	47	Û	31	6	6	0	6		.0	0	6		4884
ė	63,2		0	Ű	0	14	106	722	1181	506	172	64	C	0	0	0	0	0	0	0	0	0		2765
Ļ	64.4		Ű	6	4	14	47	372	439	706	3781	56	0	0	. 6	0	Û	14	0	0	0	0		544 <u>1</u>
	65.6		Û	Ú	0	14	14	272	447	22392	22147	97	6	0	Ũ,	<sub>.</sub> 6	0	0		Û	0	6		25248
	66,8		0	Ú	0	0	0	289	564	167562	21972	U	0	0	6	6	6	0	, ,0	0	0	0		3 <b>9</b> 599
	68.0		Ű	6	, e	6	56	181	1939	20689	12881	22	0	0	<u> </u>	6	0	0	6	0	14	0		35806
	69,2		Û	6	, Û	0	131	647	4022	8214	5214	L L	0	6	Ú	0	6	0	0	14	14	0		18274
	7û.4		6	0	Ú	22	<b>2</b> 72	1606	3264	13689	2406	31	Ú	6	0	0	0	6	6	. 0	22	6		21342
	71.6		Ú	, ü	Ũ	47	689	5189	4231	12714	1881	122	6	6	0	Q	6	31	0	0	Q	0		24922
	72,8		0	0	6	39	1739	7356	7472	10047	564	56	0	Û	0	0	0	14	6	6	0	0		27305
	74.Ú		ູ0	14	Ũ	9 <b>7</b>	472	5631	7747	9597	464	39	Q	0	6	0	6	0	0	0	6	0		24079
	75.2		Ú	Û	0	64	1064	7831	7031	8297	356	64	Û	0	0	6	0	0	0	6	31	6		24756
	76,4		0	Ú	0	64	13561	0797	9672	5681	322	14	0	0	0	0	0	14	0	0	0	0		27920

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	TEST P2	DI	STANCE 800	FROM METE	A SOUF	CE	PUFF 2	F RELE	EASE T	ME	DAT	A ACC	UMUL 4.8 9	ATION SECOND	INCRE	MENT	-				GRC	ound li	EVEL	(1.5 M)
									RELAT	IVE C	ONCEN	NTRAT			ITS PE	R TEN	SEC	DNDS						
	SECONDS AFTER RELEASE	3	<u> </u>	R E 0 <sup>9</sup> 6	с <u>с</u> Т 098	T 100	1 10 <sup>2</sup>	0 1 104	106	F M 5 108	R C 110	) м 112	R 114	<u>s</u> 116 <sup>E</sup>	U L 118	R 1 <sup>2</sup> 0	C V 122	E • A 124	D 126	E 0 128	G R N 130	_Е 1 <sup>3</sup> 2	E	S CROSSWIND SUMS
	507.0		0.	-1	. <b>D</b> _	<b>b</b>			<b>D</b>		0	0	0	0	. 0	0	. 0	. 0	-1	0	741	785		1526
	511.6		0	-1	0	0_	0	0	0	_0	0	0	0	0	6	0	0	0	-1	. 0	947	764		1717
	516.6		. Q	-1	0	Q	Q.	0_	0	0	0	0	0	0	0		0	.0	-1	3	1281	816		2100
	521,4		. Q.	-1	0	0	Q.	0	0	0	_0_	0	0	0	0	0	_ 0	0	-1	0	1647	816		2463
	526.2		0	-1	D	0	00	0	0	0	0	0	0	00	0	0	0	3	-1		2499	799		3302
	531.0	±	Q	-1	6	0	Q_	Q	0		0	0	0	0	0	0	0	0	1	0	2583	618		3207
ង	535.8		0	-1	0	0	0	0	0	0	0	0	0	0	0.	0	10	0	-1	. 0	2918	764		3692
-19	540,6		0	-1	0_	0	0	6	0	0	0	1	Q	0	0	0	0	0	-1	0	3358	662		4027
	545.4		0	-1	0	0	Q_	0	0	QQ	0	0	0	0	0_	Q	3	0	-1	12	3622	449		4086
	550.2		Q	-1	0	0	0	0	0	0	0	0	0_	0	0	12	1	0	-1	8	3493	424		3938
	555.0		D	-1	0	0	0	0	0	Q	0	0	0	0	0	0	0	0	-1	28	3426	391		3845
	559.8	-	0	-1	0	0	0	0	0	0	0		- 0	0	0	3	0	٥	-1	<b>2</b> 2	3776	295		4096
	564.6		0		0	1	0	n	0	0	0	0	0	0	0	0	0	1	÷1	16	4374	368		4760
	569.4		¥.	1	<del>-</del>	<del></del>	×.		v	9				•. 0	х 3	۰. ۵	0	-	-1	 47	4501	272		4823
	57/L 0		<u>0</u>		V. 	v	0	Q_		0		0	<u>v</u>	0		· · · · ·	0	n	*. 1	85	4337	260		4685
	570 0		V.		<u>-</u> -	V	<u>0</u> -	Ŭ-	<u>v</u> .		Ÿ-				, U	0	V	0	-1	108	40,01	314		4563
	5/9.0		1	.=1.	U				U.	U					U	U C	0	J	-1	100	7700	514		TJ02
	583.8		Q	-1	Q	0	0	0	0	0	0	0	0		0.	8	. 1	, <b>0</b> ,	-1	118	3720	214		4064
	588.6		0		0	0	0	0	0	0	1	0	0	0	0	0	. 0	0	-1	166	3726	160		4053

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	TEST P2	DIS	TA∢CE 800	FROM ME18	SOUR RS	RCE	- UFF 2	RELE	ASE T N PST	IME	DAT	ACC	UMUL/ 4.6 9	ATION Second	INCRE S	MENT					GRO	UND L	.EVEL	. (1.5 M)
									ELAT	IVE C		TRATI	ON II	1 COUN	ts Pe	R TEN	SEC	)⊳D2						
÷ .	SECONDS AFTER RELEASE	Ŀ	I 094	RE 0.96	<u>с</u> Т 098	T 100	1 102	0 5 104	106	Е ме 10 <sup>8</sup>	R C 110	E 112	R 114	5 <u></u> 116	U L 118	R E 120	C V 122	Е'т 124	D I 126	E 128	<sup>G</sup> N <sup>R</sup> 130	E 132	E	S CROSSWIND SUMS
	593.4		0	-1	0	0	C	0.	_ C	3	1	0	Û	Û	0	0	0	0	-1	235	2883	162		3284
	598,2		0	-1	0	0	0	0	0	<u> </u>	0	0	0	0	0	0	0	0	-1	741	2718	135		3594
	603.0		0	-1	0		0	0	C	0	0	0	0	0	Q	1	0	0	-1	1272	2422	103		3798
	607.8		0	-1	0	0	0	. 0	0	0	0	3	0	0	0	0	0	Ú	-1	1153	1889	49		3094
	612.6	-	0	-1	3	0	0	0	0	0	0	0	0	0	O	0	0	. Q.	-1	1545	1785	66		3399
	617.4		0	-1	0	0	8	0	0	0		0	, <b>0</b>	3	0	, <b>0</b> ,	0	3	-1	3153	1951	70		-5188
B	622.2		0	-1	C	0	C	, 0,	0	0	0	0	0	0	٥	0	0	0	-1	3299	1501	60		4860
20	627.0		0	-1	0	0	<u> </u>	<u>0</u>	0	12	0	0	0	00	0	_0_		0	-1	3843	1143	37		5035
	631.8		0	-1	0		6	<b>.</b> .	0	0	Q	O.	0	0	1	0	0	0	-1	3289	887	43		4226
	636.6		0	-1	0	0	0	0	0	0	0	0	0	G	Û	0	0	0	-1	3270	808	31		4109
	64 <b>1.</b> 4		0	-1	0	1	18	0_	0	0	0	0	0		0	1	0	0	-1	3749	724	20		4513
	646.2		0	-1	Ű	1	0		0	0	0	0	_ 0	0	0	.0	0	6	-1	3745	597	18		4367
	651.0		Û	-1	0	0	0	Û	G	0	0	0	0	0	0	0	0	0	-1	3224	470	3		3697
	655,8		Q	-1	0	0	0	0	0_	6		0	0	0	0	0	0	0	-1	3153	481	14		3654
	660.6		0	-1	0	0	0	0	0	1	0	0	0	. <b>1</b>	10	0	1	0	-1	2816	437	3		3269
	665.4		0	-1	0	0	0	1	0	0	0	0	0	0	3	0	0	16	-1	2589	378	12		2999
	670.2		0	1	0	0	3	0	0	0	0	10	0	0	0	0_	1	16	-1	2499	395	12		2936
	675.0		1	-1	0	Û	0	0	C	0	0	0	0	Û	0	0	0	22	-1	2141	224	3		2391

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	TEST P2	DISTAN 8	1CE 300	FROM	: SOUF IR <mark>S</mark>	CE	FUFF 2	RELE 300:0	ASE 1 0 PS1	IME	DAT.	∲ ACC	UMULA 4.6 S	TION Econd	INCRE S	MENT					GRO	UND L	EVEL	(1.5 M)
									REL/,1	IVE C	0NCEN	TRATI	0iv In	COUN	TS Pr	R TEN	SECO	),sDS						
	SECONDS AFTER RELEASE	D I 09	f	<u>А</u> 096	т 098	T 1 100	1 102	0 5 104	<b>1</b> 05	F ™ E 10 <sup>8</sup>	R 0 T 110	E 112	R 114	5 0 116 <sup>6</sup>	U L 11 <sup>8</sup>	R E 120	C V 122	Е, АТ 124	D 1 126	E 0 128	G R N 130	E 1 <sup>3</sup> 2	Ε	S CROSSWIND SUMS
	679.8		0	-1	0	.0	0	0	0	0	3	1	0	U	0	0	0	45	-T	2001	203	0		2253
	684.6		0	-1	0	0	0	<u>0</u>	L	0	0	0	0	3	0	ΰ	0	106	-1	1768	149	٥		2126
	689.4		0	-1	0	0	0	0	C	0	0	0	0	0	0	0	0	566	-1	1610	185	0		2361
	699 <b>.2</b>		0	-1	0	0	0	0	0	0	0	0	0	0	10	0	0	483	-1	1464	166	6		2129
	699.0			-	0_	0	0	0	0	Q	0	U	0	0	Û	6	e	460	-1	131ó	156	6		1944
	703.8		0	-1	0	0	0	0	ſ	1	0	£	ο	0	3	0	0	526	-1	1268	ΓE	0		1835
<u>.</u>	708.6		0	-1	0	0	0	0	0	0	0	С	0	0	0	Û	0	1106	-1	1320	49	6		2481
21	713.4		0	-5	0	0	0	0	0		_0	0	0	0	8	0	6	1353	-1	1008	78	1		2454
	718.2		Q	-1	0	0	1	0	0		Q	0	0	Ũ	Û	0	٥	1489	-1	1003	91	٥		2584
	723.0		Q	-1	0	0	0	0	. 0	0	0	0	0	0	0	Û	22	1643	-1	764	83	0		2512
	727.8			-	0	0	0	0	0	0	0	0	0	G	0	Q	31	1912	-1	781	47	0		2774
	732.6	~	0	-1_	_ 0	<u>0</u>	0	0	0	0	0	0	0	ũ	0	0	51	1920	-1	774	58	0		2803
	737.4	_	8	-1	0	0	0	0	0	0	0	0	0	C	20	D	T48	1883	-1	<b>7</b> 06	56	0		2831
	742.2			-	0	0	0	Q	υ	0	0	0	0	0	0	0	153	1914	-T	69T	58	0		2816
	7.47.0	-	0	-1	0	0	Q_	۰	0	3	0	0	С	Q	0	0	312	2178	-1	69S	41	0		3229
_	751.8		0	-1	0	0	0	0	0	0	0	0	0	0	0	0	222	2139	-1	EE9	9E	0		EEOE
	756.6		0	-1	0	0	0	0		<i>.</i>	0	Ð	0	Û	0	0	264	2218	-1	660	47	0		3189
	761.4		0	-1	0	O	0	£	0	- <u> </u>	0	0	0	G	0	0	FOE	2287	-1	SIO	43	6		3214

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	TEST P2	DISTANCE FROM SOURCE 800 METERS					PUFF RELEASE TIME 2300:00 PST				DATA ACCUMULATION INCREMENT 4.8 SECONDS								GROUND LEVEL (1.5 M)						
									RELAT	IVE C	ONCEN	TRATI	ON In	v COU <sub>iv</sub>	TS PE	ER TEN	SEC	0; IDS							
	SECONDS AFTER RELEASE	D	094	R 096	E C 098	T 100	J L • 102	0 5 104	106	F M E 10 <sup>B</sup>	R C T 110	۲ E 112	R 114	S E 11 <sup>6</sup>	L 118	E 120	V 122	a t 1 <sup>24</sup>	0I 126	E0 128	GN R 130	Е 1 <sup>3</sup> 2	E	Scrosswind Sums	
	766.2		0	-1	0	0	, D	Ģ	Û	0	8	0	o	ü	Û	1	337	2103	-1	524	51	0		31 <sub>0</sub> 4	
	771.0		1	-1	0	0	6	0	<u>.</u>	0	0	C	ũ	C	1	0	506	2324	-1	428	31	0		3297	
	775.8		0	-1	0	0	0	0	0	С	0	ΰ	0	6	3	3	591	2356	-1	3 <b>7</b> 8	18	10		3365	
	780.6		Q	-1	0	0	0	0	Û	C	0	D	Û	Û	0	0	570	2166	-1	422	31	0		3189	
	785.4		3	-1	Q	0	1	0	0	0	0	0	Q	Ú	0	0	624	2376	-1	393	14	0		3411	
	790.2		0	-1	0	U	0	0	6	Ů	0	C	Û	0	8	3	585	2231	-1	403	24	0		3260	
B-22	795.0		0	-1	0	0	D	Ú	C	0	0	0	Û	12	1	1	562	2212 2	-1	324	22	٥		3134	
	<b>799,</b> 8		0	-1	0	0	C.	0	Q	0	0	_ 1,	C	Û	0	16	574	<u>2</u> 106	-1	364	16	0		3077	
	804.6		0_	-1	0	0	Ċ	.0.	Ũ	C	0	0	C	Ű	0	1	543	2112	-1	<b>33</b> 5	22	0		3013	
	AZIMUTH SUMS		17	0	12	3	43	7	6	26	_13	16	0	28	77	56	6436	44461	06	8933	78596 1	004 <b>7</b>		208777	
TEST P2	DI	STANCE 800	E FROM METE	4 SOUR ERS	CE	PUFF 2	RELE	ASE T 0 PST	IME	DAT	A ACC	UMUL/ 4.8 9	ATION SECOND	INCRE S	EMENT					GRO	UND L	EVEL	(1.5 M)		
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								RELAT	IVE C	ONCEN	TRATI	ON In	v cou	TS PE	R TE	N SEC	ONDS								
SECONDS AFTER RELEASE	Ð	I 094	R E 096	т т 098	T 1 100	1 102	0 N 5 104	106	F M E 10 <sup>8</sup>	R. 0 T 110	M E 112	R 114	s c 116 <sup>E</sup>	U L 118	R E 120	C V 122	E / A T 124	D 1 126	E 0 128	G R N 130	E 1 <sup>3</sup> 2	E	S CROSSWINE SUMS		
855.0		0	-1	. 0	. 0	0	0	0	1	0	0	0	0	10	89	1014	1933	-1	<b>26</b> 6	47	0		3360		
859.8		<u> </u>	-1	0	1	0	0	٥		. 0	U	0	1	12	64	1093	1785	-1	283	37	1		3277		
864,6		0	.71		Û	1	C .	0	0	0	0	0	Û	0	101	1041	1766	-1	226	31	0		3166		
869.4		0	-1	0		0	0	C	0	0	C	0	0	O	135	1143	1618	-1	195	33	O		3124		
874.2			-1	0	0	O_	0	0		. 0	. 0	0	0	0	91	1045	1731	-1	278	24	0		3169		
879.0		0	-1	<b>.</b> 0 .					0	0	0	Q	1	0	141	1066	1443	-1	222	14	3		2890		
w 883.8	-	0	-1	0	0		0.	0	0	D	0	Ũ	Ũ	12	91	1037	1368	-1	195	20	0		2723		
N 888.6		0	-1	0		0	6	00	0	3	0_	Q	0	10	83	1087	1608	-1	210	18	0		3025		
893.4		0	-1	0	0	0	1	Û	1	0	0	0	0	1	161	1039	1533	-1	160	22	1		7859		
898.2		0	-1		. 0			0	0	0	0	0	0	10	89	1024	1524	-1	201	6	0		2854		
903.0		0	-1	0	Ú	0	0	<u> </u>	0	10	0		0	1	95	1064	1262	-1	145	16	0		2594		
907.8		Q.	-1	0	Û	0	Q	0	0	0	0	0	0	0	139	868	1201	-1	128	12	0		2348		
912.6		0	-1	0	0	<u>_</u> C	Q	0	Ō	0	O	0	Û	0	93	1012	1158	-1	106	3	0		2372		
917,4		0	-1	0	0	0	0	<u> </u>	0	0	0	0	Ű	1	81	978	1435	-1	151	14	0		2660		
922.2			-1	<u> </u>	0	Q_		¢	O .	. 0	1	0	Ú	D	93	1085	1262	-1	158	0	0		2599		
927.0		0	-1	0	0	C	C	0	3	0	0	3	0	0	99	1101	1437	-1	89	0	0		2732		
931,8		0	-1	0	0	0	0	0	<u>0</u>	0	0	0	0	0	91	TT2T	1274	-1	116	12	0		2644		
936.6		3.	-1	0	3	1	0	0	0	0	Ð	3	3	0	101	1033	1024	-1	108	0	0		2279		

5 • r •

TEST P2	DIS	TANCE 800	E FRO D ME1	DM SO	JrCE		PUFF	RELE 2300:0	1 1	r∎ r	ΠΔΤ	F ⊉C(	NUL) Reu S	ען ECOn	⊥ ∛CRE ∠S	2 ENT					GRO	UND LI	EVEL	(1.5 M)
									RELAI	riva d	ONCEN	тката	(0. I)	1 000,	TS P	R TE	N SEC	0 <sub>.:D</sub> 5						
SECONDS AFTER RELEASE	D	I 094	R A 0.96	<u>е (</u> т 5 098	<u> </u>	- 1	1 10 <sup>2</sup>	0 5 104	<b>1</b> 06	F ™ E 10 <sup>8</sup>	R C T 110	) ^ E 112	R 114	s ( 116	U L 11 <sup>8</sup>	R E 120	C V 122	E / A 1 1 <sup>24</sup>	0 1 126	E 0 128	G R N 1 <sup>3</sup> 0	Е 1 <sup>3</sup> 2	E	S CROSSWIND SUMS
941.4		0	-1		<u>.</u>	0	.0	e	S	0	0	Ŭ	э	0	6	72	1051	1187	-1	135	3	0		2454
946.2		0	-1	(	<u> </u>	Q	C	Q		. 0	0	0	Û	υ	3	106	1091	957	-1	89	12	0		2288
951.0		0	-1		•	1	0	1	Ĉ.	0	0	0	Û	G	0	103	1093	958	-1	64	3	0		2223
955.8	<b>_</b>	<b>.</b> 0	-1	(	Ι.,	0	G	D	Ĵ	0	0	0	ö	ъ	1	133	1022	947	-1	95	0	0		2214
960.6		0	-1	(	I	0		0	<u></u>	0	0	0	0	U	1	151	1047	1103	-1	99	0	0		2401
965.4		0	-1		I	0	0	0	0	0	6	U	0	ΰ	Û	164	1039	1176	-1	58	0	υ		2443
970.2		8	-1	. (	)	0	0	0	0	0	0	0	0	0	Û	201	935	960	-1	97	0	1		2202
№ 975.0		0	-1		I	0	0	0	0	0	0	ə	6	C	12	268	951	935	-1	<b>7</b> 0	0	3		2176
979.8		0	-1		) 	0_	0	C	0	0	0	0	С	C	G	172	864	720	-1	81	6	0		1843
984.6		0	-1	. (	1	8	0	0	3	0	0	o	Û	U	8	199	797	810	-1	72	0	0		1894
989.4		0	-1	(	)	0	0	0	<u>c</u>	0	0	0	C	Ú	0	165	697	953	-1	49	0	0		2084
994.2		0	-1	. (		0	0	. 0	Û	0	0	Û	0	υ	0	328	647	891	-1	47	0	1		2114
999.0		0	-1	. (	)	1	0	0	G	0	0	o	٥	Ú	12	360	674	691	-1	53	C	0		1796
1003.8		0	-1		5	0	0	υ	0_	0	0	0	Ű	G	8	274	741	753	-1	49	3	0		1831
1008.6		0	-1	!	)	0	0	Û	0	0	1	0	0	Ú	10	312	831	737	-1	35	0	٥		1926
1013.4		0	1	1	)	υ	0	о	0	0	0	0	G	Û	Û	214	751	774	-1	26	0	6		1771
1018.2		3	-1	(	)	0	0	<u> </u>	0	0	0	Ũ	Û	ΰ	8	237	651	778	-1	20	10	12		1727
1023.0		1	-1		)	0	0	0	0	0	1	0	Ũ	U	22	218	678	793	-1	49	0	0		1762

	TEST P2	DIS	TANCE 800	FROM METE	-SOUP RS	CE.	I UFF	RELE 2300:0	ASE T 0 PST	IME -	- DAT	A ACC	UMULA 4.8 S	TION SECOND	INCRE S	MENT					GROU	JND LE	EVEL	(1.5 M)
									RELAT	IVE C	ONCEN	TRATI	ON IN		TS PE	R TEN	SEC	0 <sub>N</sub> DS						
	SECONDS AFTER RELEASE	<b>ت</b>	<b>I</b> 094	<u>в</u> 096	с Т 098	T. 100	I 10 <sup>2</sup>	0 N 5 104	106	F M E 10 <sup>8</sup>	R 0 T 110		R 114	2 0 116 <sup>6</sup>	L 118	R E 1 <sup>2</sup> 0	C V 122	Ĕ, A T 124	D I 126	E 0 128	G R N 130	E 1 <sup>3</sup> 2	٤	S CROSSWIND SUMS
	1027.8		Û	1	0	0	0	. 0	0	1	0	0	D	0	3	197	62 <b>2</b>	693	-1	47	0	0		1563
	1032.6		00	-1	0	0_	0	8	0	0	0	Q	0	0	20	235	610	639	-1	53	6	0		1571
	1037.4		0	-1	. 0	0	10		_ <b>0</b>	Q	1	Q	Q	٥	8	195	516	660	-1	24	1	0		1415
	1042.2		0	1		Q.	0			. 6	٥	0	0	Û	20	145	647	528	-1	35	0	0		1381
	1047.0	** · · ·	0	-1	0	0_	<u> </u> 0	3	0	0	0	0			16	164	568	608	-1	. 41	0	3		1403
	1051.8		0	1	0	0	0				O.	3	0	0	28	187	443	699	-1	64		0		1425
B.	1056.6		0	-1		0	0	0	0		<u>,</u> 0	0	0	0	12	162	533	626	-1	43	0	0		1379
- 25	1061.4		۵	-1	0	0	0	0	0	0	0	0	0	_0	16	187	626	643	-1	18	0	0		1490
	1066.2		0	- T	0	0	_0	9	0	3	0	0	0	Û	14	TT6	570	551	-T	99	0	0		1303
	1071.0		0	-1	0	0	0	0	0	0	0	0	0	0	0	160	603	493	-1	28	0	0		1284
	1675.8		0	-1	0	0	0	0	0	0	0	0	0	0	10	172	564	<b>.</b> 397	-т	5 <u>1</u>	1	_0		1195
	1080.6		Q	-1	0	0	0	0	0_	0_	0	0	0		0	222	587	456	-1	43	0	0		1308
	1085.4		0	-1	0	_0	0	0	0	0	0	0	0	0	6	172	578	410	-1	14	0	0		1180
	1090.2		Q	-1	0	0	0	0	0_	0	0	Q	0	0	1	220	528	<b>3</b> 95	-1	18	0	0		1162
• • • •	1095.0		Q	-1	0	0	0	Q	0	0	0	0	3	0	3	214	528	424	-1	14	0	.0		1186
	1099.8		Q	-1	0	0	0	Q	0	0	0	0	0	0	28	233	524	370	-1	10	0	.1		1166
	1104.6		0	-1	0	0	0		0	0	. 0	0	0	0	18	208	583	318	-1	33	0	0		1160
	1109.4		0	-1	0	0	6	0	0	0	0	0	0	0	24	206	591	310	-1	12	0, ,	. 0		1149

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	TEST P2	015	TANCE 800	FROM	1 SOUR RS	CE	PUFF 2	RELE 300:0	ASE T	IME	DAT	A ACC	UMUL 4.8 S	ATION SECOND	INCRE S	MENT					GRC	DUND L	EVEL	(1.5 M)
							<u>.</u>		RELAT	IVE C	ONCEN	TRATI	ON IN	I ÇOUN	TS PE	R TEN	SEC	NDS						
	SECONDS AFTER RELEASE	D	<u> </u>	<u>к</u> 096	с т 098	т 100	1	0 N 5 104	106	F 108	R 0 5 T 110	M E 112	R 114	5 0 E 116	U L 118	R E 120	C V 122	E / A T 124	D 1 126	E 0 128	G R N 130	E 132	E	S CROSSWIND SUMS
	1114.2		. 0	-1	0	<u>0</u>	1		0	0	0		0	0	26	228	460	420	-1	14	0	0		1149
	1119.0		Q	-1	0		Q	00	0	0	0	0	0	0	24	210	464	366	-1	0	0	0		1064
	1123.8		0	-1	. 0	0	0	0	0	1	0	0	0	0	56	197	562	291	-1	6	0	0		1113
	1128.6		0	-1	0	3	0	1	0	0	0	_ 0	. 0	0	35	208	451	318	-1	6	0	0		1022
	1133.4		0	-1	0	0	0	1	0	0	0	0	0	0	51	270	493	268	-1	12	0	.0		1095
	1138.2		0	-1	0	0	0	0	0	0	0	0	0	0	20	262	524	208	-1	10	0	0		1024
ω	1143.0		0	-1	0	1	0	0	0	3	1	0	0	0	70	220	487	256	-1	0	0	0		1038
- 26	1147.8		0	-1	0	0	3	Q	0	0	0	0	0	00	106	245	374	328	-1	8	0	0,		1064
	1152.6		10	-1	0	0	0	0	0	0	0	0	<b>, 1</b>	3	58	224	487	295	-1	0	0	0		1078
	1157.4		1	-1	0	0	10	0	0	0	0	6	0	0	56	264	418	<b>2</b> 60	-1	6	0	• 0		1021
	AZIMUTE SUMS	-	26	0	3_	18	32	21	0	23	23	10	19	16	877 1	11137	49782	54745	0	5097	354	29		122212

. . .

	TEST P2	DISTANCE 200	FROM SOL METERS	JRCE	PUFF REI _ 2300	LEASE TIME :00 PST	DATA	ACCUMUL 4.8	ATION ING	CREMENT		- <b>10</b>	TOW	/ER		
						RELATIVE	CONCENT	RATION I	N COUNTS	PER TEN	SECONDS					
	SECONDS AFTER Release	0 9 0.8M	D I R 8 D 1,5M	E C E G 3.0M	T <u>I</u> 0 REE 6,1M	N F 5 10.7M	R O M 1 1 0,8M	<u>50</u> 4D 1.5M	U R E G 3 0	<u>се</u> R Е Е 6•1м	A N D S 10.7M	E L 1 3 0.8m	E V 0 D 1.5M	A T I E G 3.0M	0 N R E E 6,1 <sub>M</sub>	S 10,7M
	190.0	. 3.		<b>Q</b> .	0 .	1			. 0	0	Q	0	0,	10	14	2681
	194.8	<u> </u>	0	0	0_	00	3	0	0	0	0	0	Q	149	47	6641
	199.6	0	0	3	0	0	0	0		Q.	. 0	0	.0.	431	64	5612
	204.4	0.	3	0	0	0	0	0	0	Q	Q	1	122	874	0	8508
	209.2	3	0	0	٥	0	0	0	0	0	<b>1</b>	193	691	1712	8	5535
	214.0			1	Q	8	0	0	Û	<u> </u>		93	291	3087	68	4735
B	218.8	9	0	0	0	0	0	0	. 0	Q.	. 0	116	518	507B	3	3551
- 27	223.6		0	6	1	0	0	0	0	0	0	268	712	2466	31	2958
	228.4	٥	0	Q	0	0	0	0		1		231	539	2037	31	837
	233.2	0	0	0	0	Q	0	0	0	<b>Q</b> .	0	228	408	1764	47	1591
	238.0	0	0	0	0	0	0	0	1	Q		164	510	547	28	1533
	242.8	Ω	3	0	0	0	0	0	n	D	6	89	206	166	37	712
	247.6	0	0	0	n	0	0	1	0	0	6	81	93	174	3	258
	252.4		0		ń		n	. 0	0	0		58	47	43	6	85
	257.2	<u>_</u>	0		1	V		¥	ų 1		<b>-</b>	47		101		247
	263 0	<u>0</u>	¥		<b>#</b>	·····¥····			<b>_</b>	<b></b>	<b>.</b>		45	16	78	220
				<u>0</u> -			······································	······	U.		•	±₹ 77	70	, 4U	, r U	200
	266.8	00	00	0_	0		U	<b>i</b>	0	Q	<u>-</u>	55	33	_ 28		/0
	271.6		00	0		Q		0		1		24	. 41	26	83	O

	TEST P2	DISTANCE 200	FROM SU	URCE	PUFF REL 2300;	EASE TIM 00.PST	E DATA	ACCUMULA 4.8 S	TION IN ECONDS	CREMENT			TOW	ER		
						RELATIV	E CONCENT	RATION IN	COUNTS	S PER TEN	I SECONDS					
	SECONDS AFTER RELEASE	0 9 0.84	D <u>IR</u> 8D 1,5M	EC EG 3.CM	T I O R E E 6,1M	N F	R 0 M 1 1 0.8M	5 0 4 D 1.5M	UR EG 3.0 <sub>M</sub>	C E R E E 6.1M	A N D S	E L 1 3 0.8M	E V 0 D 1,5M	A T I E G 3,0M	0 N R E E 6.1M	S 10.7M
	276.4	. ۵	. 0		0.		0	0	Û	C	0	31	6	3	83	1
	281.2	0	Ũ	0	0	0	0	0		0	Q	45	31	3	189	14
	286.0	Û	0	0	0	0	0	٥	0	0	Ģ	24	0	6	287	12
	290.8	о	0	0	0	0	0	٥	1	0	9	12	6	0	464	1
	295.6	Q	0	0	0	0	00	0	<u> </u>	0		14	16	6	526	3
	300.4	0	1	0	.0	6	1	0	0	0	0	6	3	10	678	10
æ	305.2	0	0	1	1	0	0	٥	0	0	. 0	1	1	14	739	0
- 28	310,0	<u>ù</u>	0	0	0	0	0	0	0	0	. 0 .	1	0	66	816	0
	314,8	5	0	0	0	1	0	0	Q	0	Q	0	0	72	1164	0
	319.6	Û	Ð	0	0	.0	0	0	Û	0	0	1	0	197	1308	0
	324,4	0	0	0	0	_0	0	0	1	1	8	0	3	287	1322	0
	329.2	0	0			0	6	٥	.0	0	۵	1	0	303	1281	0
	334.0	0	0	0	0	6	0	0	3	0	Ģ	3	3	393	1251	0
	338.8		1	0	0	1	0	0	Q	0	10	10	0	414	1156	· 0
	CHIPE	6	14	11	3	26	10	2	7	3	45	1789	4362	20483	11882	45815

`	TEST P2	DISTANCE 200	FROM SOU	URCE	PUFF REL 2300:	EASE TIME 00 PST	DATA	ACCUMUL 4.8	ATION IN Seconds	ICREMENT			TOW	ER		
		· .				RELATIVE	CONCENT	RATION 1	N COUNTS	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	DIR 8 D 1,5M	E C E G 3.DM	T I O R E E _ 6.1M	N F 5 10.7M	R 0 M 1 1 0.8M	. S 0 4 D 1.5M	)した )とら 3.0 <sub>2</sub> 、	C E R E E 6•1%	А N D S	E L 1 3 0.8 <sub>M</sub>	EV DD 1.5M	A T I E G 3.0m	0 N R E E 6.1 <sub>M</sub>	S 10.7 <sub>M</sub>
	507.0	<b>0</b>	0	<b>0</b>		0	6497	3999	122	Û	22	89	10	10	28	0
	511.8	<u> </u>	0	Q	0	0	8764	4999	189	0	35	78	1	10	26	0
` 	516.6	0	0	0	0	0	8195	4193	178	0	35	95	0	22	12	0
	521.4	<u> </u>	0	0	00	0	7868	3393	34 <u>1</u>	1	37	74	0	31	0	0
*	526.2	0	۵	0	0	0	7370	4072	272	0	12	66	10	6	18	0
·,	531.0	Q	0	0			7622	3828	268	0	16	64	Û	14	31	0
	535.8		3	0	0	0	7091	3266	97	0	33	58	14	18	26	0
-29	540.6	<b>i</b>	O	0	0	0	7256	3366	341	. 0	20	49	3	22	14	0
	545.4	ū	0	0	0		7958	3308	264	Û	2ĝ	51	10	12	18	0
	550.2	1	0	Q		0.	6766	2460	91	0	12	62	8	<b>3</b> 5	8	0
·	555.0		0	0	0	0	7833	2812	399	Û	16	41	20	18	18	0
<b>.</b>	559.8	·	Q	0	0	0	7645	2812	764	0	12	28	3	22	22	0
	564.6		0	0	0	0	6651	2345	362	0	8	20	3	3	20	0
	569.4	0	0	Q	Q	0	6743	3210	393	٥	28	43	0	3	12	0
	574.2	0	0	0	0	0	7699	2670	133	0	43	<b>3</b> 5	18	3	14	0
	579.0	0	0		0	0	6674	2606	258	1	18	14	1	14	8	0
	583,8	0	0	0	0	0	5612	2972	65 <sub>8</sub>	6	14	28	3	0	12	0
	588.6	a		Q		Q	6603	3308	870	٥	12	24	٥	8	1	0

	TEST P2	DISTANCE 200	FROM SOL METERS	JRCE	PUFF REL 2300;	EASE TIME 00 PST	DAT	A ACCUMU 4.8	LATION I SECONDS	NCREMENT						
						RELATIVE	CONCENT	TRATION	IN COUNT	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	<u>D</u> IR 8 D 1,5M	E C E G 3.0M	<u>î to'</u> R E E 6,1M	: E S 1.0 • 7M	R 0 0	<u>14</u> 15	0_U_ti D_E_U 3.0	C E R E E 6.14	A N U S	E L 1 3 0.8M	E V 0 D 1.5M	A T I E G 3.0M	0 N R E E 6∙1 <sup>M</sup>	5 10•7M
	593.4	ρ	Q	0	0	8	6101	3287	56 <sub>0</sub>	Û	28	16	12	8	0	0
	598.2	0	0	0	0	0	5451	4351	1189	6	33	26	0	0	0	0
	603.0	<b>0</b>	1	0	Q	0	5470	3551	818	0	28	26	0	14	3	1
	607.8	0	0	0	0	6	542 <b>6</b>	3028	289	Ú	28	14	0	0	0	0
<u></u>	612.6	0	0	6	0	0	4937	1897	462	0	10	<b>2</b> 6	0	1	0	0
	617.4	0		0	0	Û	4301	2570	57 <sub>0</sub>	10	8	10	0	0	0	0
. 🖽	622.2	0	O	Ū	0	0	5168	<b>3</b> 25 <b>3</b>	37 <sub>U</sub>	Û	1	o	0	0	10	0
- 30	627.0	0	<u> </u>	0	00	1	4289	2074	539	0	1	0	0	3	0	0
	631.8	6	0	0	0	3	4412	2935	522	16	8	0	0	0	0	0
	636.6	0	0	0	0	0	4512	320 <b>3</b>	393	0	в	1	0	0	3	10
	641.4	0	3	0	0	12	4493	2024	يە1	0	10	12	0	0	0	0
	646.2		<u> </u>	0		0	338 <b>9</b>	2114	187	0	16	0	o	1	0	0
	651.0	0	0	0	0	0	3756	1210	174	0	þ	14	0	0	0	0
	655.8	0	0	3	.0	Ç.	3141	1403	81	6	Q	0	0	0	0	0
	660.6	3	0	0	0	Ũ	3445	1670	285	8	3	8	0	0	0	1
	665.4	1	0	0	0	1	4083	1933	412	8	12	C	0	D	3	0
	670.2	Û	٥	0	0	0	2728	1208	122	76	ļ	1	0	0	0	0
	675.0	Ŭ	C	0	0	O	2049	1351	345	49	1	Û	0	0	0	0

	TEST	DISTANCE 200	FROM SOL METERS	JRCE	PUFF REL 2300:	EASE TIME	E DATA	A ACCUMULA 4.8 S	ATION I Seconds	NCREMENT			TOWE	R		
						RELATIVE	CONCEN	TRATION IN	I COUNT	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	DIR 8 D 1,5M	E C E G 3.0M	<u>j i o</u> r e e 6,1m	N F S 10.7M	R 0 1 1 1 0.8M	M <u>S</u> O 14D 1.5M	U _R E 6 3.0m	C E R E E 6∙1M	AND S 10.7M	EL 1 3 0.8%	EV A 0 D 1.5M	T I E G 3.0M	0 N R E E 6.1M	s 10.7м
	679.8	<b>0</b>	0	Q	0		2172	978	378	47	1	0	0	0	0	0
	684.6	0	<u>0</u>	0_	0	0	2401	1739	489	47	1	0	0	1	0	0
	689.4	0	0	1	0	1	3328	1462	57 <sub>2</sub>	39	â	Û	0	0	0	0
	694.2	Q	0	Q		0	2706	1408	637	12	Q	0	0	0	0	0
_	699.0	0	Q	0_	0	0	2849	1753	764	8	16	6	0	0	0	1
	703.8	0		Q	۵	Q	2164	1643	ن76	10	10	0	0	0	0	0
555	708.6	٩	0	<u>0</u>		Q	2435	1564	687	14	3	0	0	0	0	0
31	713.4	0	0	0	0	0	2428	1556	462	0	٥	0	0	0	3	0
	718.2	<u>0</u>	Q	0	0	0	2043	1287	453	18	ŷ	0	0	3	0	0
	723.0	Q	Q	0	0	3	2318	976	306	31	1	Û	0	1	0	0
	727.8	0	0	00	.0	0	1556	781	243	16	0	0	0	0	0	0
	732.6	0	Q	0	0	0	1814	981	339	31	9	0	0	0	0	0
	737.4	0	Q	0	0	0	1633	810	272	20	Q	0	6	0	0	0
	742,2	0	0	00	Q	00	1228	610	185	6	Û	Û	0	0	0	0
	747.0	O	0	Q	0	0	972	614	212	3	Q	0	0	0	0	0
	751.8	٥		0	0	0	1189	660	208	8	Q	٥	0	0	0	0
	<b>756</b> ,6	0	0	0	0	0	1047	693	27 <sub>6</sub>	22	3	0	3	0	0	1
	761.4	1	0	0		<b>i</b>	885	50 <b>8</b>	231	20	Q					0

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TEST P2	DISTANCE	FROM SO METERS	URCE	PUFF REL 2300	EASE TIM 0, PST	DAT	E ACCUMU 4•8	LATION I SECONDS	NCREMENT						
					RELATIV	E CONCEN	NCTTART	IN COUPAT	S PER TEN	SECONDS					
SECONDS AFTER RELEASE	0 9 0.8M	D <u>IR</u> 8 D 1,5M	E C E G 3.0M	T I O R E E 6.1M	<u>N</u> 5 10.7M	R 0 1 0.8M	M 5 1 4 1.5№	0 U K D E 6 3.0	C E R E E 6.1M	а N U S 10.7/4	E L 1 3 0.8⊱	EV 0 D 1.5M	ATI E <i>g</i> 3.0m	ON REE 6.1M	S 10.7м
766.2	<u> </u>	0	0	1	. O	814	39 <b>9</b>	210	6	в	0	0	0	8	Û
771.0	0	0	0	0	0	758	349	ن <sup>9</sup> 1	16	g	ú	0	0	0	0
775.8	Q	0	0	0	0	751	518	17 <sub>0</sub>	1	Q	Û	0	0	0	0
780.6	0	0	0	0	.0	901	528	187	12	Q	0	0	0	0	0
785.4	0	Q	0_	C	Q0	724	374	160	14	Q	0	0	O	0	0
790.2	0	0	0		0	760	420	<b>16</b> 8	14	٥	0	0	0	0	0
<b>795.</b> 0		0	0	0	0	68 <b>3</b>	476	162	12	Q	Û	0	0	0	0
799.8	0	0	0_	0	0	781	535	197	1	Q	0	0	0	o	0
804,6	Q	0	0	C	0	724	585	191	20	ð	Û	0	0	0	0
SUMS	<u>14</u>	7	<u>10</u>	9	36	250062	126940	22641	635	632	1081	125	283	318	

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	TEST P2	DISTANCE 200	E FROM SÓL D METERS	RCE P	UFF REL 2300:	EASE TIM 00 PST	E DAT,	ACCUMUL 4.8	ATION I SECONDS	NCREMENT			TOW	ER		
			·. · ·			RELATIV	E CONCEN	TRATION I	N COUNT	S PER TEN	SECONDS					
• •	SECONDS AFTER RELEASE	0 0.8%	D I R 9 8 D 1.5M	ECT EGR 3.0M	I 0 E E E 6,1M	S 10.7M	R 0 1 0.8M	4 5 0 1 4 D 1.5M	U R E G 3.0 <sub>M</sub>	C E R E E 6.1M	A N D S	E L 1 3 0.8M	E V 0 D 1.5m	A T I E G 3.0M	0 N R E E 6.1M	5 10.7м
-	855.0	0		0	0	0	410	268	145	1	ĝ	0	0	0	0	0
	859.8		<u> </u>	00	0	<u> </u>	372	293	143	<u> </u>	Q		0	0		0
	864.6	û		Q		0	381	270	116	. 6	0	6	0	0	0	0
	869.4		0				220	128	101	22	ĝ	0	0	0	1	0
	874.2	0	0	0	<u> </u>	0	239	214	1 <sup>5</sup> 8	11	<b>Q</b>	0		0		0
	879.0	0	Û	0	9	Q	<i>76</i> -8	TSA	143	0	0	0	0	0	0	
₿	883.8	U	Q	0	8	0	253	206	120	18	٥	0	0	0	0	
22	888.6	0		0	Q	3	306	214	83	0	0	0	Q	Q	0	0
	893,4	O	3	0	0	_0	262	181	70	6	٥	0	0	0	0	0
	898.2	0	0	0	0	0_	283	210	78	6	g	0	0	0	0	1
	903.0	۵	00		<u>0</u>	00	291	TIZ	33	- 4	А	n	0	0	٥	. 0
	90 <b>7</b> ,•8		Q	0	0	<u>م</u>	258	126	43			0	0	0	<b>Q</b>	0
	912.6	D	0	0	0	0	206	156	45	0	Q	0	0	. 0	0	0
	917.4	<u> </u>		0	00	0	141	120	51		0	0	0	0	0	0
	922.2	٥	0	0	e	_0_	174	110	20	0	۵	0	0	0	₽	0
	927.0	0	0	0	0	0	181	1Z0	22	0	9	0	0	14	0	0
	931.8	<u> </u>	0		0	0	120	108	26	0		0	0	0	0	0
	936,6	0	0	0	0	0	LET	89	26	0	Ô	0	0	0	8	0

	TEST P2	DISTANCE	FROM SOU	JRCE	PUFF REL	EASE TIME	DATA	ACCUMUL 4.8	ATION IN SECON <sub>D</sub> S	ICREMENT			TOW	ER		
					·	RELATIVE	CONCENT	RATION I	N COUNTS	5 PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	DIR 980 1.5M	E C E G 3.0M	<u>Y I O</u> R E E 6.1M	N F 5	R 0, M 1 1 0.8M	<u>S O</u> 4 D 1.5M	U E 3.0 <sub>M</sub>	E E E 6•1M	A N D S 10.7M	E L 1 3 0.8M	E V 0 D 1.5M	A T I E G 3.0M	0 N R E E 6.1M	S 10.7M
	941.4	0	0	0		Q	147	110	22		. 0	· 8	. 0,	0	. 0	, O
	946.2	O	0	0	0	0	126	78	10	0	0	0	0	0	0	0
	95 <b>1.</b> 0	9.	0	0	0	0	103	64	16	0	0	0	0	0	0	Q
	955.8		0	0	0	0	97	47	<b>Q</b>	. 0	0	0	0	0	0	
	960.6	0	0	0	<u>    0                                </u>	0	6 <b>6</b>	28	12	0	6	0	00	0	0	0
	965.4	. o	0	0	0	0	83	39	20	0	0	.0	0	0	0	0
ъ	970.2	0	0	0	0	0	53	51	3	0	. 9	. 0	0	0	0	0
- 34	975.0	0	0	0		0	_70	<u>47</u>	24	0	6	0	0	0	0	0
	979.8	0	0	0	0	0	85	39	0	0	<b>A</b>	.0		, 0 <u>,</u>	0	0
	984.6	o	. 0	0	0	0	72	53	12	. 0	ß	0	0	0	0	Q
	989,4	0	0	0	0	0	76	43	0	0	<u> </u>	<u> </u>	0	0	0	6
	994.2	<u>.</u>	0	0	0	0	53	18		0	0	0	0	. 0	1	0
	999.0	0	0	1	Q	0	26	18	1	0	Û	0	0	0	3	0
	1003.8	<u>0</u>		0	0	Q	45	12	Q	Q			_0	0	. 0	0
	1008.6	0	0	0	0	0	37	18	. 1	0	ĝ	0	0	0	0	0
	1013.4	0	0	0	0	. 0	24	31	0	0	٥	0	0	Q	0	0
	1018.2	0	0	0	0	0	47	31	0	0	<u>,</u>	0	Q	0	0	Q
	1023.0	C	0	0	0	0	24	28	0	0	Q	8	0	0	0	0

	TEST P2	DISTANCE 200	FROM SO	URCE	PUFF REL 2300:	EASE TIME 00 PST	DATA	ACCUMUL	ATION IN SECONDS	NCREMENT		·· ·· · <u>·</u> · ·	TOWER		,	
						RELATIVE	CONCENT	RATION I	COUNTS	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	DIR 8 D 1,5M	E G 3.0M	T I O R E E 6.1M	<u>N</u> 5 10.7м	R 0 M 1 1 0.8M	<u>5</u> 0 4 D 1.5M	U R E G 3.0 <sub>M</sub>	C E R E E 6.1M	A N D S 10.7M	E L 1 3 0.8M	E V A 0 D 1.5M	T I E G 3.0M	0 N R E E 6.1 <sub>M</sub>	S 10.7м
	1027.6	0	3 .			1	26	16	20	0	Ð	0	0	0	0	0
	1032.6	Q	0	0	0	<u>0</u>	26	1	1	0	{	0	<b>.</b>	0		. D
	1037.4	0		0	0	0	18	1		. 0	. 0	0	0	0	0.	0
	1042.2	3		0	0	0	22	0		0	<b>.</b>	0	0	0_	0_	0
	1047.0	Q	0	0	0_	0	16	12	0	<u> </u>	<u> </u>	_0	0	0	0	
	1051.8		0	0		Q	18	6	Q	Q		_1	0	0		0
8	1056.6	. 0 .		0		Q	20	0				0	0	0	0	0,
35	1061.4	Q	0	0	0	0	20	16	1_	0	0	0	0	00		0
ala a s	1066.2			Q	0	0	20	10		Q	<b>Q</b>	Q	0	0	<b>D</b>	O.
	1071.0		0	3	0	0	24	1	0	0	Q	0	0	0	0	0
	1075.8	0	0	0	0	0	22	1	0	0	0	0	0	0	0	0
	1080.6		0	<u> </u>	0	Q	22	12	0	Q	0	0	Q	0	0	0
	1085.4		0	0	0	Q	6	6	1			0	0	0	0	0
	1090.2	0	0	0	0	<u> </u>	16	14	1	0_	<u>0</u>	0	00	0	0	
	1095.0	0	0	0	0	0	20	3	0	0		_0	0	0	0	0
	1099.8	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	1104.6	Q	<u> </u>	0	0	0	14	3	3	0_	<u>0</u>	0	0	Q	Q	O.
	1109.4			0	0	0	26	6		0		0	0	0	0	0

TEST- P2	DISTANCE 200	FROM SOL	IRCE 1	UFF REL 2300;	EASE TIME DO PST	DATA	ACCUMUL,	ATION IN SECONDS	CREMENT						
					ELATIVE	CONCENTR	NOITAN II	V COUNTS	PER TEN	I SECONDS					
SECONDS AFTER RELEASE	0 9 0.8	DIR 8 D 1,5M	EC EGI 3.0M	T I O R E E 6.1M	N F 5 10,7M	R 0 M 1 1 0.8M	<u>50</u> 431.5M	UR EG 3.0 <sub>M</sub>	<b>CE</b> REE 6 1	A N D S# 10.7M	E L 1 3 0.8M	Е V 0 D 1.5м	ATI EG 3.0M	O N R E E 6.1M	5 10.7м
1114.2	θ	a	0	. 0	. Q	12	0	Û	0	â	٥	0	0	0	0
1119,0	<u>ů</u>	0	0	0	<u> </u>	22	6		10	9	0	0	0	0	0
1123.8	0	3	1	0	0	16	0	<sup>1</sup> 6	٥	۵	0	0	0	0	0
1128.6	Ũ	0	0	0	0	22	14	1 <sub>0</sub>	0	Q	0	0	0	0	0
1133,4	0	00	0	0	0	10	3	<u> </u>	0	<u>0</u>	0	0	0	0	0
1138.2	θ.	0	.0	0		12	3	0	0	ĝ	0	6	0	0	0
1143.0	J	0	O	0	0	14	0	0	0	Q	0	0	0	O	0
1147.8		0	00	0	0	14	6	3	0		0	0,	0	0	O
1152.6	Q	0	0	0		3	8	0	0		Ō	0	0	0	0
1157.4	Û	, <b>1</b> ,	. <b>O</b>	0	0	. 0.	Û	. 0	0	Q	D	0	3.	0	0
SUMS	3	4	12	14	4	6167	4046	1626	74	18	23	6	17	19	

	TEST	DISTANCE 800	FROM SOU METERS	URCE	FUFF REL 2300	EASE TIM	E DATA	ACCUMULA 4.8 S	ATION IN SECONDS	NCREMEINT			TO	WER		
						RELATIV	E CONCENTR	RATION IN	COUNTS	S PER TEN	SECO IDS					
	SECONDS AFTER RELEASE	0 9 _ 0.8M	D <u>IR</u> 8 D 1.5M	E C E G 4.6M	T I O R E E 10,7M	N F 5 21.3M	R 0 M 1 1 0.8M	50 4D 1•5%	U R E 6 4.6	C E R E E 10.7M	A N D 5n 21•3M	E L 1 3 0.8 <sub>M</sub>	E V 0 I 1.5M	A T I D E G 4.6M	0 N R E E 10.7 <sub>M</sub>	s 21.3м
······	855.0	-1		Q		0	8	0	ú	0	û	320	741	2241	<b>9</b> 9	0
	859.8	-1	0	0			0	0	Ű	1	Q	528	947	2370	93	0
	864.6	-1	0	0	. 0	0	0	0	J	1	٥	801	1281	3224	153	0
	869.4	-1	0	0		0	0	0	Û	3	a	908	1647	3043	156	0
	874.2	=1	Q	0	1			Q	0	28	3	1881	2499	3393	2 <b>7</b> 0	0
	879.0	-1		0	0		0	O	Ú	22	٥	1551	2583	3601	249	0
- 60	883.8	-1	0	0	0	0		O	Ű	3	٥	1908	2918	3068	185	0
- 37	888.6	-1	0	0_		0	0	0	Û	31	Q	3081	3358	4741	316	0
	893.4	-1	0	Q	Q		<b>O</b> .	Û	J	24	ĝ	3543	3622	3968	<b>55</b> 8	0
	898.2	-1	0	1	Q			Û	. 0	18	1	3847	3493	4464	439	0
	903.0	-1	٥	0	0	0	0	Q	. U	18	Q	4101	3426	5920	614	0
	907.8	-1	0	0	0	Q	0	. 0	û	20	Q	3720	3776	6745	660	0
	912.6	-1	<u>0</u>	0	24	0	16	0	0	31	6	4889	4374	6689	383	0
:	917.4		0		0	0	0	0		35	Q	4795	4501	6197	274	0
	922.2	-1	3	0	0	0	0	0	. 0	18	9	4849	4337	5274	260	0
	927.0	-1	Q	0	0	0	0	, O	Ũ	18	g	4764	4139	4303	339	0
	931.8	-1	0	0	0	0	0	0	i	35	<u>Q</u>	5314	3720	3366	187	0
	936.6	-1	0	0	0	Q	0	0	0	53	0	4628	3726	2466	310	0

	TEST P2	DISTANCE 800	FROM SO METERS	URCE	PUFF REL 2300;	EASE TIME	DATA	ACCUMULA 4.8 S	TION ECONUS	VCREMENT						
						RELATIVE	CONCENTR	ATION IN	i coli,T	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	<u>D I R</u> 8 D 1.5M	E Ç E G 4.6M	T <u>I</u> 0 REE 10.7M	<u>N</u> <u>F</u> S <b></b> 21.3М	R 0 1 1 D.8M	5 <u>0</u> 4D 1.5M	U iš ⊑ 4,6,,	C_E R_E_E 10.7 (	A N D S 21.3M	EL 1 3 0.8M	E V 0 1.5M	A T I D E G 4.6M	0 N R E E 10•7M	S 21.3м
	941.4	-1		0		0	0	0	ü	12	ũ	4037	2883	2147	233	0
	946.2	-1	0	0	C	00	1		G	26	Q	3820	2718	1535	151	0
	951.0	-1		. 0	0	C	3	0	Ú	26	Q	3831	2422	1020	95	D
	955.8	-1_	0	_ 0	0	0	0	Û	U	12	Q	3128	1889	785	93	1
	960.6	-1	.3	1	<u> </u>	0	0	G	Ü	8	Q	2410	1785	922	85	0
	965,4	-1	0	0	3	0	0	0	6	3	Û	2868	1951	831	<b>7</b> 2	0
명	970.2	-1	0	Û	0	0	0	0	C	20	6	2537	1501	522	74	3
38	975.0	-1	00	0	0	0	. 0	ũ	Û	8	Q	1789	1143	376	72	0
	979.8	- <u>1</u>	0	. 0	0	0	0	Ũ	Ũ	18	Q	1916	887	320	68	0
	984.6	-1	0	0	0	0	0	Û	3	18	Q	1485	808	399	45	Đ
	989.4	-1	0	0	0	0	3	Û	Ģ	6	ĝ	1462	724	243	64	0
	994.2	-1	<u> </u>	, <u> </u>	, <u>a</u> , a ,	C	0	U	Ú	16	0	1060	597	91	62	0
	999.0	-1	0	0	0	0	0	O	ů	0	Q	931	470	135	85	0
	1003.8	-1	0	0	0	0	0	0	ų	3	8	866	481	172	56	0
	1008.6	-1	0	0	0	0	0	Û	U	ž	ø	722	437	106	60	0
	1013.4	-1	G	0	0	0	0	υ	Ú	£	ŷ	5 <b>3</b> 5	378	70	68	0
	1018.2	-1	0	6	0	0	1	0	U	8	ų	541	395	122	66	0
	1023.0	-1	0	Û	C C	0	0	υ	U.	1	0	503	224	70	43	3

-	TEST P2	DISTANCE 800	FROM SOU	IRCE	PUFF REL	LEASE TIME :00 PST	DATA	ACCUMULA 4.8 S	TION I SECONDS	NCREMENT			TOW	ER		
						RELATIVE	CONCENT	RATION IN	CQUNT	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	DIR 8 D 1.5M	E C E G 4.6M	T I O R E E 10,7M	N F S 21.3M	R 0 M 1 1 0.8M	5 0 4 D 1.5M	U R E G 4,6 <sub>M</sub>	C E R E E 10.7M	A N D S	EL 13 0.8M	EV 0D 1.5M	A T I E G 4.6M	0 N R E E 10.7M	s 21.3м
	1027.8	-1	0	<u> </u>			.0.	0	1	3	٥	408	203	64	41	0
_	1032.6		0	<u>0</u>	0	0	0	0	ú	0	Q	366	149	14	51	0
	1037.4	-1		0	0	0	Q	0	Ū	0	Q	310	185	47	56	1
	1042.2		0	0	0	0	0	0	Ú	Û	Q	2 <b>7</b> 6	166	53	49	0
	1047.0	-1	0	1	0	1	0	<b>O</b>	ū	0	۵	387	156	20	47	
	1051.8	1		0			0	0	ú	0	۵	Т6Я	37	26	47	
1887 · · · ·	1056.6		0	Q	0	. 0	0	0	C	1	Q	131	49	14	37	
- 3 p	1061.4	-1	0	0	0	Q	0	0	1	_ 0	Û	101	78	28	47	
	1066.2	-1	0	Q	0	6	18	0	0	1	Q	164	91	14	31	
	1071.0	-1			0	0	0	0	Ű	0	٥	112	83	10	49	
	1075.8	-1	00	0	00	10	0	0	Û .	0	ŷ	139	47	33	47	0
	1080.6	-1	0	0	Q	.0	0	0	ú	0	D	⊥Z6	58	8	43	0
	1085.4	-1	<u>0</u>	0	0	3	0	0	υ	0	0	110	56	24	35	0
-	1090.2	-1	0	0	0	1	Ó	Û		. 0	Q	93	58	24	53	8
-	1095.0	-1		Q	0	Q	. 0	0	. G	0	Ģ	76	41	41	45	0
_	1099.8	-1	0	1	0	0	0	0	. 0	Û	o	101	39	<b>2</b> 8	62	0
	1104.6	-1	0	0	0	0	0	0		0	. 3	91	47	14	45	3
	1109.4	-1	0	Q	0	1		0	0	0	Q	53	43	8	43	0

	TEST P2	DISTANCE	FROM SOU	JRCE -	PUFF REL 2300:	EASE TIME	DATA	ACCUMUL 4.8	ATION I SECONDS	ICREMEINT			TO	WER		
						RELATIVE	E CONCENTR	ATION I	IN COUNT	S PER TEN	SECOMDS					
	SECONDS AFTER RELEASE	0 9 0.8M	D I R 8 D 1.5M	E C E G 4.6M	Τ <u>Ι</u> Ο R <u>E</u> E 10.7Μ	<u>s</u> 21.3M	R 0 1 1 0.8M	S C 4 D 1	) U_K ) E_G 4.6	C E R E ⊫ 10•7⊮	A N D S 21.3%	E L 1 3 0.8	E V 0 1 1,5M	A T I D E G 4.6M	0 N R E E 10.7M	5 21.3м
	1114.2	-1	Q	0		. 0	0	0	v	Û	ů.	95	51	22	49	0
	1119.0		0	0	0	0	<u>,</u> 0	Û	L	0	0	56	31	14	56	0
	1123.8	-1	Q		0	0	0	C	ί	0	6	47	18	31	49	0
	1128.6	-1	0	0	0	0	0	0	ċ	0	٥	60	31	14	51	0
	1133.4	-1	0	0	0	6	0	0	ū	0	Q	72	14	0	53	0
·	1138.2	-1	.0	0		0	0	0	U	0	Û	28	24	8	56	0
	1143.0	-1	. 0	0	. 0	0	0	C	Ú	0	1	26	22	10	60	0
40	1147,8	-1	0	0	1	3	0	U	1	Û	Ģ	33	16	14	62	0
• .	1152,6	-1	0	0	0	0	0	0	U	0	0	37	<b>2</b> 2	10	62	0
	SUMS	0	12	10	37	_34	50	0	12	558	28	93535	78596	85532	8363	19

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TEST P2	DISTANC 80	E FROM S 0 METERS	SOURCE	PUFF REL	EASE TIME	DATA	ACCUMUL	ATION I SECONDS	NCREMENT			TOW	ER		
					RELATIVE	E CONCENT	RATION I	OUNT	S PER TEN	SECONDS					
SECONDS AFTER RELEASE	0 0.8%	D I 9 8 1.5M	R E C D E G 4.6M	T I O R E E 10.7M	N F S 21.3M	R 0 M 1 1 0.8M	<u>5</u> 0 4 D 1.5M	U R E G 4.6 <sub>M</sub>	СЕ RЕЕ 10.7м	A N D S# 21.3M	E L 1 3 0.8M	E V 0 D 1.5M	A T I E G 4.6M	0 N R E E 10.7M	5 21.3 <sub>M</sub>
855.0	-1	0	0 .	1	. 0	0	Q	3	Û	Û	64	47	10	66	0
	-1		0		1	3		1	0	<b>Q</b>	68	37	. 8	51	0
864.6	-1	0			Q	. 3	_ 0,_	. 0	Q	Q	58	31	20	76	0
869.4	-1	0	0	0	Q	0	0	0	0	۵	33	ਬਬ	8	101	
874.2	1	<u>0</u> .	00	0	0	0	0	Q	۵	0	14	74	0	99	
879.0	-1	0	0	0	0	Т	0	U	0	Q	12	հ4	10	118	
883.8	-T	0	0	6	0	0	0	1	0	ĝ	24	20	ZO	TSE	
888.6	-1	0	0	0	0	0	0		1		26	18	12	76	0
893,4	-1	0	3	0	Q	0.	_ 0	0	0	. g	24	22	0	18	0
898.2	-1	0	0	0.	0	0	O	0	٥	Q	35	6	20	26	0
903.0	-1	0	0		00	0	1	Q	.0		10	16	31	31	0
907.8	-1		٥	0	0	Q	0	0	1	. 0	12	12	. 1	22	0
912.6	-1	G	0	1	Û	0	0	6	٥	6	43	3	8	31	0
91 <b>7.</b> 4	-1	C	1	0	Ω	0	a	- 0	0	1	26	14	6	31	0
922.2	=1	۵. ۱			<u>_</u>	n	0	ñ	0	0	18	0	n	24	6
927.0	<b>-</b>		۰۹	¥	ń		3	<b>v</b> 0	n	6	18	¢ 0	0	22	0
031 8		¥	U	···· ··· ··· ··· ··· ··· ··· ··· ··· ·		· · · · · · · · · · · · · · · · · · ·	<b></b>	U	0	B	16	12	6	31	n
2410		U	U	0	U			Q	U	¥	10				
936.6	1	0.	0	0	Q	<u> </u>	<u> </u>	0_	Q	Ų		U	U		<u>u</u>

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	TEST P2	DISTANCE 800	FROM SOU	JRCE	PUFF REL 2300;	EASE TIME	DATA	ACCUMUI 4.8	LATION II Seconds	NCREMENT			TOWE	R 		
			<b>-</b>			RELATIVE	CONCENT	RATION I	N COUNT	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	DIR 8D 1,5%	E C E G 4.6M	T I O R E E 10,7M	N F 5 21.3M	R O M 1 1 0.8M	5 0 4 D 1.5M	) <u>U R</u> ) E G 4.6M	<u>СЕ</u> ŘЕЕ 10.7м	<u>S</u> 21.3 <sub>M</sub>	E L 1 3 0.8M	E V / 0 D 1.5M	<u>T</u> E 4.6M	0 N R E E 10.7M	S 21.3м
		-1	0	Q	0	Q	Q	0	0_	0	<b>Q</b>	8	3	6	16	0
	946.2	-1	0	0	0	0	0	0	Q	Q	0	14	12	0	22	0
	951.0	-1	0	0	0	0	1	0	0	0	. 0	10	3	. 0	16	0
	955.8	-1	0	1	0	0	0	8	. 0	0	9	8	0	0	20	0
	960,6	-1	0	0	Q	0	0	0	0	00	0	8	0	0	16	0
	965.4	-1	0	0	0	0	3	0	0	0	<u>9</u>	3	0	. 0	14	0
-	970.2	-1	0	0	.0	0	0	0	Q	0	þ	0	0	0	22	0
3-42	975.0	-1	0	0	1	0	0	0	0	0	Q	8	0	0	20	0
	979.8	-1	0	0	0	0	0	0		Q	Q	, <b>3</b> ,	6	0	18	0
	984.6	-1	0	0		0	0	0	Ç	0.	0	6	0	0	26	0
	989,4	-1	0	0	0	0	0	0	<u> </u>	0	9	. 8	0_	0	26	0
	994.2	-1	0	0	0	0	0	. <u>    0   </u>	. 0	0,	0	12	0	0	22	0
	999.0	-1	0	0	0	0	0	0	0	0	٥	0	0	0	31	0
	1003.8	-1	3	0	0	0	0	0	. 0	0	Q	14	3	0	16	0
	1008.6	1		6	0	0	0	0	0	٥	0	8	0	0	22	0
	1013.4	-1	0	0	0	0	٥	0	0	0	Ø	20	0	0	24	0
	1018.2	-1	0	0	0	0	1	0	0	0	0	0	10	0	20	0
	1023.0	-1	0	0	0	0	. 0	0	0	0	0	0	0	0	16	0

	TEST P2	DISTANCE 800	FROM SOU	JRCE F	PUFF RELI 2300:	EASE TIME	DATA	ACCUMUL	ATION IN SECONDS	NCREMENT			TOW	ER		
						RELATIVE		RATION II	N COUNT	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	D <u>IR</u> 8 D 1.5M	E C E G F 4.6M	T <u>IO</u> REE 10.7M	N F S 21.3M	R 0 M 1 1 0.8M	S 0 4 D 1.5M	U R E G 4,6 <sub>M</sub>	C E R E E 10•7m	A N D S 21.3M	E L 1 3 0.8M	Е V О D 1.5м	A T I E G 4.6M	0 N R E E 10.7m	5 21.3м
	1027.8	-1		Q	0	0					0	0.	0	6	24	0
	1032.6	-1	0	<u> </u>	0	0	10	0_	0	0	0	0	6	0	26	0
	1037.4	-1		0	0	0	0	0		.0.	D .		1	0	20	0.
	1042.2	-1		0	0	Q	0	0	0	_ Q		10	.0	0	16	
	1047.0	-1	۵	0	0	0	0	0	0_		0	1	0	0	12	O
	1051.8	-1	0	0	0	Q	Q	0	0	0	Q	3	0	0	26	0
B	1056.6	-1	_0	0	0	Q	0	0	0	Q	<u>,</u>	. 6	0 .	0	18	0
4 	1061.4	-1	0	0	0	0	0	<u> </u>	0	0	0	10	Q	0	24	Q
	1066.2	-1	0	Q		Q	12	D				3	0		26	
	1071+0	-1	0	0	1	Q	0	0	0.	Q	0	. 0	. 0	1	24	0
	1075.8	-1		0	0	0		0	0	0	0	6	1		28	0
	1080.6	-1	0	<u> </u>	0	Q	Q	0		0	0	10	0	0	26	0
	1085.4	-1	0	0	0	8	0	0	0	0	. 0	14	0	0	16	0
	1090.2	-1	0	0	0	0	0	0	Û	0	0	0	0	0	16	0
	1095.0	-1	0	0	0	0	0	3	0	0	6	0	0	0	18	0
	1099.8	-1	0	0	0	0	0	0	0	Û	0	0	0	0	16	0
	1104.6	-1	0	0	0	0	0	0	0	0	1	0	0	1	20	0
	1109.4	-1	0	1		0	0	0		0		0	0	1	24	0

	TEST P2	DISTA (CE 800	FROM SU	URCE	IUFF %Fi 2300;	r.Sir TIM	E DATA	ACCUMUL 4.8	ATION IN	NCREMENT						
						RELATIV	CONCENT	RATION I	N COUNTS	S PER TEI	N SECONDS					
-	SECONDS AFTER RELEASE	0 9 0.8×	R 80 1.5;	E C E G 4.6M	<u>T I O</u> R E E 10.7M	<u>N</u> F S 21.3M	R 0 M 1 1 0.8M	<u> </u>	U R E G 4.6 <sub>M</sub>	C E R E E 10•7M	A N D Sr 21.3M	E L 1 3 0.8M	E V 0 D 1.5	A T I E G 4.6M	O N R <b>E E</b> 10.7M	5 <b></b> - 21.3M
	1114.2	-1		0		0	0	0	Û	0	ŷ	0	0	0	18	0
	1119.0	-1	0	0	00	0	8	0	<u> </u>	0	Q	0	0	0	20	0
	1123.8	-1	0	0	0	0	0	0	. 0	0	D	0	0	0	16	0
	1128.6	-1	0	0	0	0	. 0	0	. 0	0	0	1	0	0	12	0
	1133.4	-1	00	0	0	0	0	0	<u> </u>	0	<u>p</u>	0	0	0	24	0
	1138.2	-1		0	0	0	3	0		0	<b>D</b>	0	0	0	22	0
θ	1143.0	-1	, , <b>0</b>	0		0		. 0	Q	0	· 👔	1	0	0	31	0
-44	1147.8	-1	0	0	C	0	0_	Q	0	0	Q	1	0	0	22	. 0
	1152.6	-1		0	0	0	0	1	O	0	<b>D</b>	0	0	3	14	0
	1157.4	-1		0	0	Q	. 0.	0	0	0	Q	1	0	0	14	0
	SUMS	0	3	12	11	9	45	19	11	2	- <u>-</u> 19	698	354	179	1938	

TEST P3	DISTANCE FROM SOURCE	FUFF RELEASE TIME 0738:00 PST	DATA ACCUMULATION INCREMENT 4.8 SECONDS	GROUND LEVEL (1.5 M)
• <u>.</u>		RELATIVE CO	NCENTRATION IN COUNTS PER TEN SECONDS	
SECONDS AFTER RELEASE	<u>DIRFCT</u> AT 1 094_096_098_100	<u>I 0 N F</u> 5 <b>M E</b> 10 <sup>2</sup> 10 <sup>4</sup> 10 <sup>6</sup> 10 <sup>8</sup>	0 M 5 0 U R C E / I T E R E L E V A T 110 112 114 116 118 120 122 124 13	DEGREE <b>S</b> I ON CROSSWIND 26 128 13 <sub>0</sub> 132 SUMS
58.0	<u>    0     0    0    0    0</u>	0 20 178	891 781 32 <sub>0</sub> 24 <u>1</u> 4 249 5737 2578 47 <sub>0</sub>	0 0 0 0 13638
62.8	0 0 0 0	0 24 166 189 1	<u>320 1643 1710 3541 7953 8008 5062 1431</u>	3 101 1 <sup>4</sup> 0 31165
67,6	0 0 0	0 0 24 568	872 1549 2770 3326 58081025110358 3633 30	66 83 0 0 <b>396<sub>0</sub>8</b>
	0 0 0	0 0 10 195	553 2010 2739 4599 <u>1090310401 8145 2001</u> 65	58 197 0 0 424 <b>11</b>
77.2	0 0 1	0 1 0 37	<u>781 1712 4945 641410174 7335 8506 1766 3</u>	39 49 0 0 42060
	<b>0 8 0</b> 0	1 0 0 3	341 3608 5078 6345 7268 4976 4308 1420 2	14 28 12 0 <b>33610</b>
86.8	1 0 0 0	00060	512 3816 5268 5547 3853 2191 3001 781 22	28 66 <b>3 3 25330</b>
91.6	0 0 0	0 0 0 95	<u>468 2216 4572 5662 2389 1</u> 491 1785 262 10	08 33 22 0 <b>19103</b>
	001	0 0 112	562 2253 2006 3376 2570 1549 1397 266	93 10 0 1 14196
101.2	Q 0 0 0	0 0 6 93	670 1347 2443 1858 1243 406 828 135	31 16 6 0 <b>9082</b>
106.0	0 0 0 0	0 0 0 1	<u>316 660 635 2160 1043 428 356 74 :</u>	10 0 0 0 5683
110.8	<u>0</u> 000	1 0 0 0	53 551 241 641 991 422 133 6	6 0 <b>1 1</b> 3047
115.6	0 0 0	0 0 0 0	93 278 118 456 476 120 81 10	0 0 6 0 1638
120.4	0 0 0 0	0 0 0	<u>58 195 168 493 226 49 24 1</u>	0 0 0 0 1214
125.2	1 0 0 3	0 0 1 0	43 131 176 212 143 91 10 0	0 0 0 0 <b>811</b>
130.0	<b>0 0 0</b>	0 0 1	10 26 49 8 <sup>5</sup> 143 74 8 0	0 0 0 0 396
134.8	0 0 0	0 0 1 0	<u>16 26 26 1<sup>8</sup> 35 22 6</u> 0	0 0 0 0 150
139.6	1000	0 0 0	<b>3</b> 0 <b>3</b> 22 35 8 12 0	0 0 0 0 84

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	TEST DISTANCE FROM SOURCE FUFF RELEASE T P3 200 METERS 0738:00 PST									IME	DAT	A ACC	UMULA 4.8 S	TION	INCRE	MENT					GRO	UND L	EVEL	(1.5 M)	
										RELAT	IVE C	ONCEN	TRAT	ON In	V COUR	TS PE	R TEN	SEC	DNDS						
	SECONDS AFTER RELEASE	D	0 <u>94</u>	R 096	<u>Е</u> Т О	<u>с</u> 98	T 1 100	I 102	0 N 5 104	106	F M E 108	<u>R</u> T 110	м Е 112	R 114	S 6 116	⊔ 118	B 120	<b>Ç</b> 122	A • T 124	DI 126	E0 128	GN R 130	E 132	E	S CROSSWIND SUMS
	144.4		Q	0		1	Q	Q	0	O	0	0	16	Û	14	8	10	0	G	0	0	0	1		50
	149.2		0	0		0	0_	0	0	0	0	0	0	1	6	0	0	. 0	0	0	0	3	0		10
	154.0		0	Q		0	0	0		. 0	с	0	10	14	26	3	3	0	3	8	0	0	0		67
	158,8		0	0		0	0	<b>1</b>	0	0	0	0	1	6	6	0	10	0	Û	0	0	0	0		24
	163.6		Q	0		0	0	0	0	0	0	0	0	3	_ 1	10	0	0	0	0	O	0	0		14
	168.4		0	0	L	0	0	3	0	C	0	6	0	Û	0	0	0	3	0	C	0	0	0		12
· • • • •	173.2	÷ :	0	. 0	I	0	. 0	Q	. 0	0	0	0	3	0	1	8	1	Û	0	0	0	0	0		13
-4 <b>6</b>	178.0		Q	0		0	0_	0	0	C_	0	0	_0	0	6	0	0	0	Û	0	Û	0	O		6
	182,8		0	0	L	0	0	0		0	. 0	0	1	Û	16	С	0	0	O	0	0	0	0		17
	187.6		0	0	) <u>.</u>	0	0	0	<b>,</b> 0	0	0	0	1	0	3	0	0	0	0	0	0	0	0		4
	192.4		0	0	I	0	_0_	0	0	_ 0_	0	1	0	0	1	0	0	0	1	0	0	0	0		3
	197.2		0	0	t	0	0	0	. C.	0	0	0	6	0	0	0	10	0	0	Û	0	C	0		16
	202.0		0	0	۱ <u>.</u>	0	O	0	Û	1	0	0	0	0	Û	3	Û	0	0	٥	0	0	0		4
	206,8		0	0		0	0	0	0	6	8	0	U	0	ю	Û	Û	0	0	٥	0	1	0		15
	211.6		0	0	)	0	0	0	0	0	0	0	0	0	0	Û	0	0	1	0	0	0	0		1
	216.4		0	0	)	0	0	0	0	0	0	0	0	υ	Ú	0	0	0	C	O	0	٥	0		0
	221.2		0	D	)	6	0	0	G	0	0	0	0	0	Û	٥	C	Ũ	0	0	0	0	0		6
	226.0		0	0	)	0	0	0	8	C	0	0	0	0	0	0	0	0	0	0	0	0	0		8
	AZIMUTH		3			7		6		229		7569	7	3291	5	5534	4	<u>6601</u>		2064_		66			
	SUMS	···· ••••		8	i		5		33_	-	1540	2	2:4;	4	47255	10	3593		12201		583		0		203496

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_	TEST P3	DIS	TANCE 800	FROM	I SOUF	RCE	PUFI	F RELI 0 <b>738:</b>	EASE 1 QO PSI	ГІМЕ Г	DAT	A ACC	UMULA 4.8 5	TION SECOND	INCRE S	MENT		-			GRC	UND L	EVEL	(1.5 M)
-									RELAT	TIVE C	ONCEN	TRATI	ONIN	N ÇOU <sub>N</sub>	TS PE	R TEN	SEC	DNDS						
_	SECONDS AFTER RELEASE	<u>D</u>	094	к Е 0 <sup>9</sup> 6	C T 098	T 100	102	0 104	106	E M 108	<u>R 0</u> T 110	М Е 112	R 114	5_0 116 <sup>E</sup>	U 118	R 120	<b>C</b> V 122	E, A <sub>124</sub> T	D I 126	E 128	G R N 130	E 132	Ε	S CROSSWIND SUMS
	130.0		Q	-1	3	0	Q	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0		6
	134.8		0	-1	0	0	0	0	0	0	0	0	0	0	0	, <b>,</b> 0,	0	0	3	0	0	0		3
	139.6		0	-1	0	0	0	Q	0	0	. 0	0	0	10	0	8	0	0	0	0	0	0		18
	144.4		0	-1	0	0	0	0	0	0	0	0	0	0	0	0	6	0	Û	0	0	0		6
_	149.2		0	-1	1	0	0	0	0_	6_	0	0	0	0	0	Q	, 0	0	0	0	0	0		7
	154.0		0	-1	0	0	14	0	1	0	0	1	0	0	1	31	0	0	0	0	0	0		48
<b>1-1</b> -1	158.8		0	-1	0	0	0	0	0	0	0	1	0	0	37	8	26	0	0	0	0	0		72
3-47	163.6		0	-1	0	0	0	٥	0	0	0	0	20	14	20	120	93	28	٥	0	0	0		295
	168.4		0	-1	0	0	0	0	0	0	0	0	0	20	187	345	160	51	0	0	0	6		<b>7</b> 69
	173.2		0	~1	0	0	0	0	0	0	1	0	6	12	428	474	208	1	Û	0	0	0		1130
-	178.0		1	-1	0	0_	3	0	0	0	10	0	18	1	581	576	345	0	0	0	0	0		1535
-	182.8		0	-1	0	0	0	0	0	0	0	0	12	12	889	606	299	14	0	0	0	0		1832
	187.6		0	-1	0	0	. 0	0	0	1	0	0	6	70	693	693	324	26	0	0	0	0		1813
	192.4		0	-1	0	0	0	0	0	0	0	0	14	110	585	601	335	22	1	3	0	0		1671
	197.2		0	-1	0	0	0	0	0	0	0	14	37	139	581	662	<b>3</b> 31	0	0	0	0	0		1764
	202.0		. 0	-1	0	0		0	. 0	0	0	6	70	178	408	631	353	6	0	0	0	0		1652
	206.8		0	-1	0	0	0	0	0	0	0	0	95	274	568	54 <b>7</b>	433	0	0	0	0	6		1923
	211.6		1	-1	0	0	0	0	0	0	0	<b>1</b> 6	47	360	595	535	320	22	0	0	0	0		1896

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	TEST	DISTA	NCE 800	FRON METE	I SOUF Ers	RCE	PUFF	RELE	1458 T 10 PST	[]# - [	DAT	A ACC	U4UL/ 4•8 S	TTON Secon <sub>i</sub>	1 VCRE S	MENT					GRO	NND II	EVEL	(1.5 M)
<b>-</b>									RELAT	IVE C	ONCEN	TRATI	0 <sub>m</sub> If	COU,	TS PE	R TEN	i SEC	o <sub>⇔</sub> றS						
	SECONDS AFTER RELEASE	יי ב זי ב	1 9.4	к ғ Д д 96	т Т 098	т 100	1 102	-0N 5 104	1 106	F K E 108	R 0 110	И Е 112	R 114	5 ( 11 <sup>6</sup>	0 U L 118	R 120	C V 122	E • A T 124	D 1 126	E 0 128	G R N 130	E 132	E	S CROSSWIND SUMS
	216.4			<u>-1</u> .	<u>a</u>	0	. 0	. 0	C	0	0	16	81	416	50 <b>1</b>	478	170	10	0	0	0	0		1672
	221.2		6	-1	0	10	0	0	0	a	8	C	70	368	345	439	85	0	0	0	0	0		1331
	226.0		0	-1	1	0	.0	0	1	1	0	3	60	374	470	422	5 <b>1</b>	D	0	0	0	0		1383
	230.8		_0	-1	0	Q		0	. 0	о	0	6	33	220	412	416	93	1	0	0	0	0		1181
<b>.</b>	235.6		1	-1	0	0	00	0	0	٥	0	0	45	214	333	391	133	0	0	0	0	6		1123
	240.4		Q	-1	0	0	0	0	0	0	0	0	41	99	326	328	176	0	0	0	0	0		970
<del>س</del>	245.2		0	-1	0	1		, "û	. 0	0	0	Û	3	93	387	245	20	8	0	0	0	0		757
4	250.0		1	-1	Q	0	0	0	0	<u> </u>	0	0	C	53	299	141	37	0	Ú	Û	0	0		531
14	254,8		Q	-1	D	0	0	0	0	0	0	. 0	3	35	4 <b>1</b> 6	131	33	0	0	O	0	0		618
	259,6		0	-1	<u>0</u>	0	Q	Q		0	0	1	0	28	356	83	16	0	0	0	0	0		484
	264,4		0	-1	0	0	1	0	0_	0_	3	0	0	<b> 1</b> ,	266	116	0	0	0	J	0	0		387
· <b></b>	269.2		Q	-1	Q	0	0	6	0	0	0, 10	0	ũ	Ű	251	108	0	0	0	3	0	0		368
	274.0		3	-1	Q_	0	0	Ç	0		0	0	0	υ	208	74	6	0	1	0	0	0		292
	278.8		0	-1	0	0	0	۵	_۵	0	0	Q		10	178	51	14	0	0	0	1	0		254
	283.6	- <b></b>	0	-1	0	0	Q_	1	0	3	1	0	0	3	181	64	8	0	0	0	0	0		261
	288,4		. Q	-1	0	0		00	0	10		0	Ũ	20	147	37	12	0	0	0	0	0		226
	293.2		0	-1	0	_0	0	00	0	0	0	0	Q	<u>1</u> 0	68	10	18	0	0	Û	0	0		106
	298.0		0	-1	0	0	0	0	0	0	0	0	0	14	18	10	8	0	ð	ð	0	0		50

	TEST P3	DISTANC	E FROM 0 METE	SOUR	CE	PUFF	RELE	ASE T 0 PST	IME	DAT	A ACC	UMULA	TION	INCRE	MENT					GRO	UND L	EVEL	(1.5 M)
								RELAT	IVE C	ONCEN	TRATI	ON IN	CON	TS PE	R TEN	SEC	o <sub>N</sub> DS						
	SECONDS AFTER RELEASE	D I 094	<u>R 8</u> 0 <sup>9</sup> 6	: ε Τ 098	T 100	102	0 iv 50	106	F M 108	R 0 110	м 112	R L	<u>5 0</u> 116 <sup>E</sup>	U 11 <sup>8</sup>	R 120	<b>c</b> V 122	<u>E</u> A <sub>124</sub> T	D 126	E 0 128	G R N L	E 1 <sup>3</sup> 2	Ē	S CROSSWIND SUMS
	302.8	0	-1	0	6	1	0	0	0	0	0	0	0	35	12	1	0	0	0	0	0		55
	307.6	0	-1	0	0	0	Q	0	0	0	0	0	10	1_	1	20	6	0	0	0	0		38
	312.4	. 0	-1	0	0	.0	0	Û	0	0	0	3	6	8	0	10	0	0	0	0	0		27
	317.2	0	-1	0	0	1	0	0	0	0	0	0	1	0	0	10	0	0	0	0	0		12
	322.0	0	-1	0	00	0	Û	0	0	0	0	0	0	12	0	1		0	0	0			13
	326.8	1	-1	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0		7
в	331.6	0	-1	0	0	0	0	0	0	0	0	0	D	0	0	0	0	D	0	0	0		0
49	336.4	0	-1	3	0	0	0	0	0	0	00	0	0	6	0	0	0	0	. 0	0	<b>O</b> .		9
	341,2	0	-1	0	0	Q				0		0		0	0	0	0	. 0	0	1	0		1
	346.0	0	-1	0	. 0		00	0	0	0	0	0	0	0	3	0	0	3	0	0	0		6
	350,8	00	-1	_0	0	0	0	0	0	0	6	0	0	16	0	0	Q	Q .		0			22
	355,6	0	-1	0	0	0	0_		0	0		0	0	0	0	0	0	Q	3	. 0	. 0		
	AZIMUTH	14	0	11	1 -7	_ 20		2		23	70	664	3175	0813	<b>0</b> 4 a fi	4158	195	8	•	2	1.0		28627
	5		0		- /		'				, .								-		-0		

	TEST P3	DISTANCE 200	FROM SU	URCE P	UFF REL 0738	EASE TIM	E DATA	ACCUMUI 4.8	LATION IN SECONDS	CREMENT			TOWE	R		
						RELATIV	E CONCENT	RATION I	N COUNTS	5 PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	D I R 8 D 1.5M	E G R 3.0M	I 0 E E 6,1M	N Е S 10.7м	R 0 M 1 1 0.8M	5 0 4 D 1.5M	E G 3.0 <sub>M</sub>	C E R E E 6+1M	A N D S 10.7M	EL 1 3 0.8 <sub>M</sub>	E V A 0 D 1.5M	T I E G 3.0M	0 N R E E 6.1M	5 10.7м
	58.0	D	0	0			168	320	41 <sub>0</sub>	1664	2247	0	0	18	97	176
	62.8	<u> </u>	0	0	00	0	993	1710	1914	2631	514	_43	14	41	89	0
	67.6	0	0	0	0		2908	2770	232 <sub>0</sub>	506	153	47	0	28	231	135
	72.4	0	0	. 0	. 0		2651	2739	417 <sub>0</sub>	2920	495	58	0	97	224	0
	77.2	<u> </u>	٥	0	0	0	5433	4945	4753	2158	212	_85	. 0 .	62	203	1
	82.0	. U.			0	Q	5403	50 <b>78</b>	4120	2474	618	56	12	58	124	0
α	86.8	0	0	<u>0</u>		Q.	5868	5268	5097	3195	1037	66	3	33	89	0
5 D	91.6	רט	0	6	0	0	5170	4572	3547	1089	72	33	22	26	31	1
	96.4	U	0	0	<u>0</u>	0	2120	2006	1447	1393	1003	10	0	14	10	Q
	101.2	D	0	Q	0	0	2512	2443	2162	1391	101	16	6	0	0	<b>O</b>
	106.0 _	<u> </u>	0	0	0	0	1110	635	293	139	0	8	0.	0		0
	110.8	۵	Q	Q	0	4	_ 37Q	241	1 <u>2</u> 0	85	16	0	1	0		
	115.6	0	Q	0	_ 0	0	110	118	78	95	56	0	6,			, O
	120.4	11	0_	0	0	0	162	168	<u>135</u>	68		_0	Q	0	0	0
	125.2	0	3	0	0		201	176	172	78	3	0	0	0	. <u>0</u>	0
	130.0	o	ο	0	0	<u>0</u>	72	49	51	1	a	0	0	0	.0	0
	134.8	<u>0</u>	0	0	0	0	14	26	<u>0</u>	0	0	0	0	0	0	0
	139.6	1	Q	0	0	0	22	3	U	0	٥	0	0	0	0	0

	TEST P3	DISTANCE 200	FROM SOU METERS	RCE	PUFF REL 0738;	E <sub>A</sub> SE TIME DO PST	DATA	ACCUMUL	ATION I SECONDS	NCREMENT			Tow	R	·	······································
						RELATIVE	CONCENT	RATION I	N COUNT	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	D I R 8 D 1,5M	E E E G 3.0M	T ∎ 0 R € € 6,1M	N F S	R 0 M	<u>50</u> 4 8 1.5M	UR EG 3.0M	<u>С</u> Е R Е Е 6.1M	A N D S 10.7M	<u>E</u> 0.8M	Б. V. e <sup>4</sup> 1.5м	<del>е<sup>т</sup> б<sup>і</sup></del> 3.0м	R <sup>0</sup> E <sup>N</sup> E 6.1M	<u>з</u> 10.7м
	144.4		1	0	Q	0	14	0		1		0	0	Q	0	Q
	149.2	00	0	0	0	_0_	1	1	0	0	0	0	3	0	0	0
	154.0	0		1	0	0	1	14	26	0	۵	o	0	0	0	0
	158.8	С	0	0	0	0	0	6	0	0	٥	0	0	C	0	0
	163,6	0	0	6	0	0	8	3	1	0_	<u> </u>	Q	0	0	0_	0
в.,	168.4	Q	0,	0	0	0	0	0	_0	0	Q	1	0	<u> </u>	0	0
· B	173.2	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0	0
- 5 1	178.0	0	0	0_	0	_0	0	0	6	0	0	0	0	0	3	0
4	182.8	<b>.</b>	0	0	Q	0	0	0			<b>.</b>	0	. 0	<b>.</b>		0
	187.6	٥	0	0	0	0	0	. 0	0	0	9	0	0	0	0.	0
	192.4	0	0	00	0	0	3	0	0	00	Q	0	0	0	Q	0
	197.2	D	Q	0	0	0	16	0		Q.		0	0	0	1	0
	202.0	O	0	0	0	0		0	0	0	0	0	0	0	0	0
	206.8	0	0	0	0	0	0	0	0	0	Q	0	1	0	0	0
	211.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	216.4	0	0	0	0	Ó	0	0	0	0	0	0	0	0	0	0
	221.2	0	6	0	0	0	0	0	0	0	g	0	0	0	0	0
_ ***	226.0	Ú	Û	0	0	0	0	0	0	0	0	0	0	0	0	0
	SUMS	2	г	13	0	0	EEESE	3329 <u>1</u>	30828	19888	6533	423	68	378	1102	313

	TEST P3	DISTANCE 800	FROM SOU METERS	JRCE	PUFF REL 0738:	EASE TIME	DATA	ACCUMUL, 4.8	ATION I SECONDS	NCREMENT						
						RELATIV	CONCENT	RATION I	A COUNT	S PER TEI	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8m	D I R 8 D 1.5M	E C E G 4.6M	T I O R E E 10.7M	5 <b></b> 21.3'4	R 0 M 1 1 0,8M	<u>S_0</u> 4 D 1.5M	-UR EG 4.6 <sub>M</sub>	C E R E E 10.7 <sub>M</sub>	A N D S 21.3M	E L 1 3 0.8M	E V 0 D 1.5M	АТІ Е G 4.6м	0 N R E E 10.7m	s 21.3 <sub>М</sub>
	130.1,	-1	3	۵	0	0	0	Û	0	ti	Q	0	0	0	0	0
	134.8	-1	0	0_		0	4	_ 0	_ 0	0	0	0	0	0	0	1
	139.6	-1	0	0	0	0	1	0	8	0	۵	0	0	0	0	0
	144.4	-1	, Û			0	. 0	0	Û	0	۵	0	0	0	0	0
	149.2	<del>. 1</del> .	1	1	Q			0	Û.	0	Q	0	0	0	0	0
	154.0	-1	. 0	. 0	0	0	0	O	0	0	0	0	0	0	0	0
Β	158.8	-1	O	. 0		0	1	0	24	14	1	0	0	0	• 0	0
-52	163.6	-1	0	0	00	0	8	20	33	22	35	14	0	0	0	1
	168.4	1		0 .			6	. 0	. 0	1	_ 53	0	0	0	0	0
	173.2	-1	0	0	0			6	22	33	49	0	0	0	0	0
	178.0	-1	<u> </u>	0	0	0	28	18	31	24	18	<b>. .</b>				0
	182.8	-1	0	0	0	0	10	12	3 <sub>5</sub>	. 45	6ĝ		0	. 0,	0	0
	187.6	-1	0	0	0	0	14	6	39	18	78	3	0	0	0	0
	192.4	-1	0	0	Q	0	12	14	31	35	89	0	0	00	0	0
	197.2	-1 -1	0	0	1	0	28	37	70	101	235		Ģ	1	Q	0
	202.0	-1	0		0	0	58	70	141	231	295	0	0	O	0	1
	206.8	-1	<u></u>	0	0	0	91	95	93	91	28	0	00	0	0	0
	211.6	-1	0	0	0	c	70	47	47	20		0	0	0	0	0

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_	TEST P <u>3</u>	DISTANCE BOU	FROM SOU	JRCE	PUFF REL	EASE TIME 00 PST	DATA	ACCUMULA	LION 1 ECONUS	ICREMENT			TOWE	ĒR		
				-		ELALIV	OUN SENTR	ATION IN	1 20U <sub>14</sub> T	S PER TEN	SECO DS					
_	SECONDS AFTER RELEASE	0 9 0,8M	<u>) I R</u> 8 D 1,5M	<u>E</u> C E G 4.6M	T I O R E E LO•7M	<u>N</u> S 21.3M	R 0 M 1 L ).8M	5 0_ 4 J 1∙5⊮	UR = 4.6 <sub>P1</sub>	C, E, ≺ E = L0∙7⋈	A N J S≢ 21•5⊮	E L 1 3 ).8尚	E V 2 0 D 1.5M	АТІ Е G 4.6M	О N R E E 10.7м	5 21.3м
·	216.4	-1	Q	0	0		110	81	83	16	ů	0	0	0	0	0
_	221.2	-1	0	0	0	0	87	70	6 <sub>0</sub>	37	Q	0	0	0	0	0
	226.0	-1	1	0	0	0	53	60	37	41	0	O	0	0	0	0
	230,8	-1	0	0	0	0	56	33	39	16	Q	0	0	0	6	0
	235.6	-1	0	0	0	0	31	45	45	12	Q	0	0	0	0	0
	240.4	-1	0	0			20	41	8	0	Q	8	0	0	0	0
	245.2	-1	0	Q	0	0	18	3	8	Û	Q	ο	0	0	0	0
ж. 5	250.0	-1	0	0	0	00	0	Û	6	0	Q	0	0	0	0	0
, 3	254.8	-1	0	0	0		10	3	U	0	Q	0	0	0	0	0
· •	259,6	-1	0	0	0	0	0	0	Û	0	о	0	0	0	0	0
	264.4	-1	0	0	0	0	0	Ũ	û	Ũ	0	0	0	0	0	0
	269.2	-1	0	0	0	0	0	0	8	Û	٥	0	0	0	0	0
	274.0	-1		0	0	0	12	0	0	Û	0	0	0	0	0	0
	278.8	-1	0	0	0	_0		0	B	0	j	0	1	0	0	0
	283,6	-1	0	0	0	0	0	0	Û	0	0	0	0	0	0	0
	288.4	-1	0	0	0	0	1	Û	G	0	0	1	0	0	0	0
	293.2	-1	0	0	0	<u>C</u>	0	Ū	ũ	0	10	0	0	0	0	0
	298,0	-1	0	0	0		Q	0	Û	0	Ű	0	0	0	0	0

	TEST P3	DISTANCE 800	E FROM SOU METERS	RCE P	UFF REL 0738:	EASE TIME 00 PST	DATA	ACCUMULA 4.8 S	TION SECONDS	VCREMENT						
						RELATIVE	CONCENT	RATION IN	COU <sub>N</sub> T	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 0.8M	D I R 9 8 D 1,5M	E C T E G R 4.6M	I 0 E E 10,7M	N F S 21.3M	R 0 M 1 1 0.8M	. S 0 4 D 1.5M	U R E G 4.6 <sub>%</sub>	C E R E E 10•7 <sub>8</sub> ,	A N D S= 21.3 <sub>11</sub>	E L 1 3 0.8⊭	E V 0 D 1.5⊠	ATI EG 4.6M	0 N R E E 10.7 <sub>M</sub>	s 21.3м
·	302.8	-1				0	3	Û	U	C	a	0	0	0	0	0
	307.6	-1	0	0	<u>0</u>	<u>0</u>	1	Q	IJ	Û	Q	16	0	0	0	0
· <b>-</b> • •	312.4	-1	0	0		. 0	0	3	U	O	12	Û	0	0	0	0
	317.2	-1.		0	0	, Q	0	Û	Û	0	0	0	0	0	0	0
	322.0	-1	0	_0_	0	0		, Q	. ü	Û	1	U	0	0	0	3
	326.8			<u></u>	0 .	O .	0	0	U	٥	0	0	0	0	0	0
<del>س</del>	331.6	-1	. 0	0	0	0	6	G	Û	0	0	Û	0	0	0	0
י ז	336.4	-1	3	0	0	Q		0	U	0	Q	0	0	0	0	0
	341.2	-1	0	0	0	. 0	12	0	U	0	Q	0	1	0	0	0
	346.0	-1		0	0	0	0	υ	Ü	0	u	0	0	0	0	0
- <b>10-10-</b>	350.8	-1	Q	0	0		0	Ũ	U	Ο	ç	0	0	0	O	0
	355.6	-1	Q	Q		. Q	0	0	U	Û	ũ	0	0	0	0	0
	SUMS		11	1	1	2	754	664	865	757	94 <u>6</u>	45	2	1	6	

	TEST	DISTA	ANCE 200	FROM METE	SOUR RS	RCE	PUF	F RELE	ASE T 5 PS1	IME	DAT	A ACC	UMULA	TION	INCRE	MENT	-				GR	OUND	LEVEL	(1.5 M)
									RELAT	IVE C	ONCEN	TRATI	ON IN	COUN	TS PE	R TE	N SEC	ONDS						
	SECONDS. AFTER RELEASE	<b>D</b>	<u>i R</u> 094	<u>А</u> 096	с Т 098	T 10.0	I 10 <sup>2</sup>	0 N 5 104	106	F M E 10 <sup>8</sup>	R 0 110	м 112	R 114	s c 116 <sup>E</sup>	U L 118	R E 120	C V 122	E , A 124	D T <u>1</u> 126	E 0 128	G N 130	R E 1 <sup>3</sup> 2	E	S CROSSWINC SUMS
	26,0		0	0	0	0	0	0	0	0	0	. 0	0	0	0	Û	0	3	0	1	47	31		82
	30.8		0	0	0	0	0	0	0	00	0	0	Q	0	0	70	314	803	314	133	237	7131		9002
	35.6		3	0	0	0	0	0	0	0	0	0	0	0	45	189	1495	2206	2428	2672	2578	9603		21219
	40.4	····-	0	6	0	0	10	0	. 0	0	0	0	0	υ	0	39	343	1726	3208	4374	5851	11093	I.	26650
	45.2		0	6	0	0_	0	0	0	0	0	0	Q	_0	45	60	503	<b>2</b> 110	1797	2595	4997	7845	ı.	19958
	50.0		0	0	0	0	0	0	0	0	0	0	0	ð	22	156	197	570	1874	2214	2103	5289		12425
Ш	54.8		0	0	0	0	0	0	0	0	0	1	0	1	6	39	43	393	1362	<b>152</b> 6	2814	4874		11059
55	<b>59.</b> 6		0	0	0	0	0	0	0	3	0	0	0	Û	0	U	24	476	843	797	1581	3626		7350
	64.4		0	0	0	0	0	0	0	0	0	0	0	0	0	1	49	401	439	289	1197	1341		3717
	69.2		0	0	0	0	0	0	0	0	0	0	Û	0	0	12	81	203	118	295	628	635		1972
	74.0		0	0	0	0	0	0	0_	0	0	1	0	0	0	0	22	99	110	206	268	287		993
	78.8		0	Q_	0	0	0	0	O	0	0	0	0	0	٥	0	6	664	191	621	74	2 1 2		671
	83.6		0	0	0	0	0	0	С	0	0	0	0	1	0	0	16	4 1	26	0	78	56	ý.	272
	88.4		0	0	0	0	0	00	Q_	0	0	0	0	0	3	0	0	10	1	4 5	26	24	:	109
	93.2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	20	16	14	ŀ	58
	<b>98</b> •0		0	0	3	0	0	0	C	0	0	0	0	0	0	0	0	0	0	1	8	14	ł	26
	102.8	·	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	10	ε	\$	30
	107.6		0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	1	0	3		10

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•••••	TEST	DIS	STANCE 200	FROM METE	N SOUR	CE	t UFF	RELE	a <b>se t</b> 5 pst	IM	DAJ	A ACC	UMULA 4.6 S	,TI01 ⊫C01L	IdCRE S	.ме, т					GRO	UND LE	VEL	(1.5 M)
	· · · · ·								RELAT	IVE C	ONCEN	TRATI	ON IN	i ççu	TS PE	R TEN	SECO	h,DS						
	SECONDS AFTER RELEASE		r 094	r F 096	τ 098	T _100	ı 102	0 N 5 104	106	F M E 10 <sup>8</sup>	R o 110	E 112	к 114	5 0 116 <sup>8</sup>	. U L 11 <sup>8</sup>	R E 120	C V 122	Е, А <sub>124</sub> т	D I 126	E 0 128	G R N 130	E 1 <sup>3</sup> 2	Е	S CROSSWIND SUMS
	112.4				1			. 0	D	0	10	0	Û	ŝ	0	0	1	0	6	б	0	6		33
	117.2	,	0	0	۵	0	0	U	<u>0</u>		Q	0	Ũ	Û	6	U	0	0	0	0	1	3		10
	122.0		1	1	0	Ω	3	0	0	0	0	0	0	ð	Û	G	0	Û	0	6	20	1		32
	126.8		0	0_	0	Q	0.	. 0	0	Û	0	0	1	Û	G	Û	0	0	0	0	10	0		11
·····	131.6		<u>0</u>	۵	0	0	0	<u> </u>	<u>0</u>	0		. 0	С	C	Ū	0	0	0	0	0	0	0		D
	136.4		0	0	0	Q		0.	. 0	С	0	C	0	0	Û	Û	е	Ú	o	Ũ	3	0		3
¢¢	141.2		3	0	0	0	0	0	0	0	0	0	Û	0	0	0	٥	Ũ	0	Û	1	6		10
50	146.0		_0_	_0	Q	0	0	<u> </u>	0	0			0	Ũ	0	Ũ	0	Ũ	0	0	1	0		1
	150.8		0		0	Q			Ŀ	0	0	0	G	G	0	G	0	6	Û	0	0	1		7
	155.6		0	0_	0	0		Q	0	0	0	0	0	C	Û	0	6	1	0	0	0	1		14
	160.4		0	_0	Q	0	0	0	<u>C</u>	<u> </u>	,	0	G	Û	Û	0	0	Û	3	Û	0	0		3
	165.2		Q	0		Q.	Q			0	0	0	0	Û	0	٥	Û	0	Ũ	0	0	٥		0
	170.0		0	Q	8	0		0	0	Ũ	0	Û	Û	Û	0	0	0	Ú	0	0	0	0		8
	174.8		0	0	1	0	0	0	0	0	0	. 0	0	ũ	0	0	0	C	Û	Ũ	0	0		1
	179.6		0	0_	1	Q	0		<b>0</b>	. 1	0	0	D	υ	Ũ	Û	0	D	6	1	0	0		9
	184.4		1	0	0	0		0	0	0	0	1	0	G	0	Û	0	Û	12	0	1	0		15
	189.2	<u>,</u>	0	0	0	0	Q	0	0	0	0	0	C	Ú	0	0	0	0	٥	0	0	0		0
	194.0		0	0	0	0	Q	9	0	1	0	0	0	C	0	0	0	0	C	٥	0	0		1
	AZIMUTH SUMS		8	13	14	n	19		C	Ĕ,	10		1	5	133	566	3087	1 S137	2602	<u>2</u> 5404	2 <u>265</u> 0	2104		115761

SECONDS D I R C I 0 N E R 0 U R C C D E R E L E V A T I 0 N E T E R E L E V A T I 0 N E T E R E L E V A T I 0 N E T E R E L E V A T I 0 N 0 0 112 114 116 113 120 122 124 126 130 132 0 132 130 132 130 132 130 132 130 132 130 132 140 10 10 112 114 116 113 120 122 124 126 130 132 130 132 130 132 140 10 10 10 10 10 10	SSWIND SUMS 14 10 29
84.0 01 0.014 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 10 29
	10 29
	29
93.6 0 -1 0 3 0 0 1 0 0 3 0 0 6 0 6 0 0 0 10	
98,4 <u>1 -1 0 0 0 3 0 0 0 0 0 0 1 0 6 0 0 37</u>	48
103.2 0 -1 3 1 8 0 0 0 0 0 0 0 0 0 1 20 0 24 45	102
108.0 0 -1 0 0 0 0 0 0 0 0 0 1 0 0 16 43 45 133 95	333
<del>w</del> 112.8 1 -1 0 0 0 0 0 0 0 0 0 0 0 0 16 51 64 172 166	470
<u>4</u> 117.6 0 -1 0 0 0 0 0 0 0 0 0 1 0 0 28 89 53 176 418	765
122,4 0 -1 0 0 0 0 0 0 0 0 0 0 0 14 91 91 208 345	755
127.2 6 -1 0 0 0 0 0 0 0 0 0 0 0 0 24 66 97 197 256	640
132.0 <u>0 -1 0 0 0 0 0 0 0 0 0 1 0 16 81 64 201</u> 247	610
136.8 0 <u>-1 0 0 0 0 0 0 0 0 0 0 0 0 26 62 76 170 283</u>	617
141.6 0 -1 0 3 0 0 0 0 0 0 1 3 0 12 22 45 110 162 226	584
	556
	587
	457
	5.9

## TO THOU IN AND TO PER TEN CEADERS

PUFF RELEVSE TIME 0838:15 PST

TEST

P4

DISTANCE FROM SOURCE 800 METERS

DATA ACCUMULATION INCREMENT 4.6 SECONDS

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GROUND LEVEL (1.5 M)

-	TEST P4	019	STANCE 800	E FROM METE	SOUR RS	CE	PUFF 08	RELEAS	SE T PST	IME	DAT	A ACC	CUMULA	TION ECOND	INCRE Ş	MENT					GRO	UND L	EVEL (1	•5 M)
								RE	LAT	IVE Ç	ONCEN	TRATI	ON IN	ÇOUN	TS PE	R TEN	SECO	NDS						
	SECONDS AFTER RELEASE	3	I _ 094	α <b>е</b> 0 <b>∮</b> 6	с Т 098	1 100	102	) N 104 1	06	E 108	R 0	<u>м</u> Е 112	R 114	5 0 116 <sup>E</sup>	U 118	R 120	C V 122	A 124	D I 126	E 0 128	G R N 1 <sup>3</sup> 0	E 1 <sup>3</sup> 2	_ ES	CROSSWIND SUMS
	170.4		0	-1_	0	0	0	8	0	0	0	0	0	3	. 0,		Q	14	26	10	18	264		343
	175.2		0	-1	0	0	11	0	0	0	0	0	0	0	0	0	00	0	14	16	26	193		250
	180.0		0	-1_	0	0	0	0	0	0	0	0	0	0	1	0	0	14	0	<b>2</b> 6	41	224		306
	184.8		0	-1.	0	0	0	0	0	0	0	0	0	0	0	0	0	12	14	28	24	133		211
	189.6		Q	-1_	0	0	0	0	0	1	00	0	0	0	0	0	0	0	6	20	18	60		105
	194.4		Q	-1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0_	20	18	18		58
a	199.2	-	0	-1		0	0	0	0	0	0	0	0	. <b>.</b> .	0	0		1	3	8,	0	22		34
л ө	204.0		0_	-1	0	0	0	0	0	0	0	0	0_	0_	1	0	0	8	0	22	0	3		34
	208.3	<b>.</b> .	Q.	-1	0	0	0	<u>0</u>	0	0	0	0	0	0	3	. 0	3		0	0	3			12
	213,6		, Q	-1	0	0	0	0	0	0	0	O	. 0	1	0	, <b>1</b> ,	0	0	0	0	. 0	12		14
	218,4		0	-1	0	1	_0	0	0	0	0	0	0	0	0	1	0	10	0	6	0	10		28
	223.2		Ó	-1	0	0	14	0	0	0	0	0	0	0	0	0	. Ņ	0	_1	.6	1	0		22
	228.0		0	-1	0	0	1	0	0	0	0	. 0	1	0	6	0	0	0	0	0	0	1		9
	232.8		0	-1	0	0	0	0	0	0	0	0	0	0	0	6	0	6	1	0	0	3		16
	237.6		0	-1	0	0	0	8	0	Q.	0	0	0	0	0	0	0	0	0	6	. 0	0		14
	242.4		0	-1	0	0	. 0	0	. 0	1	6	0	0	3	0	0.	0	3	0	0	0	0		13
	247,2	• •	0	-1	0	0	0	0	0	0	0	0	0	0			<u>,</u> .3	0	0	0	0	0		. 6
	252.0		0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	AZIMUTH	4	10		13	· · · · · · · · · · · · · · · · · · ·	54		7		, 9,		1		31		26		755		2082			
. Si					9		16		2		4				.12		297		1131		4509		89	76
	TEST P4	DISTANCE	FROM <b>SOU</b> METERS	IRCE	PUFF REL	EASE TIME	DATA	ACCUMULA	TION IN ECONDS	CREMENT		- ·· · -	TOW	/ER	÷	-								
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						RELATIVE	CONCENTR	ATION IN	COUNTS	PER TEN	SECONDS	-												
	SECONDS_ AFTER RELEASE	0 9 0.8M	D <u>IR</u> 8 D 1,5M	E C E G 3.0M	Ţ <u>0</u> R E E 6,1M	<u>8</u> F 10.7M	R 0 M 1 1 0.8M	S 0 4 D 1.5M	UR EG 3.0M	<u>СЕ</u> REE 6•1 <sub>М</sub>	A <u>N</u> D 5	E L 1 3 0.8M	E V 0 D 1.5M	A T I E G 3.0M	ON REEE 6,1M	S 10.7м								
	26.0	0	0	0	1	0	0	0	Q	0		16	47	85	33	78								
	30.8	0	0	00	0	0	6	0	1_	0	3	166	237	108	2528	270								
	35.6	0	0	12	<b>1</b> 0	0	0	0	0	. O	þ	1774	2578	4610	2233	6572								
	40•4	28	0	12	49	0	0	0	0	0	14	5558	5851	6803	333	3720								
	45.2	3	0	3	26	0	Q	0	0	0	<u>0</u>	5081	4997	3914	281	1249								
	50.0	0	0	0	0	0	0	0	0	0	0	2751	2103	1906	203	926								
<b></b>	54.8	1	Q	22	10	0	0	0		0	0	2406	2814	2972	137	1439								
ິ ເອ	59.6		0	0	0	00	0	0	0	0	Ą	1728	1581	972	39	224								
	64.4	<u>a</u>	Q	0	0	0	0	0		Q	Q	1395	1197	774	41	210								
	69.2	0	0	0	0	0	0	0		3	1	710	628	508	87	278								
	74.0	0	0	0	0	0	0	0	0	0	0	351	268	139	3	45								
	78.8	0	0	3	0	0	0	0	0	0 .		235	174	101	0	6								
	83.6	0	0	0	0	0	0	0	0	1	0	120	78	53	0	18								
	88.4	0	0	0	00	0	0	0	0	0	<u> </u>	33	26	10	0	20								
	93.2	0	0	0	0	0	0	0	0	0	0	22	16	1	0	8								
	98.0	0	3	0	0	8	0	0	. 0	0	0	18	8	10	0	0								
	102.8	0_	0_	3	0	0	0	0	0	Q		3	10	1	0	12								
	107.6	0	 N	1	1		1	0		0	0	0	0	0	0	0								

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TEST P4	DISTA ICE 200	FRON SOU M <b>ET</b> ERS	JRCE	PUFF REL 0838:	E SE TIMF 15 PST	DATA	ACCUMULA 4.8 S	TION I ECON <sub>J</sub> S	NCREMENT						
					REL/TIVE	CONCENTR	ATION IN	COUNT	S PER TEN	SECONDS					
SECONDS AFTER RELEASE	0 9 0.8.4	D_I.8. 8 D 1.5 <sub>%</sub>	E C E G 3.0M	T I Q R E E 6.1M	S 10.7M	R 0 M 1 1 0.8M	S 0 4 D 1.5M	U R E G 3.0 <sub>m</sub>	C E R E E 6.1M	A N D S# 10.7m	E L 1 3 0.8M	E V 0 D 1.5m	A T I E G 3.0M	0 N R E E 6•1M	5 10.7M
112.4	٥	1	3	0	0	0	0	Ú	0	۵	0	0	0	0	0
117.2	0	Q	0	0	0	0	0	Û	6	3	0	1	0	0	0
122.0	3	0	. 0	. 0	0	0	0	0	0	â	0	20	0	0	0
<b>126</b> •8	Û	С	Q	C	. 0	Q	1	0	0	0	3	10	1	3	0
131.6	<b>..</b>	<u> </u>	00	0	0.	Q	0 0	Q	. 0		0	0	1	0	3
136.4	Û	0	<b>.</b>	<b></b> 0	<b>.</b> 0	. 0	_ 0	0	Û	٥	0	3	0	0	10
141.2	0	0	0	0	0	D	0	Û	0	. 0	0	1	0	0	0
146.0	0	0	0	0	1	0	0	<u>0</u>	Q	QQ	0	1,1	1	. <b>Q</b>	0
150.8	. <b>O</b> .		Q			Q	0	. 0		1	0	Q	. <b>O</b>	Q	0
155.6		O	0	0	0	0		0	0		C	Q	. O <sub>.</sub>	10	<b>O</b> .
160.4	<u> </u>	0	0	0	Q	0	0	0	0	Q	0	0	00	<b>Q</b>	
165.2	D	0	3			Q	0	Û	0	· · · · · · · · · · · · · · · · · · ·	0	. 0	1	0	0
170.0	0	8	10	0	0	0	<b>Q</b>	0	<b>O</b>	٥.	0	0	0.	Q	0
174.8	<u> </u>	1	8	0	0	00	0	1	0		0	0	0		0
179.6	û	1	0	Q	QQ	3	0	<b>. Ú</b>	. Q.	Q	0	0	0,	9	
184.4	0	0	0		0	0		0	0		. <b>Q</b>	1	0	. 0_	6
189.2	1	<u> </u>	0	8	. 3	0	0	0_	0	0	Ç	0	0	Q	. 0
194.0	Û	ô	Q	0	1	0	<u>0</u>		Q	Q		, O	. 0.	0_	. 6
SUMS	.36	14	80	111	14	10	1	2	10	36	22370	22650	22971	5931	15100

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	TEST _ P4	DISTAN	CE FROM S 00 meters	OURCE	FUFF REI 0838	LEASE TIMP 15 PST	DATA	ACCUMULA 4.8 s	ATION I Seconus	ICREMENT			TO	VER		
						RELATIVE	CO CENTR	I NOITAS	A COUNTS	S PER TEN	SECONDS					
	SFCONDS AFTER RELEASE	0 _ 0.8M	D ■ 9 8 3 1.5M	R E C D E G _4.6M	T I 0 R E E 10.7	N. F 5 21.3M	R 0 M 1 1 0.81	S Q 4 D 1.5M	U к Е в 4.b	C E R E E 10.7M	A N D S 21.3M	EL 1 3 0.8M	E V 0 [ 1.5m	A T I E G 4.6M	0 N R E E 10.7M	S 21.3м
	84.0	-1	0	0			0	Û	U	Q	1	0	0	0	0	0
	88.8	-1	10	0	Q	0	0	Ũ	U	C	1	0	0	0	6	0
	93.6	-1	0	0	0	0	0	0	ú	1	٥	Û	0	0	0	0
	98,4	-1	0	Ô	0	0	0	0	Q	0	D	10	0	0	0	0
	103.2	1	3	0	0	0	3_	Ũ	Ü	12	Q	3	24	47	37	62
	108.0	-1		0	. 0	0	0	0	U	Û	1	147	133	222	193	6
- <del>6</del>	112.8	-1		. 0.	0	0	0	Ũ	1	Û	Q	241	172	222	276	137
-61	117.6	-1	0	0	0	0	0	Ŭ	Ų	0	۵	176	176	178	218	62
	122.4	-1	0	0	0	3	0	Û	U	Û	0	253	208	243	120	0
	127.2	-1	0	0, 1	0	0	0	O	O	0	Û	218	197	187	91	6
	132.0	-1	0	00	0	0	0	Û	U	Û	Q	195	201	206	64	0
	136.8	-1	Q	0	0		0	0	C	3	0	199	170	141	120	10
	141.6	-1	0	0	0	0	0	Û	ü	6	Ø	170	162	189	66	6
	146.4	-1	0	0	0	00	0	0	U	0	Q	170	139	156	58	0
	151.2	-1	Q	0	0	0	O	Û	C	6	þ	147	112	112	64	1
	156.0	-1	0	0	0	0	0	O	G	0	0	106	101	118	22	24
	160.8	-1	0	0	0	<u> </u> 0	0	0	Ú	0	Q	85	64	60	35	6
•	165.6	-1	0	<u>0</u>	1	0	0	0	ũ	0	Q	81	74	70	47	8

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	TEST P4	DISTANCE 800	FROM SOU	URCE	PUFF REL 0838	EASE TIME	DATA	ACCUMULA 4.8 S	TION I ECON <sub>D</sub> S	NCREMENT						
						RELATIVE	CONCENTR	ATION IN	1 COU,1T	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.84	D I R 8 D 1,5M	E C E G 4.6M	T I O R E E 10.7M	N F S 21.3M	R 0 M 1 1 0.8M	50 4D 1.5 <sub>M</sub>	U K E G 4.6,	C E R E E 10.75	u A N ا 5 21.3.;	EL 13 0.8 <sub>M</sub>	E V 0 D 1.5 <sub>M</sub>	ATI EG 4.6M	0 N R E E 10.7 <sub>M</sub>	s 21.3м
	170.4	-1			. O	3	0	٥	U	0	α	64	18	18	12	26
	175.2	-1	0	0_	0	0		0	ú	Û	۵	31	2 <b>6</b>	22	3	0
	180.0				. 0	0	0	υ	U	G	0	28	41	<b>2</b> 6	3	0
	184.8	-1	0	Q	0	0	0	O	0	Ũ	1	33	24	1	0	0
	189.6	-1		0	<u>c</u>		1	Û	Û	0	Q	24	18	24	0	1
	194.4	-1	0	. 0	0	0	0	ú	Ú	0	3	12	18	10	0	0
ы.	199,2	-1	0	0	. 0	0	0	0	U	υ	٥	6	0	0	3	0
- 6.	204.0	-1	<u> </u>	0	6	0	0	0	U	0	٥	0	ΰ	18	0	0
	208.8	-1	0	Q		0		0	ú	0	9	12	3	0	0	0
	213.6	-1		_ 0	J G	0	3	0	U	0	0	1	0	٥	1	0
	218.4		0	0	0	00	0	0	U	0	Q	ć	0	1	1	0
	223.2	-1	Q	<u>0</u>	0	Q	Û	ο	ن	0	0	3	1	1	0	0
	228.0	-1	QQ	0	0	0	_ 1	1	U	υ	Q	1	0	0	6	0
	232.8		0	0	00	0	0	.0	u.	G	Q	G	0	0	0	D
	237.6	-1	00	0	0	3	0	Û	ú	0	0	Ŭ	0	0	0	0
	242.4	-1	0	0	0	0	0	6	U	Û	þ	0	0	1	0	0
	247.2		C	0	0	0	0	Ú.	<b>ن</b>	0	. 0	1	Q	0	0	0
	252.0	-1	0	Q	D	0	0	, û	U	0	Û	Û	0	0	0	0
	SUMS	0	13	3	7	9	8	1	9	28	7	2423	2082	2273	1446	355

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-	TEST P5	DIS	TANCE 200	FROM	SOUR RS	CE -	PUFF 1	RELE	ASE 1 10 PS1	FIME F	DA	TA AC	2.4	ATION Seconi	INCRE DS	MENT					GRO	JND LI	EVEL	(1.5 M)
									RELA	FIVE (	ONCE	NTRAT	ION I	a coni	NTS PE	R TEN	SECO	NDS						
	SECONDS AFTER RELEASE	<u>D</u>	<u>1</u> 094	R E 096	<u>с</u> Т 098	T 100	I 102	0 1 5 104	<b>1</b> 06	F M 108	R T 110	0 E 112	R 114	5 116	0 U E L 118	R E 120	с ү 122	Е, А Т 124	D I 126	E 0 128	G R N 130	E 132	Ε	S CROSSUINA SU~S
	16,0		0	0	0	0	1	0	0	0	1	1	6	Û	0	0	0	0	0	0	í	0		<b>1</b> .,
-	18.4		6	0	0	0	0	0	0	1	10	0	0	0	0	0	6	1	G	0	0	G		24
	20.8		0	0	0	0	0	0	0	o	0	. 0	10	0	Û	0	Û	0	0	Ũ	0	Û		1;
	23.2		0		. 1	0	1	0	1	6	0	<b>1</b> 0	360	1072	322	14	35	18	31	0	ð	1		1872
	25,6		0	0	0	14	0	6	1	0	472	5910	3918	464	6 <b>6</b> 0	243	97	39	6	6	0	O		11836
	28.0		1	0.	6	0	1	0	26	1264	28 <b>31</b>	13060	8314	2672	926	635	39 <b>3</b>	0	0	0	0	0		30129
ط	30.4		6	0	Ð	43	81	118	543	2310	54 <b>1</b> 0	16381	17385	10164	1218	556	389	64	C	ð	G	0		54668
-63	32.8		0	11	0	35	U	143	456	6193	11647	16301	19751	6276	893	435	243	22	0	Û	0	0		62395
	35,2		0	a	0	12	0	89	547	6047:	15735	<b>2</b> 04 <b>7</b> 6	12868	4731	551	326	206	31	0	Ü	0	0		61629
	37.6		0	0	0	0	0	6 E	264	3610:	18597	17160	12368	2001	401	9 E	110	14	Û	10	0	0		54696
	40.0		0	U	1	14	0	93	1210	5335;	16185	15285	11381	1414	197	31	147	1	0	0	Û	C		51294
	42.4		Û	0	0	22	0	43	197	1118	9056	9722	8476	2393	<b>11</b> 6	72	39	0	0	0	0	0		31248
	44.8		0	0	0	0	0	ΞT	<b>⊥</b> 16	943	7539	<b>1111</b> 0	5710	4926	606	122	60	14	<b>1</b> 0	C	0	0		31247
	47.2		_ 0	0	0	1	60	151	522	2860	7676	3656	3226	3776	1576	393	214	0	0	0	10	Û		24121
	49.6		0	Π	6	0	47	35	685	4043	5172	2414	3589	1785	606	343	147	10	0	0	O	6		18888
	52.0		0	0	0	14	18	26	T38	1547	3418	2131	2126	2426	6 <b>2</b> 2	164	72	1	0	0	ð	Û		12704
	54,4	· · · · · • • • · · ·	. 0	. 1	0	0	14	22	43	201	1289	<b>136</b> ))	1872	1672	4 <b>3</b> 5	147	18	1	0	٥	0	0		7075
	56,8		1	0	1	1	10	18	0	64	810	<b>131</b> 0	1189	1781	6 <b>3</b> 9	110	26	26	0	U	O	0		5986

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TEST P5	DISTANCE 200	FROM SOUR	€CE	PUFF 1	RELE	SE T ତାଇଟା	1\$:	CAT	A ACC	UL:	4T10N 5CC0 45	INCRE 15	E∜I					GRO	U.D.L	EVEL	(1.5 M)
						NELAT	IVE C	ONCEN	TRATI	CN I	C00-	IS PE	R TE,	SEC	2.hDS						
SECONDS AFTER RELEASE	_DIF 094	R E A T 096 098	T 1 100	I 10 <sup>2</sup>	0 N 5 104	106	Р 108	R C 110	ی ق 112	к 114	5 0 116	) U L 113	к 120	ປ 122	E , A T 124	D 1 126	E 0 128	G R N 13)	E <u>;</u> 32	Ε	S CROSS_TN SU (S
59.2	0		0	0	10	0	97	256	422	5í4	1522	410	172	51	Û	D	9	0	0		3454
61.6	<u> </u>	6 0	Q.	0	10	0	0	51	25 <sub>0</sub>	456	589	739	214	81	14	Û	0	0	C		<b>2</b> 416
64.Q	Q	1.0	0	. 0	0	Ĵ	6	64	76	193	<b>₁</b> 47	322	214	97	G	Û	10	0	0		113
66,4	6	<u>э</u>	0, 1, 1	1	0	0	0	14	26	118	276	122	60	81	6	0	0	C	6		716
68.8	0	D	1	0	٥	0	0	6	14	76	201	<b>3</b> 9	47	18	14	0	Ú	0	Ũ		417
71.2	0	1 0	. 0	0	Q	1	O	6	С	89	93	31	ó	6	10	0	0	0	Ū		243
73.6	<u> </u>	00	_ 0		. o	Û	Û	14	Ű	43	64	10	G	0	0	0	ð	0	0		131
76.0	0			<b>1</b>	0	1	Û	1	Ĵ	35	51	ú	Û	0	0	0	J	0	ΰ		95
78.4	Q	0		0	. 0	0	0	0	6	18	18	Ũ	θ	Ű	G	0	á	ũ	6		54
80,8	<b>Q</b>	1 0		6	0	0	0	0	0	6	6	Ú.	0	0	0	0	Û	0	0		<u>*</u> 9
83.2	00		Q	0,	. 0	Q .	, D	0	<b>1</b>	1	6	Ú	0	Û	6	0	0	i	0		24
85,6	1	0 0	0	10		. 0	e	Q	ó	ί	1 Ŭ	1ú	10	Ũ	1	Ú	Û	0	0		48
88.0	0	Q 0	1	1	6	. 0	0	Û	ú	18	Ţ	0	0	0	0	1	0	٥	Û		28
90.4	0	0 0	0	0	. 0	. 0	Ū,	1	G	22	1	Ú.	Û	0	0	0	0	0	0		24
92.8		<u>0</u> 0	0	0	0	0	0	0	U	10	0	ú	U	0	6	6	1	0	Û		17
95,2		0 0	o	0	Q	0	0	6	0	Û	0	Û	0	14	0	0	0	Û	O		2.3
97.6	Q	00		0	o	Q	0	0	Ð	0	10	1	Ũ	Û	с	Û	0	1	1		, 3
100.0	0	ο υ	0	0	. 0	1	0	0	<b>`</b> }	10	16	0	<b>1</b> 0	0	0	0	0	0	0		31

-	TEST P5	ا ن	ISTANCI 20	E FROM 0 METE	SOUR RS	CE	PUFF 1	RELE	. <mark>SE 1</mark> 0 PST	IME	DAT	A ACC		TION SECOND	INCRE S	MENT					GRO	UNDL	EVEL	(1.5 M)
			•						RELAT	IVE C	ONCEN	ITRAT	ION IN		TS PE	R TEN	SEC	NDS						
	SECO DS AFTIR RELE SE	U I	_ <u>I</u> 094	R E 096	T 098	1 тоо	102	0 N 5 104	106	F M E 108	R 0 110	E 112	R 114	S 0 116	TTA T O	R E 120	C V 122	E , A T 124	D 126	E 0 128	G R N 130	E 132	Ę	S CROSSVIND SUMS
	102.4		0	0	1	0.	0	0	0	0	0	1	ņ	0	1	0	0_	0	0	0	0	0		3
	194,8		0	e.		18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<b>.</b>	18
	17.2		1	, <b>1</b>	, U	_ 0	6	0	0	0	0	0	0	. <b>1</b>	0	0	0	0	0	6	0	0		15
	109.6		0	0	0	0	0	0	0	0	0	0	10	Ŭ,	Û	0	0	0	0	0	0	0		10
	<b>112.</b> 0		0		0		0	0	0	6	0	0	6	0	Û	0	1	0	0	0	1	0		14
	114,4		0	9	, Q	0	0	0	Ç	1	0	1	1	0	0	0	0	0	0	0	0	0		3
θ	116.8		G	<b>1</b>	Û	0	6	0		0	0	0	,0	1	0	0	0	0	1	1	D	0		<b>1</b> 0
-65	119.2		, Q	٥.	0	0	. 0	0	0	0	0	0	6	0	0	0	0	0	1	0	0	0		7
	121.6		ΰ	. O	0	0	Q		0	0	10	0	1	0	1	0	0	0	10	0	0	0		22
	124.6		0	0	0	0	0	0	6	0	0	0	. O	14	0	0	0	0	0	0	0	0		20
	126.4		0	. 0	0	.0.	, <u>,</u> 0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1		4
	<b>128</b> .8		0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	6	0	0	0		6
	131.2		O	0	, O	1	0	0	0	0	0	Q	0	6	0,	0	0	0	0	0	0	0		7
	133.6		10	6	Û	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		16
	136.0		ΰ	Q	0	0	0	. 0.	0	0	0	0	0	1	0	0	0	0	0	0	0	0		<u>1</u>
	<u>i</u> 38.4		U	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	140.8		Û	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		Ç
	143.2		0	0	1	0	0	0	0	0	10	6	G	0	6	0	0	0	0	0	0	0		23

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	TEST P5	)19	STANCE 200	FROM METE	SOUR( RS	2	PUFF 10	RELE	SE T 0 PST	IME	DAT	A- ACC	UMULA 2.4 S	TION	INCRE S	MENT	an		ang ta		GRO	UND LI	EVEL-	(1.5 M)
									RELAT	IVE C	ONCEN	ITRATI	ON IN	COUN	TS PE	R TEN	SECO	NDS						
	SECONDS / FT _ RELE SE	3	I 094	R E 696	T 098	T 100	102	) N 5 104	<b>1</b> 06	E M 108	R 0 110	. M. E 112	R 114	<u>5</u> 0 116	U 118	R 1 <sup>2</sup> 0	C V 122	Ε, Α Τ 124	D   126	E 0 128	6 R N 130	E 132	E	S CROSSFIND SU S
	145,6		υ	1	1	0	Ō	0	0	0	0,	. <b>1</b> .	0 .		1	, O		. 0	.0	6	0	<b>1</b>		1,1
	148.0		1	1	O.			0		0	0	<u>0</u>	Q	0	0	1	0	0	0	0	0	0		3
	150.4		.0	ν	. 0	1	0_	6	ο	1	0	0	0	Ų.	0	0	6	0	0	0	0	0		14
	152,8		. 0	0	.0	1	0	0	Q	0	0	0	0		0	0	0	1	0	. 0	0	0		2
	155.2	·· -	0.,	. 1.		0	0	. 22	0	1	0	0	1	0	0	0	0	0	0	0	0	0		25
	<u>1</u> 57,6		0	. 0	0	0	0	. Q.,	Q	0	0	0	0	0	0	0	6	0	. 0	0	1	0		····· <b>7</b>
B-66	AZI⊠UT SU∺S			<b>2</b> 2	13	189	264	897	4 <u>819</u>	1( 35654	)6288 13	<u>11</u> 7112	4183 5	1 0581	1461	4418	2563	301	67	46	15	22		468953

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TEST P5	JISTANCI 800	EFR 0ME	O M ETEF	S0UR RS	CE	PUFF 1	RELE	ASE 1 0 PST	IME	DA1	A ACC	2.4 S	TION	INCRE	MENT					GRC	UND LE	EVEL	(1.5 M)
								RELAT	IVE (	CONCE	NTRATI	ON IN	COUN	ITS PE	R TEN	SECO	NDS						
SECORDS AFTER RELE SE	1 094	R A 09	Е 6	<u>с</u> Т 098	T 100	1 102	0 N 5 104	106	F № 1 108	R 0 E T 110	M E 112	R 114	5 0 116	U 118	R E 120	C V 122	E , A T 124	D 126	E C 128	6 F N 130	E 132	E	S CROSSWIND SUMS
71.0	-1		0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1		4
73.4	-1	•	0	0	0	6	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0		16
75.8	-1		6	0	0	0	0	0	10	0	0	6	0	1	0	0	0	0	0	0	0		17
78.2	-1		Ģ	0	0	1	. O ,	0	0	0	6	0	0	0	0	0	0	0	0	0	0		7
80,6	-1		0	14	0	1	Q	0	0	6	10	1	0	0	0	0	0	0	0	0	6		38
83.0	-1		0	1	0	1	1	0	0	101	43	14	0	0	0	0	0	0	0	0	0		161
85,4	-1		6	0	0	0	14	1	0	156	89	6	0	10	0	0	1	0	0	0	0		283
6 87.8	-1		0	.0	0	0	0	0	0	93	164	26	197	210	0	0	0	0	14	0	0		704
90.2	-1		0_	1	0	Ņ	1	0	0	56	97	<b>7</b> 6	118	135	14	0	0	0	0	10	1		509
92.6	-1		0	0	. 0	_1	1	0	10	18	126	97	122	168	35	0	0	0	0	0	0		578
95 <b>.</b> ŭ	1		0	0	0	0	9	0	1	93	197	81	122	160	60	1	6	0	0	0	1		722
97.4	-1		0	0	0	0	0	1	0	806	235	318	151	276	122	31	0	0	0	0	0		1940
99.8	<b>-</b> 1		Û,	0	Q	0		0	0	147	364	264	310	406	114	60	0	0	0	0	1		1666
102,2	-1		0	Q	0	0	0	0	O	347	485	235	297	435	156	143	0	0	0	0	0		2098
104.6	-1		0	Q	0	0	0	0	0	639	626	431	222	451	160	139	0	0	0	0	0		2668
107.0	-1		0	0	6	0	1	0	10	264	293	3 <u>1</u> 4	347	476	185	189	0	0	0	Q	0		2085
109.4	-1		0	0	0	0	0	0	0	289	210	289	447	639	168	176	0	0	0	0	0		2218
111.8	-1		0	0	0	6	0	6	0	318	114	156	414	760	260	89	0	6	0	0	0		2129

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	TEST P5	015	STANCE 800	FROM , ETE	SO JR RS	С	UFF 1	RELE 052:4	SE TI PST	INE	САТ	A ACC	UM <b>ULA</b> 2,4 S	TION	INCRE	MENT					GRO	7.0 L	EVEL	(1.5 M)
								:	RELAT	ινε ο	ONCEN	TRATI	00 15	COUN	TS PE	.i <b>₹ 1</b> °E	SECO	NDS						
	SECOADS AFTER RELEASE	ם	1 094	к Е А 0 <b>9</b> 5	 1 098	T 100	I 10 <sup>2</sup>	3 iv 5 304	<b>1</b> 06	F 108	R 7 110	ε 112	R 114	s 0 116	U L 113	R E 120	C , i22	E, A T 124	D I 126	E 0 128	G R N 130	E 1 <b>3</b> 2	ε	S CROSS N / SU IS
	1:4.2		-1	j.	0	G	0	0	0	0	289	126	193	347	747	210	47	1	1	D	Ũ	14		1975
	116.0		-1	0	ó	14	0	G	Û	Û	281	147	139	297	581	218	43	0	14	Q	0	0		174)
	119,0		-1	1	0	0	1	1	0	0	181	89	135	281	693	151	35	0	0	0	0	0		1568
	121.4		-1	Û	0	0	0	0	0	0	256	43	135	268	464	218	14	0	0	0	0	0		1398
	123.8		-1	Ú	ó	Q.	0		0	0	56	39	114	201	297	143	60	1	Q	1	. 0	0		919
	<b>26</b> ,2		-1	0	υ	0.,	0	0	0		51	31	118	193	297	181	89	6	0	0	0	0		966
-tag	_28.p		-1	. O	ð	1	0	0	0	6	31	14	56	76	339	151	131	18	1	0	0	0		824
- 68	131.0		-1	6	0	0	6	. 0	Ũ	1	0	18	6	64	322	210	118	22	0		0	0		774
	33.4		-1	υ	0	1	0	14	0	1	14	6	10	64	181	139	101	1	. 0	0	0	.0		532
	<b>_35.</b> 8		-1	ڹ	о	1	0	٥	0	¢	0	14	60	35	176	118	81	0	10	1	0	0		496
	30.2		-1	1		0	0	٥	. 0	. 10	0	. 0.	1.0	1 .	122	135	122	6	0	0	1	0		408
	140.6		-1	Э	.0	0	0	1	. 0	. 0	0	. 1	22	10	43	81	22	14	0	0	0	0		194
	143.0		-1	Э	1	0	0	0	0	0	1	0	6	47	101	60	18	0	0	0	0	0		234
	_45 <b>.</b> 4		-1	3	. 0	o	0	0.	.0.	0	6	0	Q	35	72	18	0	0	0	0	0		- 4 Ng - 1 - 14 sg - 1	131
	47.8		-1	. 1	÷.	1	0	0	1	0	0	,0	0	31	51	22	6	6	0	0	0	0		119
	150.2		-1	υ	Ű	0	0	.0	0	0	0	0	6	18	31	26	0	0	0	0	0	0		81
	152.6		1	Ű	р	0	18	Ο.	0	0	0	.0	0.	10	43	31	0	0	0	0	6	0		108
	155 <b>.</b> 0		-1	1		0	10	Q.	. 0		1	0	0	26	0	0	1	0	10	0	0	0		49
	AZIMUT SUMS	ri	0	15	29	. 25	52	34	9	49	4501	3587	3324	4751	8697	3386	1716	82	42	17	1/	24	· · · · · · · · · · · · · · · · · · ·	30358

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TEST	DISTANCE FF 200 ME	ROM SOUF	RCE	PUFF RE 1052	LE SE TIME :40 PST	DAT	A ACCUMUL 2.4	ATION I SECONDS	NC (EMENT			Tow	ER		
					EL TIVE	CONCEN	TRATION	IN COUNT	S PER TE	SECONDS					
SECONDS AFTER RELEASE	D •098 0.8M 1	I_R 8 D 1,5 <u>M</u>	E C E G 3.0M	T I O R E E 6.1(	N F 5 F 10.7M	R 0 . 1 0.8	S ( 1 4 . 1•5	0 U R 2 E G 3.0	C E R E = 6.1	A N D S 10•7a	EL 13 0.8M	E V , 0 D 1.5M	A T I E G 3.0M	0 N R È È 6.1M	S 1∴.7≽
	QQ	0		D	Ū	U	6	Ū	0	υ	0	1	6	0	C
18.4	0	0	Q	0	0	0	υ	12	Û	1	0	0	0	1	Ο
20.8	0	0	0	6		6	10	ú	U	14	o	0	0	0	. 0
23,2	0	1	1	0	0	135	<b>3</b> 60	781	1639	1906	0	0	0	1	C
25.6	00	0	0	0 .	. 0	3035	3918	4247	4606	643	0	0	10	22	1
28.0	1	.6	. 0	1		6081	8314	13835	9910	3906	47	0	143	181	0
<u>w</u> 30.4	QQ	0	10	1 .	10	15322	17385	21368	14856	9664	376	0	539	593	0
<u>6</u> 32.8	0	<u> </u>	Q	0	56	20814	19751	20239	18610	951	181	0	181	185	0
35,2	Q	0		6	10	15693	12868	9331	5289	2356	106	0	72	47	0
37.6	QQ	0	0	0		12322	12368	8968	2847	22	22	0	1	6	G
40.0	0	1	0	0		11789	11381	8231	2568	293	14	0	0	39	G
42.4	0	0			6	10776	8476	7385	3326	2935	60	0	51	60	0
44.8	6	0	0	0	0	7576	5710	3339	1643	1576	18	0	14	10	0
47.2	0	0	Q	0	0	4714	3226	<u>1</u> 676	739	314	31	10	10	6	0
49,6	0	6	Q	Q		3585	3589	2222	810	106	6	0	6	0	C
52,0	10	0	0	0	0	2393	2126	568	518	14	Ŭ	0	0	0	٥
54.4	00	0	0			1947	1872	<u>1</u> 322	489	139	0	0	0	0	0
56,8	Q	1	0	0	0	1285	1189	59 <b>3</b>	493	110	0	Û	o	0	6

TEST P5	DISTANCE 200	FROM SOU	RCE	PUFF RELI 1052:	E <sub>A</sub> SE TIME 40 pst	DAŤA	ACCUMUL 2.4	ATION IN SECONDS	CREMENT						
<b>W</b> = = -					RELATIVE	CONCENT	RATION I	N COUNTS	5 PER TEN	SECONDS					
_SECONDS AFTER RELEASE	0 9 0.8M	D <u>IR</u> 8	E C E G 3.0M	T I 0 R E E 6.1M	N F S 10.7M	R 0 M 1 1 6.8	S_0 4 ∂ 1∙5	L R ≂ G 3.0 -	C E R E E 6.1	а N D S <b></b> 10• <b>7</b> 4	E L 1 3 0.8尚	EV 0 0 1.5M	ATI EGI 3.8M	0 N R E E 6.1™	S 1::.•7':
59,2			0		0	685	514	<b>16</b> U	35	14	υ	D	0	Û	
61.6	0	0	0	0	0	501	456	306	56	С	G	0	0	10	
64,0	0	0	1	. 0	0	314	193	197	31	θ	٥	0	0	0	
66.4	0	0	0	٥	0	168	118	106	10	0	0	Û	1	0	$f_j$
68,8	Ç	0	0	0	0	106	76	39	J	1	1	٥	0	1	Û
71.2	.0	0	0	1	0	51	8 <b>9</b>	43	1	G	0	Ŭ	Û	0	G
₩ 73.6	10	ο	0	0	0	85	43	43	10	6	٥	Ũ	0	0	1
- - - - - - - - - - - - - - - - - - -	0	0	0	. 0	Û	60	35	6	U	ð	υ	0	0	0	Û
78,4	0	0	0	0	0	31	.8	18	6	ь	0	о	0	O	9
80.8	0	0	0	1	0	6	6	i.	L.	L	Ü	0	٥	0	0
83,2	0	00	6	0	0	Ú	1	14	G	1	1	1	0	0	Û
85,6	0	0	0	0	0	6	Ũ	J	U	6	0	J	C	Ũ	0
88.0	0	0	0	. 0	0	10	18	6	ú	Ũ	Э	0	6	1	0
90,4	0	0	0	0	18	10	22	Ű	Ĺ.	0	0	0	0	0	0
92,8	1	0	0	0	٥	Û	<b>1</b> Ü	j.	ţ,	0	0	0	Û	0	0
95,2	0	0	1	Û	O	10	J	1	12	ŭ	0	0	Û	0	0
97.6	6	0	0	0	6	Ü	U	ú	U	0	Э	1	ð	0	6
100.0	0	0	0	C	0	1	1	<b>i</b> :	U	Э	0	0	0	0	0

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SONOCES	2,9T	PER	STNU00	ΝÍ	CONCENTRATION	SVITAJ38	1

TEST DISTRUCE FROM SOURCE PUFF RELEASE TIME DATA ACCUMULATION INCHEMENT PS 200 METERS 1052:40 PST 2.4 SECONDS

0	0	0	0	0	0	9	τ	0	0	0	0	0	T	0	1#3.2
0	C	0	0	0	Ó	O	în î 👘	0	0	0	0	1	0	0	8.041
0	0	0	0	0	0	i o'	0	n i	0	0	0	Ó	0	0	128.4
Ũ	O.	0	0	0	Ó	o	τ	0	0	Ö	0	ð	0	0	126*0
0	Ō	0	0	0	0	0	τ	· · · ·	t	О	<b>.</b>	0	0	σ	9 221
0	Ó	0	0	0	e .	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	ō	0	ó		0	0T	0	0	131.2
0	Ò	0	0	τ	0	0	. o	n	0		0	0	0	0	8.8 <b>5</b> 1
0	Ö	0	0	0	0	Ŭ,		<b>0</b> ··· ·	ō	<b>o</b>	0	٥	σ	σ	#*9ZT
0	0	Ō	0	τ	0	0	'n	۰ <u>۸</u>	0	0	0	0	o	0	<b>154°</b> 0
0	0	o	0	0	ò	Ó	0	τ	0	0	9	Ŏ	σ	0	151.6
0	0	0	0	0	0	0	ŋ	9		٥	0	0	0	σ	5.011 1
0	0	0	0	0	ήŢ	0		0	0	0	0	Ö	0	0	8*9TT
	0	οτ	0	τ	0	τ	T	τ	0	0	0	0	0	0	₩*₩ <b>↓</b> ▼
0	0	0	Ţ	0	0	·· 0 · ·	0	9	56	0	0	0	0	01	115*0
0	τ	0	C	0	0	, Ú	9	ο <b>τ</b> ί	<u>0</u>	0	0	0	Ø	0	9°60T
<u>†</u> T	0	0	0	0	0	r	<b>n</b>	e	0	0	0	Ő	0	0	2°70T
0	0	D	0	0	0	0	τ.	e	n	о об са се	0	0	0	0	8*#0T
0	0	0	0	0	0	0	n	0	0	0	0	0	τ	D	102.4
⊰ <b>∠</b> ∙ध⊺ S	9•זא צ ב כ 0 וי	I T A 9 <b>3</b> (	%S•T G 0 A ∃	0.88 1 E E	KL.01 S 0 N V	9•ז" א ב ב כ ב	יס•כ פ פ ח צ	%g•t 0 † 0 S	0.84 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	W2*0T S N	6•1% 8 E E 1 I O	2'0W E C E C	WS*1 0 8 8 I 0	W8°0 6 0	RELEASE AFTER Seconds
					SONODES	লব। সমৰ ও			INTONOS T	KEFVITA					

157 <b>.</b> 6	6	0	0	0	0	0	j.	1.	J	1	0	1	0	0	1
155.2	0	0	0	. 0	0	U	1	Ü	Ç	J	0	0	0	0	(1
<u>1</u> 52,8	1	0	0	0	0	0	ن	Ü	0	Û	0	O	Ċ	0	ð
150.4	6		0	0	0	Û	Ŀ	U	0	С	0	0	0	0	6
148,0	0	Q	0	, C	0	1	ز	Ĵ	Ũ	Û	0	0	0	0	Ű
145,6	0	1	0	0	0	Ű	J	U	ú	Э	0	Û	1	0	ú
SECONDS AFTER RELEASE	0 9 0.8M	D I R 8 D 1.5M	E C E G 3.0M	T I 0 R E E 6.1~	N F S 10.7M	R 0 1 6.8	् S 1 4 1.5.	0 U R U E G 3.0	C E R E E 6.1	A N D S 13•7%	EL 1 3 0.84	E √ 0 D 1.54	ATI EG 3.JM	0 N R E E 6.1M	S 10.7
					RELATIV	E CONCEN	TRATION	IN COURT	S PER TE.	SECONDS					
TEST P5	DISTANCE 200	F R O ~500 METERS	RCE	PUFF REL 1052	EASE TIM 40 PST	E DAT	A ACCUMU 2.4	LATION I SECONDS	NCKET LA I						

· . . .

0	0	0	0	0	T	<b>1</b> 8	522	<u> 885</u>	0 <b>T</b> †/	0	0	0	Ő	0	+ <b>*</b> 60T	
0	0	Т	0	9	0	89	521	415	995	0	τ	0	0	0	0°10T	
0	0	0	0	0	0	T8T	185	T£4	422	0	0	Ő	0	0	9"50T	
à	0	0 - ~	0	0	32	<b>2</b> 07	685	225	<sup>*</sup> †9£ <sup>**</sup>	0	Ō	0	0	0	102.2	
Ŭ	0 <b>T</b>	0	0	0	tTt	t19t1	335	797	0 <b>9</b> 2	0	0	0	0	0	<sup>9•</sup> 66	
0	0	0	0	OT	249	014	<del>1</del> 92	815	ZLE	0	0	0	0	0	<b>†*</b> 26	
0	t	0	0	<b>π</b> τ	682	TEE	C92	18	201	0 <b>T</b>	0	0	0 .	τ	^ <b>*</b> \$6	
0	T	0	0	0	TSL	684	589	<b>L</b> 6	58	O Î	0	0	0	0	9.56	
ŋ	0	0	0 <b>T</b>	0	247	745	S8T	94	Т8	0	τ	0	τ	T	30°S	
0	0	0	0	Т	1372	09	56	50	<b>0</b> T	0	0	0	0	0	8.78 P	3
0	<b>0</b> T	0	0	0	999	ts	ОТ	9	<b>£</b> †	0	07	0	0	ð í	†*\$8 <sup>Å</sup>	
0	9	0	0	0	TST	۲p	8 <b>T</b>	ħΤ	0 <b>T</b>	0	0	0	τ	0	0 • 88	
0	0	0	0	0 <b>T</b>	99	TS	9	τ	52	0	0	0	τt	0	<b>9.</b> 08	
Ŭ,	0	0	0	0	24	9	81	0	0	0	9	τ	0	0	S.87	
0	0	0	0	OT	52	c	0	9	0	0	0	C	0	0	8.27	
0	0	0	0	0	ť	Ó	0	n	0	Ó	0	0	0	0	<b>₩*</b> @L	
0	0	r	0	0	τ	0	0	Ċ	0	0	0	0	0	т	0°TL	
<u>्रह</u> •1२ २ऽ	₩ <b>2°01</b> 3 3 8 8 0 9	I T A 9 ∃ C %8 <b>.</b> µ	NS'T 2 0 9 6 A 3	₩8*0 11 1 ∃ (	N 4 S5 N 5	10•2 8 E E C E	09•₩ 9 Э 0 8 0 0	*/S•T ト カ T ト S M	9•0 тт Н И О	51°3M 8 N	10°.4% 8 E E 1 0	0 € 9 0 E 9 8 E C	₩ <b>5•1</b> 8 6 I 0	0 <b></b>	RELEXSE AFTER SECOLOS	
				ç	SOMODES A	at saa s	ти солит	NOITART	АЕ СОИСЕИ	тта⊐зя						
		83 <i>8</i>	101			тиамалом	SCNODES	A ACCUMUIN	TAO 3M	IIT 38≜3. _E≜SE TII	1025 BUFF REI	207R03	O WETERS	08 DNVLSIC	92 1571	

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111°9 0 0 0 0 222 126 1#2 60 81 10 0 0 1 0

	TEST P5	, ~ S T A N 800	FRO@, SOU METERS	RCE	PUFF REL 1052	EASE TIME 40 PST	DATA	ACCUMULA 2.4 S	TION I ECONDS	NCREMENT	Part		TOW	ER		
						RELATIVE	CONCENT	RATION I N	COUNT	S PER TEN	SECONDS					
	SECODDS AFTER RELENSE	u 9 0.8⊬	D I R 8 D 1.59	E C E G 4.6"	T I O R E E 10.71	N F 5 21,3M	R 0 M 1 0.8M	<u>S</u> 4 1•54	U R E G 4.6	C E R E E 10.77	A N D 5 21.3M	E 1 0.8M	$3 - \frac{E}{0} - \frac{V}{D}$	A T I E G 4.6M	0 N R E E 10.7M	5 21.3M
	114,2	ΰ	0	0	0	0	231	193	189	151	14	0	0	0	0	1
	116.6	ŭ	6	0	0	0	147	139	93	31	10	0	0	0	6	10
	119,0	U	۵.,	0	0	0	164	135	93	51	<b>7</b> 6	1	0	0	0	C
-	121.4	0	0	0	6	6	81	135	131	31	0	0	0	0	0	0
	123.8	1	6	0	0	0	143	114	47	1	18	1	0	0	0	0
	126.2	0	0	0	0		89	118	56	0	14	1	0	1	0	0
в	128.6	O	0	0	0	0	51	56	22	0	_0	1	0	14		0
-74	131,0	Û	0	_0			51	6	10	0	0	6	0	0	0	0
	,33.4	6	0	. 0	0	0	14	10	10	0	0	0	٥	0	0	0
	1 <b>35</b> ,8	0	O	0	0	1	26	60	Ü	10	0	0	0		0	0
	<b>_3</b> δ.2	0	0	0	. 0	0	64	<b>1</b> 0	0	6	0	Q		0	. 0	0
	140.6	0	0	0	0	0	22	22	10		0	<b>1</b>		1	<b>. 1</b>	0
	143.0	Û	1	0	0	0	26	6	Û	0	6	0	0	,0	0	0
	145.4	Û	٥.	0	0	0	<b>.</b>	. <u>.</u>	<u>(</u>	ú	0	0	0		<b>0</b>	, <b>0</b> ,
	147.8	1	0	0	0	0	0	, ų	ð	. O	0	14		Û	. 0	0
	156.2	0	0	0	0	0	1	. 6	1	. <b>0</b>	0	0	0	0	0	• 0
	<u>,</u> 52,6	ð	0	0	0	0	٥	<u>.</u> U	1	U	0	0	6	0	6	C .
	155,0	ũ	0	0	0	0	0	U			0	0	0	0	0	6
	SUMS	11	29	1	24	17	4181	3324	3560	3228	4509	86	17	18	42	23

	TEST P6	DISTANCE FROM SOURCE 200 METERS	PUFF RELEASE TIME DAT 1130:00 PST	TA ACCUMULATION INCREMENT 4.8 SECONDS	GROUND LEVEL- (1,5 M)
			RELATIVE CONCEN	TRATION IN COUNTS PER TEN SECONDS	
	SECONDS AFTER RELEASE	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	TONFRO 5 MET 102 104 106 108 110	<u>) M 5 0 U R C E 7</u> E R E L E V A T 112 114 116 118 120 122 124 1	D E 6 R E E S I 0 N CROSSW∎ND 26 128 130 132 SUMS
	6.0		QQ.	0 00 0 . 0 . 0	0 0 0 0 0 0 0
	10.8	0 0 0	0 0 0 0	0 3 0 0 0 0	<u>    0     0          0               </u>
	15,6	0 0 0 0	0 0 0 1 0	0 0 0 0 0	0 0 0 1
	20.4	0 0 0	0 0 0 0	0 0 1 0 0 0 0	0 0 0 0 1
	25.2	<u>0 0 0 0</u>	<u>    0    0    0     1  </u>	0 0 0 8 26 1674 1618 37	10 393 8 0 7438
	<b>30.</b> 0	01	0	6 1 3 60 16761853718243114	37 3216 243 0 47429
ω	34.8	0 0 6	0 0 0 0	0 0 3 199 62332251421606153	41 5033 622 6 71563
- 75 5	39.6	0 0 0	0 0 0 0	0 108 295 2122 98991481021989139	<u>62 4520 424 28 68157</u>
	44.4	0 0 6	<u>    0    0    0    0   0   </u>	1 270 1658 5283 70781248718170101	22 3795 378 <u>16</u> <b>5</b> 1264
	49.2	0 0 0 0	<u>6 0 6 0 1</u>	18 585 2441 5472 4922 4628 4466 52	81 1076 91 0 28993
	54.0	0 0 0 0	0 0 1 0 24	106 358 1687 5312 3351 2533 1456 4	<u>51 93 39 0 15411</u>
	58.8	0 0 0 0	000658	<u>168 987 1174 1503 1435 839 216 1</u>	76 12 0 0 6574
	<b>63.</b> 6	0 0 0 0	0 0 0 68 226	426 376 262 260 395 408 278 1	35 8 0 0 2842
	68,4	0 0 1 0	0 0 0 24 110	170 99 153 141 220 49 85 6	<u>62 3 0 0 1117</u>
	73.2	0 0 0 0	0 0 0 62	47 33 60 95 37 41 8	1 0 0 0 384
	78.0	1 0 0 0	0 0 0 0 31	0 1 28 24 18 6 0	0 0 0 6 115
	82.8	3 0 0 0	0 0 1 0 6	10 0 0 1 1 0 0	0 0 1 0 23
	87.6	0 0 6 0	0 0 3 0 10	0 8 0 1 14 0 1	

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	TEST	ISTAN(	EFR	OM S	JUR	E	FUFF	RELE	ASE 1	IME	DAT	A ACC	UNULA	TION	INCRE	MEINT					GRO	UND L	EVEL	(1.5 M)
	P6	20	IO ME	TERS			1	130:0	U PSI	-			4.8 5	SECONL	S									
									RELAT	IVE C	ONCEN	TRATI	ON IN	COUN	TS PE	R TEN	SECO	NDS						
	SECONDS AFTER RELEASE	094 094		Е Т б 0	<u>с</u> 98	T 100 <sup>I</sup>	1 102	0 N 5 104	106	F M E 108	R C T 110	) M E 112	R 114	<u>5 0</u> 116 <sup>E</sup>	_U L 118	R E 120	C V 122	E ' 124	D 1 126	E 128	6 R N 130	E 132	E	S CROSSW∎ND SUMS
	92.4	C	)	0	0	0	0		0	0	0	0	0	0	0	0	1	12	0	0	0	0		13
	97.2		)	0	0	0	0	00	0	0	0	0	0	0	0	6		0	0	, <b>0</b> , ,	0	. 0		6
	102.0	C	)	Q	0	. 0	0	.8	. 1	. 0	C	1	0	0	0	1	8	0	0	0	0	0		19
	106.8	C	)	Ũ,	0.	0	1	0,	0	0	0	0	0	6	0	0	0	0	1	0	0	0		8
···	111.6		)	<u>u</u>	0	0	0	0	0	0	0	0	0_	0	0	3	0,	1	0	0	_ <b>0</b>	. 0		4
	116.4	C	)	0	0	0	3	0	0	0	٥	0	0	0	0	0	0	0	0	0	0	0		3
76	AZIMUTH	L	<u> </u>	1	7	12	10	8	18	99	529	953	2829	7771	0481	5315 <sup>7</sup>	8535	6 74149	0679 1	8149	1806	56		301411

	TEST P6	DIS	TANCE 800	E FROM	1 SOUR	CE	PUFF	RELE	ASE T 0 PST	IME	DAT	A ACC	UMULA 4.8 S	TION SECONE	INCRE S	MENT					GRO	UND L	EVEL	(1.5 M)
			-						RELAT	IVE C	ONCEN	TRATI	(0N ∎ •	1 COU	TS PE	R TEN	I SEC	D (DS						
	SECONDS AFTER RELEASE	<u>n</u>	т 094	<u>к</u> 0.96	т 1 1098	<u>т</u> 1 100	102	0 N 5 104	106	E M E 10 <sup>8</sup>	R 0 T 110	i E 112	R 114	5 ( 116 <sup>8</sup>	) U L 118	R E 120	C V 122	ε, Α 1 124	D 126	E 0 128	G R N 1 <sup>3</sup> 0	E 1 <sup>3</sup> 2	E	S CROSSWIND SUMS
				0	۵	0.	0_	0 .	0	0	0	-1	0	u	12	0	0	0	3	1	0	0		16
	77.8		-1	n	n	0	3	1	0	0	0	-1	۵	0	1	D	0	1	0	10	0	0		16
	82.6		-1	0	٥	0_	0	0	۵	٥	0	-1	0	C	0	0	0	ΰ	0	0	0	0		0
	87.4		-1	QQ	0	0	6	Ú	D	0	0	-1	0	0	0	1	0	0	18	0	0	0		25
	92.2		<u>-1</u>	n	0	0	0	<u>0</u>	0	0	.0	-1	0	0	6	0	10	108	16	6	0	0		146
	97.0		-1	3	<u>0</u>	0_	0	0		0	0	-1	0	0	6	0	1	272	81	8	0	0		371
<u></u>	101.8			Q	0	0	0	0	0	1	0	-1	0	8	6	6	89	478	199	3	0	0		790
-77	106.6		<u>-1</u>	0	0	0	<u>3</u>	0	0	<u>0</u>	Q	1	6	116	39	389	512	583	141	12	0	1		1804
	111.4		-1		0	. 0	0	Q	0	Q	0	-1	72	139	316	656	<b>6</b> 26	506	149	0	0	0		2464
	116.2			0	0	0	Q_	υ	0	0	0	-1	97	203	339	581	572	420	201	0	0	0		2413
	121.0		-1	0	0	0	0	0	0	0	0	-1	49	258	387	574	462	258	95	0	0	0		2083
	125.8		1	0	0	0	0	0	0	0	0	-1	45	328	247	583	306	191	51	0	0	0		1751
	130.6		-1	0	0	0	0	0	. 0	0	0	-1	24	289	220	378	143	145	22	3	0	0		1224
	135.4		-1	1	0	0	0	0	0	0	6	-1	0	228	308	170	126	72	0	0	0	0		911
	140.2		-1	Q	0		0	0	0	0	0	-1	14	153	208	116	28	45	0	0	1	0		568
	145.0		1.	0	0	0		00	0	0	0	-1	1	66	64	51	20	3	0	ο	0	0		205
	149.8		_1	0	0	0	0	0	0	0	0	•	0	39	74	20	14	0	0	0	0	0		147
	154.6		-1	0_	0	6	0	0	8	0	0	-1		10	39	12	22	0	0	0	0	0		105

	TEST P6	DIST	TANCE	FROM	I SOUR	CE	PUFF	RELE	ASE T 0_PST	IME	DAT	A ACC	UMUL/	TION Second	INCRI ,S	MENT					GR0	UND LI	EVEL	(1.5 M)
			<b>-</b>						RELAT	IVE C	ONCEN	TRATI	ON II	√ ¢õn <sup>b</sup>	TS Pi	ER TEI	N SEC	ONDS						
	SECONDS AFTER RELEASE	D	0 <u>94</u>	R E	С Т 098	T 10.0	102	0 N 5 104	106	F M E 10 <sup>8</sup>	<u>R</u> C T 110	)⊠ E 112	R 114	5 0 116	U L 118	R E 120	C V 122	E ' A 1 <sup>24</sup>	D 1 126	E 128	G R N 1 <sup>3</sup> 0	E 132	E	S CROSSWIND SUMS
	159.4		-1	0_	<u> </u>	1			0		Q	-1	0	14	0	Û	1	0	0	0	0	0		19
	164.2		-1	0	0	0	Ó	0	0_	0_	Q	-1	Q.	0	0	0	16	3	1	0	0	0		20
	169.0		-1	0	0	0	Q	Û.	0	0	0	-1	0	10	14	14	0	0	0	0	0	0		38
	173.8		-1	0	0	0	0	. 0	0	0	0	-1	1	10	6	3	1	G	Û	0	0	0		21
	178,6		-1	0	0	00	0	0	0	0	0	-1	Q	10	0	0	0	C	1	0	0	0		11
	183.4		-1	0	0	0	0	0	0		. 0	-1	0	Ű	0	0	0	Û	0	0	0	0		0
₽₿ 7							45				,													
<u></u>	AZIMUTH SUMS		0	4	0	10	15	1	8_	1	6	- 0	319	1881	2292	3554	2949	3085	978	43	1	1		15148

0	0	0	0		D		0			٤		C	)		0			0		0	)		0			0		<b>0</b>	0•9	
פ•ז <sup>₩</sup> פַּבָּב	,9 ,∃ ,0 9 ,0 ₩	MS•T	ېم ۲	<b>i</b>	<u>۲</u> ۳	•0T 	.м М	• ۹ آ	a	9 9 90	3	a	<b>۱</b> 2•	τ <del>1,</del> τ	W9 T	•0	•	W.	2•01 5	3	TT E	9 	WC 9	3°	a	WG*1		₩9*0 5 0 <b></b>	ELEASE-	ิย เ
NU	1 1 1	ЕЛ	۰.	3	SQM0	SEC	NBT	а Б	ıs.	r <sub>N</sub> U0	и и С	II N	101	таят м	о СЕИ	) NOC	і з ЛЕ (	/11,	ы ВЕ <b>Г</b> У		1	<b>T</b>			8	1	u 		SUNUJA	'S
	NER	101					ΓN:	SEWE	ION	S <sup>O</sup> NC I NC	ATI SEC	5 8' '10V	• <b>₩</b>	5 <u>4</u> A	TAC	]	~	L M I	Sd 0( I∃S∀:	0:09 3738	773 4 4	₽Uq		30F	s Inos	МО МО	3W ( N ~3	DISTANCE 202	1231 166	 L

0	0	0	τ	0	Ô	0	n	0	τ	0	0	0	0	0	8.28
0	0	0	0	0	6	0	Ó	T	15	0	Û	0	0	£	0 <b>•8</b> 2
0	0	0	0	0	O	0	9 T	55	09	0	0	0	0	0	73.2
0	0	0	0	0	õ	12	S t1	66	611	0	0	0	T	0	ħ•89
0	0	0	0	0	đ	91	891	975	154	0	0	0	0	t	9*29
0	0	τ	0	9	80T	T+S	028 0	L86	1102	0	- 0	-oo	· · · · · · · · · · · · · · · · · · ·	- 0	5.82
0	0	hΤ	6£	35	6HT	QTZ	561	855	165	- 0	0	0	0	U	0 • 17 9
0	2T2	<b>5</b> 4	τ6	ħ9 <b>ĭ</b>	ħτ	512	252	<b>5</b> 85	099	0	. <b>0</b>	Ū	0	0	5.04
15	282	295	875	275	<b>3</b> 6 <u>8</u>	T87	542	075	56T	0	σ	0	0	σ	h • h h
1637	9975	558	454	320	9L	121	68	801	£S	0	0	0	0	0	9.65
555	9581	920	622	415	295	545	۲g	0	01	0	0	0	0	0	8•#£
661	105	452	243	571	ġ	9	0	τ	0	0	0	T	0	0	<b>30.0</b>
0	5	9	8	0	Ö	0	0	0	0	0	0 -	0	σ	0	55.2
0	0	0	0	0	Ó	0	0	0	Ö	0	0	0	0		4•0S
0	0	0	0	0	0	0	0	0	Ō	0	0	0	0	0	9*51
0	0	0	0	0	£	0	0	ξ	0	0	0	0	U	0 -	8.01
0	0	0	0	0	D	0	£	0	0	0	-0	0	0	<b>0</b>	9.0
W2.0T	9•7 <sup>₩</sup> КЕЕ ОИ	I T A 9 3 0 M0.5	₩S•I 2 0 2 7 E A	9•0 т Е Т	₩2•01 ■s N ¥	9•1W B E E C E	원 0 0 원 3 0 원 7 0	Wg•1   + 1   S	W8.0 1 E B O	W2 • 01 s N	6 I 1 7 I 0 7 I 0	2°0₩ D E C 8 E C	Wg•1 9 6 I 0	₩8 <b>*</b> 0	SECONDS RETER SECONDS

	,TEST <b>P6</b>	DISTANCE	FROM SOU	JRCE	PUFF REL 1130;	EASE TIP,;: 00 PST	DATA	ACCUMUL 4.8	ATION IN Seconds	CREMENT						
						BELATIVE	CONCENT	RATION I	N COUNTS	S PER TEN	SECO NDS					
	SECONDS AFTER RELEASE	0 9 0.8M	D R 8 D 1,5M	E C E G 3.0M	I 0 R E E 6.11	N F S 10.7M	R 0_ 1 1 0.8M	5 0 4 D 1∙5⊪	U, K E G 3.0	C E R E E 6.1 <sub>M</sub>	А N U Sж 10.7М	E L 1 3 0.8M	Е V 0 D 1.5м	A T I E G 3₊0m	0 N R E E 6.1M	S 10.7⋈
	92.4	o	0	0	0	Q	0	Û	v	Ű	ij	0	0	0	0	0
	97,2	0	0	0	0	C	0	0	u	0	٥	0	ti	0	0	0
	102.0	0	0	0	0	Ģ	0	Ú	ũ	Ú	0	0	0	0	0	0
	106.8	0	0	0	0	0	0	Ű	J	υ	Э	0	0	0	0	0
	111.6	0	0	0	0	00	0	<u> </u>	U	0	Q	0	0	0	0	0
<b>.</b>	116+4	Q	0	0			0	O	ý	0	0	0	Û	0	0	0
B-80	SUMS	4	7_	1	. 0	1	3068	2829	2315	1862	1284	1554	1806	2556	6283	21 <sup>8</sup> 1

~ * *	TEST P6	DISTANC	E FROM SO METERS	DURCE	PUFF REL 1130	EASE TIME 100 PST	E DATA	ACCUMULA 4.8 S	ATION I Seconds	NCREMENT			ТОй	/ER		
						RELATIVE	E CONCENTI	RATION IN		S PER TE	N SECONDS					
	SECONDS AFTER RELEASE	0 D.8M	D I F 9 8 [ 1.5%	R <u>EC</u> DEG 4.6M	T I O R E E 10.7M	N F S 21.3M	R 0 M 1 1 0.8M	S 0 4 D 1.5M	U R E G 4.6 <sub>M</sub>	C E R E E 10•7 <sub>M</sub>	A N D S 21.3M	E L 1 3 0.8M	E V 0 c 1.5m	A T I D E G 4.6M	0 N R E E 10.7 <sub>M</sub>	<u>с</u> 21.3м
	73.0	0	0	Ω		0	0	D	0	0	8	٥	Q	0	0	0
	77.8	00		0	O	00	0	0			٥	, D.		0	0,.	0
	82.6		0	0	0	Q	0	0		0	g	0	0	0	0	0
	87.4	<b>.</b>		Q	0	0	0	0		0	Ŕ	0	0	. 0	0	0
<b></b>	92.2	0	0	0	0	0	0	0	0_	<u> </u>	<u> </u>	0	0		0	8
		Q.		<u>0</u>		Q	0	0		Q	<b>Q</b>			6	.6	12
ω	тот'я	0	0	0	0	0	0	0	0	0	8	0	Ö	0	0.	0
18	106.6	<u> </u>	Q	0	n	۵	0	— 8	41	99	76	0	_ Q.	٥	14	0
	111.4	۵	0	0	Q	Q	<b>51</b>	72	78	128	76	3	0	0	0	3
	116.2	1	0	0	0	Q	83	9T	85	<b>TT</b> 0	118	6	0	0	0	0
	121.0	<u> </u>		0	0	0	SE	119	91		39	0	0	3	_ 1	0
	125.8	Q	_ Q	0	0	0	3 <u>9</u>	45	43	6	19	0	0	1	0	0
	130.6	0	0	0	0	0	SE	24	28	24	6	0	0	0	0	0
-	135.4	0	0	0	0	0	0	0	6	16	3	Я	0	0_		0
	140.2	0	0	0	0	0	0	14	3	0	ĝ	0	T	0	0	0
	145.0	0	Û	0	0	0	0	1	1	14	В	0	0	0	0	0
	149,8	0	0	0	0		8	0	8	1	8	0	.0	.0	0_	0
	154.6			0	0	Q	26	8		0		Q	0	. 0	0.,	0

	TEST	DISTANCE	FROM SO	URCE	PUFF REL	EASE TIME	E DATA	ACCUMUL	ATION I	NCREMENT			TOW	ER		
-	<u> </u>	000			1100,					S PER TEN						
	SECONDS AFTER RELEASE	0 9 0.8M	D I R 8 D 1.5M	E C E G 4.6M	T I O R E E 10.7M	N F S 21.3M	<u>R O M</u> 1 1 0.8M	<u>5</u> 0 4 D 1.5M	<u>U R</u> E G 4	<u>C E</u> R E E 10.7M	A N D 5	EL 13 0.8M	E V 0 D 1.5M	A T I E G 4,6M	0 N R E E 10.7M	5 21.3M
	159,4	0	0	0	0	<u>0</u>	10	0	Q.	0	9		0	0_	0 .	0
	164.2	0	0	0	0	0	0	0	0	0	<u> </u>	0	0	00	0	0
	169.0	. 0		1	0	0	0	0	1	1.		1	. 0.,	0,	0	0
	173.8	0	0	0	0	0	0	1		0	۵		.0	0.	0	0
·	178.6	0	0	00	0	0	0	00	0	00		0	0	0	0	0
	183.4	0		0	0	0	1	0	0	0		0	0	0	0	0
ы																
¥ 2	SUMS	1	0	1	0	0	306	319	388	498	36 <u>6</u>	<u>13</u>	1	10	21	23

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	TEST P7	DIS	<b>TANCI</b> 200	E FROM	Souf RS	RCE	PUFF 1	RELE	EASE 30 PS	TIKE T	DA	TA AC	CUMUL 4.8	ATION SECON	INCRE DS	EMENT			•••		_ GRO	UND- L	EVEL	(1.5 AT
									RELA	TIVE	CONCE	ENTRAT	ION II	N COU	NTS PI	ER TEI	N SECO	ONDS						
	SECONDS AFTER RELEASE	D	∎ 094	R E A 096	С Т 098	T 100	I 102	0   5 104	N 106	Р М 108	R ( E T 110	О <u> </u>	R 114	5 ( 116	5 U E L 118	- E 120	C V 122	L, A T 124	D I 126	E 0 128	G R N 130	E 132	E	S CRWSWIND SUMS
	52.0		Ũ	12	0	26	0	6	12	235	4266	11524	20439	7593	1447	637	239	0	0	0	0	0		46436
	56.8		0	8	0	45	0	20	0	216	3314	13078	20635	12318	2410	1460	578	31	0	6	0	0		54119
	61.6		0	0	0	20	0	18	10	389	1453	8293	20735	97 <u>6</u> 8	5697	2683	1010	89	10	0	0	0		50175
	66.4		0	0	0	0	0	28	1195	2156	4847	8801	15618	6674	4943	1966	501	18	0	0	0	0		46747
	71.2		0	0	0	3	0	203	1237	2518	5187	10831	10435	3124	3564	2060	308	26	0	0	0	0		39496
	76.0		0	0	0	8	0	116	560	2449	6137	6816	6943	3151	2143	468	81	14	0	0	0	0		28886
B)	80.8		. 0	0	0	0	0	3	110	649	3135	2966	4364	1874	1026	493	141	74	3	0	0	0		1483
- 83	85.6		0	0	0	0	0	0	24	58	1135	3349	1824	1978	876	181	33	14	0	0	0	0		9472
	90.4		0	0	0	0	0	0	22	76	560	972	874	816	412	364	62	0	0	0	0	0		4158
	95.2		0	0	6	0	0	0	0	106	441	270	181	253	183	228	31	8	0	0	0	0		1707
	100.0		0	0	0	0	0	0	0	24	164	153	126	106	153	116	10	3	0	0	0	0		855
	104.8		0	0	0	0	0	0	0	0	70	56	58	78	62	0	0	3	12	0	1	0		340
	109.6		0	0	1	0	1	0	0	0	35	6	24	31	28	0	0	0	0	0	0	0		126
	114.4		0	0	0	0	0	0	0	0	16	16	20	22	14	0	0	22	3	0	0	3		116
	119.2		3	0	1	0	0	0	0	0	3	6	0	18	12	6	0	0	0	0	0	0		49
	124.0		. 0	0	0	0	0	0	3	0	0	0	10	10	٥	6	0	8	3	0	1	0		41
	128.8		0	0	0	0	0	0	0	0	8	6	1	14	1	0	0	0	0	0	0	0		30
	133.6		0	0	0	0	0	0	0	0	6	0	0	10	0	1	0	0	0	0	0	0		17

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	TEST P7	DI	STANCE 200	FROM	SOUR RS	RCE	PUFF 1	RELE	ASE T 0 pst	IME	ĎAT	A ACC	UMULA <b>4.8</b> S	TION	INCRE S	MENT					GRO	UND LE	EVEL	(1.5 M)
									RELA	TIVE C	ONCEN	ITRATI	ONIN	COUN	TS PE	R TEN	I SECO	NDS						
	SECONCS AFTER RELEASE	D	∎ 094	R E 096	C T 098	T 100	∎ 10 <sup>2</sup>	0 N 5 104	1 106	м Е 108	R 0 110	M E 112	R 114	S 0 E 116	U L 118	R E 120	с V 122	E, A T 124	D I 126	E ( 0 128	G R N 130	E 132	E	S CRGSSWIND SUPS
	138.4		0	0	0	0	0	0	0	0	0	1	14	16	0	0	0	0	0	0	0	0		31
	143.2		0	0	0	٥	0	0	0	0	0	0	C	14	3	0	0	0	0	0	0	0		17
	148.0		1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	0		7
	152.8		0	1	0	0	0	0	0	0	10	0	6	1	6	0	0	0	0	0	1	. 0		25
	157.6		0	0	0	0	0	0	0	0	. 3	24	3	0	1	0	0	0	0	0	0	0		31
	162.4		1	0	O	0	0	0	0	0	0	0	0	<b>1</b>	1	0	3	0	0	0	0	0		6
щ	167.2		0	0	0	0	0	0	0	0	0	0	0	0	1	0	. 0	0	0	0	0	3		4
3-84	172.0		3	0	0	0	3	0	3	0_	0	0	0	0	0	3	0	0	0	0	0	0		12
	176.8		0	0	0	0	6	0	0	0	6	0	0	1	0	. 0	0	0	0	0	0	0		13
	181.6		0	0	0	0	0	0	0	0	0	8	12	0	1	0	0	0	0	0	0	0		21
	186.4		0	0	1	0	0	0	0	<b>.</b>	0		18	1	0	0	0	0	0	0	0	0	· · · ·	20
	191.2		0	0	1	0	0	6	0	0	<b>.</b> 0	0	0		3	1	0	0	0		0			14
	<b>196.</b> 0		0	0	0	0	0	0	0	0	0	0	. 0	1	0	0	0	0	0	0	0	1		2
	200.8		0	0	0	0	0	0	0	0	0	0	6	0	0	0	6	0	0	Ó	0	0		12
	205.6		0	0	0	0	0	0	0	0	3	. 1	3	. <b>1</b> .	0	0	0	0	0	0	. 0	0		8
	210.4		0	0	0	0	1	, , <b>0</b>	. O	0	0	. 3	0	0	0	0	0	0	0	0	0	0		4
	215.2		0	0	0	0	. 3	0	3	0	1	0	0	0	0	0	0	1	0	0	0	0		<u></u>
	AZIMUTI SUWS	н	8	21	10	102	14	400	3179	8879	30800 6	10 7180	)2349 4	78 <b>77</b> 2	2987	10673	3003	311	31	9	3	7		297843

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TEST P7	DIST	TANCE 800	E FROM METE	SOUR RS	CE	PUFF 1	RELE	ASE T 0 PST	IME	DAT	A ACC	UMULA 4.8 S	TION ECOND	INCRE S	MENT					GR0	UND L	EVEL	(1.5 M)
								RELAT	IVE C	ONCEN	TRATI	N IN	COUN	TS PE	RTEN	SEC	ONDS						
SECONDS AFTER RELEASE	e	<u>I</u> 094	<b>R E</b> A 096	<b>C</b> 7 098	1001	I 102	ε N 5 104	T06	м е тоз	R 0 110	Е 112	R 114	5 0 116	U L 118	R E 120	C V 122	E , A T 124	D 126	E 0 128	G R N 130	E 132	E	S CROSSWIND w p \ ~
<b>148</b> ,0		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0		2
152.8		-1	0	0	0	6	0	0	0	0	6	Û	0	0	0	6	0	0	0	0	0		18
157.6		-1	0	0	0	0	0	1	0	0	0	0	1	0	C	3	0	0	Û	0	0		S
162.4		-1	0	0	0	0	1	0	0	0	0	0	0	0	0	12	0	0	0	1	1		15
167.2		-1	0	0	0	0	1	0	0	0	16	0	0	0	0	12	0	6	3	C	0		АЕ
172.0		-1	_ 	0	0	3	T	0	C	0	3	22	0	39	147	47	37	0	0	0	0		OOE
176.8		-1	0	D	0	0	0	o	0	0	10	43	0	0	233	203	10	1	0	٥	0		500
<u>%</u> 181.6		-1	0	0	0	0	0	0	0	6	28	<b>7</b> 6	93	12	243	195	85	0	0	0	0		738
186.4		T	1	0	0	0	0	D	0	0	Ξ9	٦6	T06	39	235	191	103	0	0	0	0		790
191.2		-1	0	0	0	14	0	0	0	0	33	97	85	ОГ	189	166	91	0	0	0	0		745
196.0		-1	0	0	0	Э	0	0	1	0	20	124	89	83	149	110	122	0	0	0	0		701
200.8		-1	0	0	0	0	1	0	3	3	62	158	151	68	189	70	139	28	8	0	0		880
205.6		-1	0	0	0	0	0	0	0	0	12	89	164	66	139	53	68	0	0	0	0		591
210.4		-1	0	0	0	0	1	0	0	0	16	114	116	64	112	62	62	6	0	0	0		SSE
215.2		-1	0	0	0	0	T	0	0	ТО	0	51	74	31	66	62	14	0	0	0	0		309
220.0		-1	0	0	0	0	0	1	0	6	10	10	108	47	53	18	3	0	0	0	0		ZS6
224.8		-1	0	0	0	0	0	0	0	18	10	10	74	83	37	16	0	0	0	0	0		248
229,6		-1	0	0	0	1	0		0	1	6	3	68	24	33	8	10	0	0	0	0		154

	TEST P7	DI	STANC 80	E FROM 0 Mete	ERS	CE -	PUFF	RELE	ASE 1 0 ps1	ГІМЕ Г	DAT	A ACC	UMULA 4.8 S	TION	INCRE S	EMENT					GRO	UND L	EVEL	(1.5 M)
									RELA	TIVE C	ONCEN	TRATI	01 10	I COUN	TS PE	R TEN	SECO	כטא						
	SECONDS AFTER RELEASE	D	∎ 094	R E A 096	E C T 098	T ~~ <b>1</b> 100	102	0 N 5 104	106	F M E 108	R ( T 110	) M E 112	R 114	S 0 5 116	U L 118	R E 120	C V 122	E , A T 124	D I 126	E 0 128	G R N <b>130</b>	E 132	E	S CROSSWIND SUMS
	234.4		1	3	1	0	0	1	0	0	0	0	<b>1</b> C	35	28	22	14	0	0	0	0	0		114
	239.2		-1	0	0	0	0	16	C	8	1	0	Û	18	12	35	14	0	0	0	0	0		104
	244.0		-1	0	0	0	0	0	0	0	0	0	0	37	26	14	0	0	0	0	0	0		77
	248.8		-1	0	0	D	0	0	6	0	0	0	0	37	0	18	0	0	0	0	0	0		61
	253.6		-1			0	0	0	0	0	0	0	1	22	0	14	0	6	0	0	0	0		43
	258.4		-1	0	0	6	1	0	0	0	0	0	3	6	0	б	0	0	0	6	0	0		28
<del>س</del> ا `	263.2		-1	0	1	0	0	0	0	0	0	0	3	1	0	0	0	0	0	3	0	3		11
- 8 6	268.0		-1	0	0	1	1	0	0	1	0	0	0	0	6	Û	0	8	0	0	0	0		17
	272.8		-1	0	0	0	0	0	0	0	0	0	14	1	10	1	0	0	0	Û	0	0		26
	277.6		-1	0	0	0	0	0	0	0	0	1	C	0	8	0	0	0	0	0	0	0		9
	282.4		-1	0	8	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0		10
	287.2		-1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		1
-	AZIMUTH SUMS	ł	0	5	10	7	29	23	9	13	45	272	905	1286	717	1936	1262	759	41	20	1	4		7344

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	P7	DISTANCE 200	FROM SOU PETERS	IRCE	PUFF REL 1052:	EASE TIME 30 PST	DAT	A ACCUMU 4.8	SECONDS	NCREMENT			TOW	ER			
						RELATIVE	CONCEN	TRATION	IN COUNT	S PER TEN	I SECONDS						
-	SECONDS AFTER RELEASE	0 9 0.8M	DIR 8 D 1.5M	E C E G 3.0M	T I O R E E 6.1M	N F S 10.7M	R O I 1 J.8M	M S I 4 1.5⊮	OUR DEG 3.0M	C E R E E 6.1)	A N 3 S 10.7M	E L 1 3 0.8⊬	E V 0 D 1.5M	A T I E G 3.0M	O N R E E 6.1M	5 10,7M	
	52.0	0	0	0	0	12	19393	20439	20078	18566	11422	414	0	453	564	0	
	56.8	0	0	0	0	22	23039	20635	21476	22720	1207ఫ	641	0	687	910	0	
	61.6	0	0	0	0	26	23341	20735	20774	7589	697	324	0	253	36R	0	
	66.4	0	0	0	0	20	17597	15618	15383	5926	1347	216	0	172	26 <sup>°</sup> J	0	
-	71.2	0	0	0	0	10	12878	10435	7370	2356	489	85	0	31	91	0	
	76.0	0	0	0	0	8	8762	6943	4185	<b>17</b> 28	231	26	0	16	14	0	
<b>∞</b>	80.8	0	0	0	0	0	4545	4364	3620	662	110	0	0	0	8	0	
- 84	85.6	0	0	3	0	0	2376	1824	647	131	31	1	0	3	3	0	
	90.4	0	0	0	0	0	1153	874	531	235	33	0	0	0	0	1	
	95.2	0	6		0	0	212	18	49	0	14	0	0	0	0	C	
•	100.0	3	0	0	0	0	122	126	47	6	0	6	0	0	0	12	
	104.8	0		0	0	0	87	58	43	22	. 0	0	1	0	0	0	
	109.6	0	1	0	O <sub></sub>	0	26	24	22	0	0	0	0	0	0	0	
	114.4	0	0	0	0	0	49	20	. 8	1	0	0	0	L	0	0	
	119.2	0	1	0	1	3	0	0	0	0	3	0	0	0	10	3	
	124.0	0	0	0	0	0	8	10	0	0	0	0	1	0	0	0	
	128.8	0	0	0	0	8	. 0	1	1	0	3	0	0	0	0	0	
	133.6	<u>,</u> 0	0	1	0	0	1		0	0	0	0	0	0	0	0	

TEST P7	DISTANCE 200	FROM SOU METERS	RCE	PUFF REL 1052:	EASE TIM	E DAT	A ACCUMUI 4.8	SECONCS	NCREMENT						
					RELATIV	E CONCEN	TRATION	IN COUNT	S PER TEN	SECONCS					
SECONDS AFTER RELEASE	0 9 0.8M	D ∎ R - 8 D 1.5M	E C E G 3.0M	T I O R E E 6.1M	N F S 10,7M	R 0 1 0.8M	M S 1 4 1.5M	0 U R D E G 3.0M	C E R E E 6,1M	A N D S 10.7M	E L 1 3 0.8M	E V 0 D 1.5M	A T I E G 3.0M	O N R E E 6,1M	S 10.7M
138.4	0	0	0	0	0	0	14	1	Û	12	0	0	0	0	
143.2	00	0	1	0	0	10	C	1	1	0	Û	0	0	0	
148.0	0	0	1	0	0	1	Û	1	0	0	0	0	0	3	
152.8	0	0	0	0	1	0	6	0	0	0	0	1	0	0	
157.6	0	_ 0	0	0	0	6	3	6	0	10	0	0	0	0	
162.4	0	0	0	0	8	0	υ	0	0	C	0	0	1	6	
167.2	0	0	0	0	0	8	U	1	0	1	D	D	о	3	
<u><u></u> 172.0</u>	0	0	0	0	0	10	0	0	1	0	0	0	0	C	
176.8	0	0	0	0	0	0	υ	0	6	16	0	0	0	0	
181.6	0	0	0	0	0	0	12	0	1	3	0	0	0	0	
186•4	0	_ 1	0	0	0	C	18	0	1	3	0	0	0	0	
191.2	0	1	0	6	0	0	Û	1	Û	1	0	0	0	0	
196.0	0	0	0	0	0	3	0	0	0	لا	C	0	0	0	
200.8	0	0	0	3	0	1	6	0	0	0	0	0	e	0	
205.6	0	0	0	0	0	0	3	0	Ũ	3	0	0	0	8	
210.4	0	0	0	6	0	0	C	0	0	0	G	0	0	0	
215.2	0	0	0	0	3	0	0	0	C	0	0	0	0	0	
SUMS	3	10	6	16	121	113628	102349	94245	59952	26515	1713	3	1614	2248	23

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	TEST P7	DISTANCE 800	FROM SOL METERS	URCE	PUFF REL 1052:	EASE TIME 30 PST	E DÁTA	ACCUMUL)	ATION I SECONDS	NCREMENT			TOWE	ĒR		
						RELATIVE	CONCENT	RATION I	COUNT	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	D I R 8 D 1.5M	E C E G 4.6M	T I O R E E 10.7M	N F S 21.3M	R 0 M 1 1 0.8M	S 0 4 D 1.5M	U R E G 4.6M	C E R E E 10.7™	A N D S 21.3M	E L 1 3 0.8M	E V / 0 D 1.5M	аті Е G 4.6M	0 N R E E 10.7M	5 21,3M
	148.0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
	152.8	0	0	0	0	1	0	0	1	3	0	0	0	0	0	1
	157.6	0	0	0	0	6	0	0	0	. 0	0		0	0	0	3
	162.4	0	0	0	0	0	C	0	0	6	49	0	1	0	0	0
	167.2	0	0	0	0	0	6	0		128	339	0	0	0	0	C
	172.0	. 0	0	0	0	1	8	22	81	87	45	0	0	1	. 0 .	1
<del>تن</del>	176.8	0	0	0	0	0	62	43	74	116	10	0	0	0	3	0
- 89	181.6		0	0	0	0	81	76	39	3	0	0	0	0	0	0
	186.4	0	0	Q	3	0	99	76	49	28	37	0	0	0	0	0
	191.2	0	0	0	0	0	122	דפ	120	26	0	10	0	0	0	0
	196.0	0	0	O	0	0	TZO	IZ4	122	87	50	0	0	0	0	0
	200.8	. 0	0	0	0	0	149	158	139	89	12	0	0	0	1	0
	205.6	0	0	C	0	0	147	89	60	0	28	Ū	0	0	0	0
	210.4	0	0	0	0	0	143	114	49	10	0	10	0	0	0	
	215.2	0	0	0	0	0	58	51	12	16	18	1	0	0	0	0
	220.0	0	0	0	O	0	6	<b>1</b> 0	6	0	0	0	0	0	0	0
	224.8	3	0	0	0	3	10	10	10	3	0	0	0	0	0	0
	229.6	0	0	0	0	0	6	3	0	10	14	0	0	0	0	0

TEST P7	CISTANCE 800	FROV SOU METERS	IRCE	PUFF REL 1052:	EASE TIME 30 PST	DATA	ACCUMUL 4.8	ATION I SECONDS	NCREMENT			TOW	ER <sup>-</sup>		
					RELATIVE	CONCENT	RATION I	N COUNT	S PER TEN	SECONDS					
SECONDS AFTER RELEASE	0 9 0.8M	D ∎ 8 D 1.5M	R E E G 4.6M	C T ∎ R E E 10.7⋈	0 FN 5 21.3M	B0_M 11 0.8M	S O 4 D 1.5M	U R E G 4.6M	C E R E E 10,7M	A N D 5 21.3M	E L 1 3 0.8M	E V 0 D 1,5M	ATI EG 4.6M	O N R E E 10.7M	5 21.3M
234.4	0	1	0	1	0	8	10	6	0	8	0	0	0	0	0
239,2	0	0	0	. 0	0	18	0	8	0	0	0	0	0	1	0
244.0	6	0	0	0	0	0	0	. 0	0	12	0	0	0	0	6
248.8	0	0	0	0	0	12	0	0	0	3	0	0	0	0	0
253.6	0	O	0	0	0	22	1	0	0	0	10	0	0	0	0
258.4	0	0	0	1	0	0	3	1	0	0	0	0	0	0	0
263.2	0	1	1	0	O	20	3	3	10	0	0	0	0	0	0
268.0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	D
272.8	0	0	0	0	0	14	14	0	0	1	0	0	0	0	0
277.6	1	0	0	0	0	6	0	0	0	0	12	0	0	0	0
282.4	0	8	0	0	0	6	1	6	0	0	0	0	0	0	0
287.2	0	0	0	0	0	0	0	, <b>0</b> ,	0	0	0	0	0	0	0
SUMS	10	10	1	5	11	1123	905	786	622	638	54	1	1	11	11

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## DISTANCE FROM SOURCE TEST PUFF RELEASE TIME DATA ACCUMULATION INCREMENT GROUND LEVEL (1.5 M) P8 200 METERS 0602:00 PST 4.8 SECONDS RELATIVE CONCENTRATION IN COUNTS PER TEN SECONDS F SECONDS\_\_D 0 Э F E E S G CROSSWIND SUMS T 1 5 M E T E R E L E V A T I O N 098 100 102 104 106 108 110 112 114 116 118 120 122 124 126 128 130 132 AFTER <sub>0</sub>96 RELEASE n94 .59.0 n 0 0 3 63.8 n 0 1 10 n n n 0 0 0 0 0 0 0 0 0 14 68.6 <u>0 0 0 0 0 0 0 0 1 6 0 1 0</u> 3 0 11 0 0 0 Q 0 0 1 0 0 0 0 0 0 0 0 9 73.4 0 0 0 8 0 2 78.2 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 83.0 8 3 D 0 0 0 0 0 0 0 0 0 3 0 1 1 0 0 0 0 0 87.8 7 0 0 0 0 0 0 0 0 3 0 3 0 0 1 0 0 0 0 1717 n 0 0 6 1 n n 1 3 1522 1 0 149 28 3 3 0 0 0 92.6 97.4 0 1 0 0 0 0 3 58 26 2908 108 187 316 158 101 0 0 0 0 3866 0 0 0 0 0 1 87 193 2293 2512 1676 447 518 303 102.2 10 35 ۵ 0 ۵ 8075 107.0 0 0 0 18 0 0 1 74 1939 3647 4312 7012 3920 781 597 164 35 22500 0 0 <u>111.8</u> 0 <u>3 0 10 0 0 24 431 983 4139 453311870 6187 1066 424</u> 170 87 29927 0 0 0 14 0 0 6 364 376 1281 5645 660312618 4222 1006 283 122 70 0 32610 116.6 ۵ 121,4 0 0 0 0 0 6 3 256 483 1285 40411071613616 4137 1181 310 93 35 0 0 36162 <u>126,2</u> 0 <u>3</u> 0 <u>8</u> 0 <u>0</u> <u>60</u> <u>451</u> <u>1160</u> <u>39641341210664</u> <u>2610</u> <u>2081</u> 34924 410 83 18 0 0 131.0 0 8 0 20 0 0 49 314 1053 564511624 9137 4028 1856 443 74 18 ۵ 0 34269 135.8 0 0 0 10 0 0 3 53 301 1741 72661302012460 4381 2118 470 41887 43 18 Q \_\_\_ 3

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42019

140.6 0 0 0 22 0 0 0 28 166 1918 69371403712643 3981 1539 587 147

	TEST P8	DIST,	A 4CE 200	FROM METER	รงปล หร	ĉΕ	₽UFF U	RELF	'AS≥ I0 PS	TIM <u>E</u> T	DAT	TA AC	CUMUL 4∎3	ATION SEÇON	INCR DS	EMENT					GROU	IND LI	(1.5 M)	
									RELA	<u>TIVE</u> C	ONCEN	TRAT	ION I	N COU	NȚS PI	ER TE	N SEC	0 (DS						
	SECONDS AFTER RELEASE	D i	I   094	Α 096	с Т 098	T 1 190	1 102	0 5 104	100	F M 108	R C 5 T 110	) <u>M</u> E 112	R 114	<u>s</u>	0 U <u>-</u> 118	R E 1 <sup>2</sup> 0	C V 122	E / A 124	D 126	E 0 128	g R N 130	E 1 <sup>3</sup> 2	E	S CROSSWIND SUMS
	145.4		0	1	0	0	1	0	p	33	81	1351	7047	14251	13451	6214	1835	503	28	8	0	0		448 <sub>0</sub> 4
	150.2	<b>_</b>	Q	<u>0</u>	0	28	Q	Ú.	0	18	70	726	6249	15826	<u>1</u> 4462	13964	7281	1064	72	16	0_	Ņ		59776
	155.0		0	0	3	6	0	1	. 0	20	49	1208	10285	14695	18360	12516	9018	472	91	12	0	0		66736
	159.8		0	1	0	18			0	. 8	53	1062	8622	15728	18060	12951	7237	795	343	22	0	0		64900
	164.6	·	0	0	0	0	0	0	Q	0	39	749	4614	16335	17710	13101	7841	2316	1197	83	0	.0		63985
	169.4		0	3	0	0	Q	0	0	8	26	643	4397	15076	18891	17495	8316	2941	560	93	0	0		68449
B	174.2		1	0	Û	6	0	a	1	0	45	537	3866	13976	15308	14687	10824	5,210	841	145	0	0		65449
92	179.0		0	0	0	0	0	0	0	14	26	435	3758	9858	11751	16537	11535	6047	1143	126	28	0		61258
	183.8		0	Û	0	0	3	0	0	6	6	<b>21</b> 2	3624	7853	11616	14433	13124	<u>3</u> 953	897	160	22	0		559 <sub>0</sub> 9
	188.6		0	Ũ	0	0	0	0	0	1	14	251	2206	5451	10856	13031	13439	5758	876	147	58	3		52091
	193.4		Q	<u>.</u>	1	0	0	0	Ç	0	10	368	416	2199	10449	13053	12193	6095	618	324	51	6		45783
	198.2		Û	, U	0	3	0	0	. 1	. 0	. 0	418	403	3760	7118	12008	12431	<b>5</b> 581	720	251	26	0		42720
	203.0		6	Ũ	1	0	0	0	Û	0	8	74	443	1949	7056	10760	11208	6431	1293	226	41	0		39496
	207.5		0	1	0	0_	0	0	0	0	0	3	303	1460	60 <b>78</b>	10539	8916	<b>7</b> 728	2078	399	26	0		37531
	212.6		8	Ú	0	3	0	0	0	. 0	0	39	253	1483	6566	7845	4783	6589	1756	610	31	0		29966
	217.4		1	в	0	0	0	0	Ũ	0	0	24	212	2074	4197	3241	5766	5164	3045	1045	47	14		24838
	222.2		0	0	0	0	0	0	0	0	0	0	49	1601	2612	5026	4522	5551	1781	1185	58	0		22385
	227.0		0	0	3	0	1	Û	0	0	0	0	95	1487	1464	2362	2114	<b>4</b> 472	2108	939	131	8		15184

TEST 	DISTANC	CE F	ROM	SOUR S	CE	PUFF (	PUFF RELEASE TIME DATA ACCUMULATION INCR 0602:00 PST 4.D SECONDS													GRO	UND LI	(1.5 M)	
								RELAT	IVE C	ONCEN	TRATI	ON IN	4 COU,	TS P	ER 1EI	SEC	DADS						
SECON AFTEL RELEA	05 D I R SE 094	R	Е А 96	с Т 098	T 100	1 10 <sup>2</sup>	0 N 5 104	106	F <sup>4</sup> E 10 <sup>8</sup>	R 0 T 110	M E 112	R 114	S ( 116	0 U - L 118	R E 120	C V 122	E A 124	T I 126	E 0 128	G R N 1 <sup>3</sup> 0	E 132	Ε	S CROSSWINE SUMS
231.	80	)		12	۵	0	0	0	0	0	0	95	664	1320	2733	2358	4678	1841	495	135	6		14337
236.	60	)	0	0	0_	0	0_	3	<u>0</u>	0	0	45	118	381	1522	2391	3843	2637	897	106	1		12444
241.	40	1	0	0	Q	0	0	O	<u>0</u>	1	Ũ	31	85	622	2166	1522	3001	1801	1474	128	14		10845
246.	21	L	D	0	Q	0.	0	D.	0	0	0	22	168	637	1083	1303	3310	1533	1395	281	16		9749
251.	<u>0                                    </u>	1	0	0	0	0	0	0	0	0	<u> </u>	18	197	55 <b>3</b>	245	797	2449	1489	922	191	53		6914
255.	80	)		0	6	0		Ç	0	0	1	12	128	<b>7</b> 28	268	1408	2789	1916	787	158	68		8269
<u>.</u>	60	)	0	0	0	0		0	0	0	1	24	93	391	170	1295	1589	1497	822	189	56		6127
ຜ 265.	4	1	0	0	0	10	0	00	3	0	6	8	ą7	<del>9</del> 1	260	951	1718	88 <b>3</b>	8 <b>62</b>	214	108		5201
270.	2C	J	0	۵	Q	0		û	1	0	22	6	49	114	335	826	1891	1562	53 <u>1</u>	203	64		5604
275.	00	)		0	1	1	0	1	0	0	0	υ	47	131	187	914	1716	1364	616	281	58		53 <sub>1</sub> 7
279.	80	)	0	0	0	6	1	<u>0</u>	0	0	0	0	74	128	408	803	1639	1168	353	216	12		4808
284.	60	}	0	Q	0	0	1.	0.		0	. 0	0	47	149	231	839	745	1110	414	224	28		3788
289.	40	}	Q	. Q	0	0	0		3.	_ 0	0	14	37	58	195	547	503	1101	185	187	26		2856
294,	20	)	0	0	0	0	1	0	6	0	<b>D</b>	. 10	10	62	231	662	301	456	308	189	39		2275
299.	00	}	0	0	1	0		a	0 .	. 0.	3	10	18	85	195	203	399	508	262	149	39		1872
303.	81	L	0	0	Q	Q	0		0	0	0	6	12	51	108	174	418	293	183	95	81		1422
308.	60	)	0	0	0	0	0	0	8	0_	0	0	51	56	153	<b>2</b> 08	224	187	78	70	45		1080
313.	40	)	0	0	0	0	0_	0	0	1	, O ,,	10	0	33	99	193	337	218	149	39	26		1105
AZIM	UTH 31			20		38		18		3173	10	5161	2	3979	1	82110		41946		<b>3</b> 585			
	MS	_	30	_	<u>176</u>		11		968	1	9727	22	27030	2	44731	1	12152		16619		774		1253285

	TEST P8	DIS	TANC 20	E FRO 0 MET	M SOU ERS	RCE	FUF	FUFF RELEASE TIME DATA ACCUMULATION INCREMENT 0602:00 PST 4.8 SECONDS													GROUND LEVEL (1.5 M)					
		RELATIVE CONCENTRATION IN COUNTS PER TEN SECONDS																								
	SECONDS AFTER RELEASE	<b></b> D	I 094	R 096	E ( T 0.98	T 100	1 102	01 5 104	106 L	E M E 108	R 0 T 110	ы Е 112	R 114	5 0 116 <sup>6</sup>	U L 11 <sup>8</sup>	R 120	C V 122	ε, Α <sub>124</sub> Τ	D 126	E 0 128	G R N 130	E 1 <sup>3</sup> 2	Ε	S CROSSWIND SUMS		
	359 <b>.</b> û		. 0	0		۵۵	0	0	0	۵	0	1	6	18	33	24	72	37	28	6	12	8		245		
·	363,8		0	0	C	0	0	0	1	0	0	0	Ũ	8	28	18	31	43	22	14	12	6		183		
	368.6		0	0	C	0	10	. 0	υ	0	0	С	1	б	20	31	20	14	16	1	0	0		119		
	373.4		Q	0		Q	0	<b>Q</b>	0	0	0	0	6	ö	6	22	37	12	35	16	12	14		168		
1	378.2		0	0	1	0	0	0_	0	0	Q	Q	. 0	37	10	18	22	18	6	3	8	0		123		
	383.0		0		<u>.</u>	0			0	Ū,	0	. ə	0	Û	31	16	24	26	12	0	1	٥		111		
	387.8		3	0	C	O	0	0	. O	3	0	0	Ũ	1	10	10	20	33	1	8	12	0		101		
94	392.6		0	0	0	0	0	1	<u>e</u>	<u> </u>	0	. 0	Q	16	0	10	31	14	0	6	28	3		109		
	397.4		Q.				0		۵.	o	0	0	0	8	0	20	16	8	8	3	0	0		63		
-	402.2		. 0	0		0	0		6	ŋ	0	0	10	1	0	16	18	10	0	6	Û	0		61		
	407.0		Q	0	0	0	0	<u>0</u>	0	Q	۵	0	Q	U	0	J	12	1	1	20	1	12		47		
	411.8		Q	0	C	0	C	Q.	. Q	0	0	0	C	6	14	12	10	8	18	0	0	0		68		
-	416.6		0	3	C	0	0	Ģ	Ú	0	0	8	1	Ú	6	<b>1</b> 6	22	Û	3	6	1	0		66		
-	421.4		3	0	C	1	Q	<b>1</b>	<u>.</u>	0	0,	ΰ	J	ú	Û	18	1	22	20	3	0	0		69		
	426.2		. 0	0	<u>c</u>	0	0	0.	0	0	0	0	Ü	J	1	ŭ	0	6	0	3	0	0		10		
	431.0		_0	_0	0	. 0	. 0	16	С	0	6	0	ü	3	1	1	3	б	24	1	0	0		63		
	435.8		Q	0	C	0	0	0	<u>s</u>		D	0	Û	C	0	0	6	6	0	10	0	0		22		
	440.6		. 0		1	0	Q	ο	0	0	0	0	G	Ū	3	3	18	3	0	10	Û	0		38		
-	TEST P8	DISTANC 20	E FROM	M SOUP	RCE	PUFF 0	RELE	ASE 1	IME I	DAT	A ACC	UMUL/	TION SECOND	INCRE S	MENT					GROL	IND LE	VEL	(1.5 M)			
---	-----------------------------	---------------	--------	------------------------	----------	-----------	------	-------	------------	-----------------	---------------	----------	-------------------------	------------	----------	----------	---------------	----------	---------------	-----------------	--------	-----	------------------------			
								RELAT	TIVE C	ONCEN	TRATI	ON I	V COUN	TS PE	RTEN	SEC	0µDS									
	SECONDS AFTER RELEASE	ੲ 094	R{096	<u>с с</u> Т 098	1 100	102	104	106	F M 108	R 0 T 110	М Е 112	R 114	5 0 116 <sup>E</sup>	U 118	B 120	Ç 122	E , A _124	D 126	E 0 128	G R N 130	E	Ε	S CROSSWIND SUMS			
	445,4	Q	Q	0	0	Q	0	0	0	0	0	0	8	. 0	6	3	8	0	3	0	0		28			
	450.2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	14	0	0	0	0		15			
	455.0	0	0	0	0	0	6	0	0	0	10	6	8	0	1	1	0	12	O	8	6		58			
	459,8	0	0	0	6	0	0	0		0	0	0	18	0	8	3	16	0	0	0	0		51			
	464.6	0	0	0	6	0	1	0	0	0	0	0	1	0	6	8	0	12	0	0	0		34			
	469.4	0	0	0	_0	0	0	0	0	0	0	0	0	0	.0,	0	0	20	0	0	0		05			
4	474.2	0	6	0	6	0	0	0	0	0	0	0	1	6	0	0	24	1	0	0	0		44			
9	479.0	0	0	0	0	0	0	Q	0	0	11	0	0	10	16	0	Û	0	0	0	0		27			
1	483.8	0	0	0	0	0	Q.	0	0	0	. O	0	0	14	12	14	3	0	0	0	0		43			
	488.6		0.		_0	0	0	0	3	0	Ð	0	6	12	0	3	0	0	0	0	0		24			
	493.4	0	0	0	0	0	0	0	0	0	0	0	6	0	6	0	6	0	0	0	0		18			
	498.2		0	0	0	0	0	0	0	0	6	1	0	0	0	1	0	0	0	0	0		11			
-	AZIMUTH SUMS	9	9	2	19	10	26	1	6	6	<b>2</b> 6	32	160	205	290	396	340	239	119	95	49		2039			

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	TEST P8	DIS	TANCE 800	FROM METE	A SOUF	₹CE	FUFI	F RELE 060 <b>2:</b> 0	7 SE 1 10 PS1	FIME F	DAT	1 ACC	UMULA 4.8 S	TION Econd	I ICRE S	MENT					GRO	UND LE	EVEL	(1.5 M)
· . 									RELAT	TIVE C	UP:CEN	TRATI	ON IN	: JOU,	TS PE	R TER	SECC	DS						
	SECONDS AFTER RELEASE	D	I 094	к б 096	т 098	T 100	I 102	0 N 5 104	। 105	F M F 10 <sup>8</sup>	₹ C T 110	E 112	K 114	ں 5 116 <sup>2</sup>	U L 118	k E 120	C V 122	E , A 1 124	D 1 126	E 0 126	G R N 1 <sup>3</sup> 0	E 1 <sup>3</sup> 2	Ε	S CROSSWIND SUMS
	260.0			0	0	Ũ	8	0	(:	ე	0	0	U	ú	0	G	0	C	0	0	0	-1		11
	264.8		6	<u> </u>	0	0	0	<u>0</u>	نا	Q	Q	1	0	0	٥	0	0	0	3	0	1	-1		11
8	269.6		6	0	3	6	0	0	9	0	0	0	Û	G	Ũ	Ο	0	Û	0	0	0	-1		15
۹	274.4		0		1	0	6	. 0	ņ	0	0	0	0	1	22	8	1	24	0	0	0	-1		63
.0	279.2		. 0	0	0	0	0	0	<u> </u>	0	<u>8</u>	0	0	Ú	8	0	1	10	1	Ũ	1	-1		29
0	284.0			0	0	3			Ģ	O	0	Û	0	Ű	16	0	3	22	10	6	0	-1		60
, <mark>002</mark>	288.8		0		0	0	0	0	, f	a	0	C	Û	Ű	3	0	в	35	1	0	0	-1		47
	293.6		0	0	0	0	0	0	<u> </u>	ე	<u> </u>	U	1	Û	Û	Û	0	26	91	18	0	-1		136
•	298.4				0	1		0	. D	0	Ō	Ú	ũ	Û	0	3	37	<b>11</b> 0	26	3	0	-1		192
	303.2		8	Q_	0	0	1	0	. 0	0	0	0	0	3	12	1	39	143	14	0	0	-1		221
	308.0		0	0	Q	0	16	00	1	0_	0	.0	0	0	0	10	37	178	0	0	C	<b>-</b> 1		242
	312.8		Q	0	3	0	Q	Q	0	, j	0	0	0	1	Ĺ	8	118	126	43	6	0	-1		305
	AZIMUTH SUMS		29	6	7	10	31	0	1	<u>_</u>	8	1	1	5	61	30	244	674	189	33	2	0		1332

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	TEST P8	DIS	1377AT	E FRO	SOUF RS	CE.	PUF	F RELE	ASE 1	IME	TAC	A 400	UMUL4 4.8	ATION SECOND	INCRE S	MENT					GRO	UND L	EVEL	(1.5 M)
									RELAT	IVE C	ONCEN	TRATI	ON LI	1 20UN	TS PE	ER TEN	I SEC	ONDS						
	SECONDS AFTER RELEASE	<u>D</u>	1 094	R   096	<u>с</u> т 098	т 1 100	I 102	0 N 5 104	106	F M E 108	R 0 T 110	м Е 112	R 114	<u>5 (</u> 116	U L 118	R E 120	C V 122	E . A 124	0 T 1 126	E 0 128	G R N 130	E 132	Ε	S CROSSWINI SUMS
	359.0		0	0	3	0	Q	0	0	0	0	0	, O	Û	20	8	176	653	512	166	0	-1		1538
	363.8		Q	0	0	Q	1	C	Q	0	0	0	Q	U	1	1	214	<b>6</b> 66	5 <b>37</b>	316	6	-1		1742
	368.6		10	Û	0	0	10	Û	G	0	0	0	0	0	0	10	187	745	622	253	10	-1		1847
	373.4		6	0	0	3	0	3	1	0	0	0	0	0	3	0	187	1058	772	243	1	-1		2277
	378.2		1	0	0	00	1	3	0	0	0	0	0	0	0		203	716	806	249	6	-1		1985
	383.0		3	3	0_	0		0	, O	1	0	0	0.	0	0	3	272	826	960	235	28	-1		2331
-	387.8		0	0	0	0	0	0	0	0	0	0	0	0	0	0	262	947	901	249	14	-1		2373
3 - 95	392.6		0	0	0	0	0	0	0	0	0	0	0	0	Q	6	258	933	1003	428	18	-1	· · = · · ·	2646
-	397,4		Q	10	1		0	0	0	0	0	00	0	0	0	3	203	966	974	310	51	-1		2518
	402.2		1	Û	0	0	Ũ	٥	Û	12	0	0	0	0	1	0	241	<b>9</b> 60	1068	433	20	-1		2736
	407.0		0	<u>0</u>	0	0	14	0	0	0	0	0	0	0	10	0	206	1018	1124	472	56	-1		2900
	411.8		0	0	0	0	0	0	0	0	0	0	0	0	0	6	218	1041	1126	537	95	-1		302 <b>3</b>
	416.6		0	0	0	0	0	0	Û	0	0	0	0	0	3	0	287	881	1174	551	122	-1		3018
	421.4		3	0	6	0	0	0	0	0	0	0	0	0	0	0	272	918	1164	670	235	-1		3268
	426.2		1	0	0	0	0	0	0	0	0	0	0	D	0	8	174	845	1076	649	191	<del>=</del> 1		2944
	431.0		1	٥	0	0	0	0	6	0	D	0	0	0	10	16	218	912	1110	656	203	-1		3132
	435.8		8	0	0	0	0	0	0	12	6	0	6	Ū	0	24	183	872	1139	789	193	-1		3232
	440.6		0	0	0	6	0	1	3	0	0	0	0	0	0	0	185	960	1039	758	193	-1		3145

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	TEST P8	DI	STANCI 800	FROM	SOUR( RS	CE	PUFF 06	RELEAS	SE TI PST	ME	DAT	A ACC	UMULA 4.8 St	TION ECOND	INCRE S	MENT		-		GRO	UND LE	VEL	(1.5 M)	
								R	ELATI	VE C	ONCEN	ITRATI	ON IN	COUN	TS PE	R TEN	SECO	ONDS						
	SECONDS AFTER RELEASE	۵	<b>I</b> 094	к е 0 <sup>96</sup>	с Т 098	T 100	1 ( 10 <sup>2</sup>	) <u>N</u> 5 104	N 106	E f 108	R 0 T 110	M 112	R 114	5 0 116 <sup>E</sup>	u L 118	R E 120	C V 122	E • [ A T 124 12	E I 0 26 12	G R N 3 1 <sup>3</sup> 0	E 1 <sup>3</sup> 2	Е	S CROSSWIND SUMS	
	445.4		0	0	D.		0	1	0	0	0	0	0	. 0	6	1	193	966 103	3 77	237	-1		32 <sub>0</sub> 7	
	450.2		0	Q	0	0	. 0	0	0	0	0	0	0	0	٥	0	189	766 106	67	174	-1.		2863	
	455.0		Q	8	0	0	Q		0.	0	6	0	<b>.</b> 0.	0	Q	16	178	726 10	2 67;	2 214	-1		2832	
	459.8		.3	0.	3	1			_ <u>0</u>			0	<u> </u>	. 0	0	6	174	876 93	87 82	3 164	-1		2992	
	464.6	~	0	0	0	0	3	0	0	0	0	0	0	0	<u> </u>	12	199	943 84	1 81	178	-1	<u>-</u>	2986	
	469.4		٥	0	Q	۵		0	o	Q	0			0		. 22	195	845 99	8 80	3 149	-1		2986	
в	474.2		0	0	. 0	<b>Q</b>	0		8	<b>o</b>			0	0	Û	24	185	1041 9	24 72	120	-1		3022	
86-	479.0		1	0	0	<u> </u>	6	3_	<u>0</u>	1	Q	0	1	1	0	3	287	1010 94	3 68	3 126	-1	· ··· · ··· ·	3065	
	483.6		. 8.		Q		0	D	1	Q		3	Ω	0	1	16	249	870 10	1 66	5 <b>95</b>	-1		2911	
	488.6		8		0	0	Q	0	0	<u>     0    </u>	0	0	0	0	1	20	322	710 10	1 70	1 122	-1		2925	
	493.4		3	0	0	3	0	8	0	0_	1	0	0	0	0	20	241	762 9	5 55	6 <b>89</b>	-1		2678	
	498.2		Q		0	0	Q	6	6	<u> </u>	0	0	Q	0	12	31	287	778 9	70 62	0 60	-1		2770	
	503.0		0	0	0	0	0	0	0	0	0	0	0		, Q	43	191	739 10	)6 5 <b>3</b>	3 47	-1		2559	
	507.8		0	0	0	0	0	0	0	0	0	1	0	0	14	43	241	891 9	68 43	1 20	-1		2609	
	512.6		0	D	Q_	Q		0	۵	Q	0	0_	0	0	10	24	314	949 10	53 47	0 26	-1		2849	
	517,4		Q	0	0	0	Q	0	0	0	1	10	_3	0	22	37	276	883 9	91 41	8 22	-1		2663	
	522.2		18	Û	0	0	0	0	6	0	_8	0	0	0	_10	47	310	960 11	06 41	28	-1		2885	
	527.0		0	0	0	<u> </u>	0	0	<u> </u>	Q	Q	0	0	0	0	47	368	968 9	08 26	8 24	-1		2583	

	TEST P8	)12.	TANCE ROO	FROM	50UR RS	CE	FUFF	<b>RELE</b>	ASE T		DAT	A ACC	UMUL/	ATION Second	INCRE S	MENT					GRO	UND LI	EVEL (1.5 N	1)
									RELAT	IVE C	ONCEN	TRATI	ON IN	V COUN	TS PE	R TEN	SEC	ONDS						
	SECONDS AFTER RELEASE	Ð	I 094	R E 096	с Т 698	T 100	ı 10 <b>2</b>	5 104	<b>1</b> 06	E 10 <sup>8</sup>	R 0 T 110	M E 112	R 114	5 0 116 <sup>E</sup>	U 118	R E 120	C V 122	E , A 124	D 126	E 128	<u>с </u> 130	<u>Е</u> 132	E S CROS	SW∎ ND 3UMS
	531.8		6	0	0	0	0		3	0	0	0	0	0	1	43	353	895	872	285	18	-1	2	476
	536.6		3	0	0	0	0_	0	0	0_	0	0	0	0	0	51	335	874	951	314	0	-1	2	528
	541.4		0	. 0	0	0	0	Q.		0	0	0	0	. 0	1	39	468	918	728	278	0	-1	2	432
	546.2		0	, <b>0</b>	0	<b>1</b>	1		0	,0	0,0	. O	0	0	0	53	470	1024	639	253	0	<del>-</del> 1	2	441
	551.0		3	0	0	0	0		0	3	0	0	0	0	0	97	439	947	695	122	0	-1	2	306
	555.8		0	. 0	0	0	0	0	0	0	0	0	0	D	3	74	572	893	641	93	0	-1	2	276
Β	560.6		0	0	0	0	6	1	0	0	0	0	. 0	<u></u> 0	1	133	635	856	418	110	1	-1	2	161
<b>9</b> 9	565.4		0	12	0	0	0	0	0	_6	0	0	0	0	10	118	693	739	389	62	3	₹1	2	032
	570.2		0	0	0	0	0	0	0	0	0	12	0	0	14	160	745	603	397	24	0		1	955
	575.0		0	0	0	0	0		0	0	0	. 0	0	_ 0	0	178	824	587	353	22	0	-1	. 1	964
	579.8		0	0	0	0	0	0	0	0	0	0	Q	0	35	262	776	560	293	45	<u>0</u>			971
	584.6		12	0	8	0	0	3	0	0	0	0	0	0	20	70	610	660	160	43	0	₹1	1	586
	589.4		0	0	0	0	12	0	0	0	0	0	٥	0	18	241	<b>7</b> 56	583	197	14	0	-1	1	821
	594.2		3	0	0	0	0	0	Q	0	0	0	0	0	49	306	685	481	158	20	1	-1	1	703
	599 <b>.</b> 0		0	0	٥	0	0	0	0	3	0	0	, 0	0	45	356	601	412	143	1	0	-1	1	561
	503.8		0	0	0	0	0	0	0	0	0	1	0	3	45	364	59 <b>7</b>	378	114	6	0	-1	1	508
	508.6		0	Û	0	0	B	0	0	0	0	0	0	0	164	360	691	326	118	14	0	-1	1	681
	513.4		0	0	0	0	Q	0	0	0	0	0	0	0	162	433	733	247	93	0	0	-1	1	.668

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	TEST P8	DIS	STANCE 800	FROM	SOUR RS	CE	PUFF 0	RELF.	ASE T 0 PST	IME	DAT	ACC	UMULA 4.8 S	TION ECON	INCRE ;S	EMENT					GR0	UND I	LVEL	(1.5 M)
								1	RELAT	IVE CO	NCEN	TRATI	ON IN	COUN	TS PE	ER TEN	SEC	o ids						
	SECONDS AFTER RELEASE	۵	I 094	RE 096	т т 098	I 100	I 10 <sup>2</sup>	0 5 104	- 106	E 5 M E 108	R 0 T 110	H E 112	R 114	5 0 116 <sup>E</sup>	U L 118	R E 120	C V 122	E , A 1 124	D I 126	е 0 128	G R N 130	е 132	E	S CROSSWIND SUMS
	618.2		0	3	0	0	0	0	Ĺ	С	0	0	0	0	97	295	693	314	70	8	0	-1		1480
				Q_	1	0_	0	00	_0	0	6	8	O	0	126	341	526	258	28	14	0	-1		1316
	627.8		0	Q	0	0	. 0	, Q	_ 0	0	0	3	0	20	208	347	543	235	51	1	0	-1		1408
	632.6		0	Û	0	0	. 0	G	6	0	0	0	12	0	149	343	558	193	31	6	0	-1		1298
	637.4			<u> </u>	O	1	8	0	<u>ú</u>	0		0	O	3	110	308	458	191	24	0	1	-1		1104
	642.2		0	0	0	0	. 0 .	0	0	0.	Q	0	0	6	139	189	370	151	12	0	0	-1		867
μ	647.0		0	O	0	0	8	0	0	0	0	3	0	33	110	237	364	101	10	0	0	<del>-</del> 1		866
-100	. 651.8		<b></b> 0	<u>0</u>	0	3	22	0	0		Q	0		33	166	220	335	143	. 8	0	0	-1		930
0	656,6		. 0	0.	<b></b> .	Q	O		0	Q	0	. <b>Q</b>	0	12	187	228	<b>2</b> 62	139	3	0	0	-1		831
	661,4		. 0	.0	O _		Q	6		0	0.	0	0	58	181	226	24 <b>7</b>	128	14	0	1	-1		861
	_ AZIMUTH SUMS	L	110	36	22	19	103	35	40	38	28	41	22	169	2179	6569	23684	45436	12468 2	0730	3342	0		145071

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	TEST P8	DISTAN	CE 00	FROM	SOUR RS	CE	PUFF 0	RELE, 602:01	ASE TI D PST	ME	DAT	A ACC	UMULµ 4.8 S	TION ECOND	ÍNCRE S	MENT					GRO	UND Li	EVEL	(1.5 M)
									RELATI	VE CK	NCEN	траті	ON IN		TS PE	R TEN	SECO	) <sub>s</sub> os						
	SECONDS AFTER RELEASE	<u>D</u> I	F	<u>}</u> €	<u>е</u> 098	T 100	1 102	0 ; 104	106 <sup>M</sup>	F[ 108 <sup>E</sup>	<u>} 0</u>	، 112	R 114	50 11 <sup>0E</sup>	U 118		C V 122	E • A _ T 1<4	D 126	E 120	G R 13 <sub>01</sub>	Е S~	Ε	S CROSSWIND SUMS
	704.0		0	1	0	0	3	0	. C.	0	0	0	0	37	114	106	20	3	0	0	0	— T		284
	708.8		0	1	0	0_	0	0	0	0	1	14	Û	68	103	114	28	0	Û	0	0	-T		329
	713.6		0	0	0	. 0	0	, ŭ	C	0	0	0	6	47	95	122	24	0	0	0	0	-T		294
	718,4		0	0	0	0	0	0	Ũ	G	8	τ	6	35	101	93	22	0	0	0	0	-1		266
	723,2		0	0	0	0	0	0	<u>e</u>	0	0	6	8	41	85	85	20	6	0	0	O	-T		251
	728.0		4		0	0	6	0		0	0	0	10	43	68	68	1	0	6	0	0	-1		216
	732.8		0	0	0	0	6	0	Э	0	0	3	0	31	56	66	12	8	6	0	0	-1		188
3-10	737.6		0	3	1	0	3	0	0	0	0	3	3	41	47	76	0	0	0	0	0	-1		177
	742.4		0	0	0	0	0	0	0	3	0	0	0	37	EE	45	8	0	0	0	0	-1		126
	747.2		0	0	0	0	3	0	0	1	0	0	24	6	ΕE	16	0	0	0	0	0	-1		83
	752.0		0	0	0	0_	0	0	00	<u> </u>	6	1	3	28	16	39	1	0	0	0	0	-1		104
	756.8		6	0	0	1		0	G	0	0	0	14	26	SЭ	12	3	0	0	0	0	-1		118
	761.6		0	, Q	0	0	0	8	0	0	0	Е	0	43	OF	20	0	0	0	0	0	-1		144
	766.4		6	0	0	00	6	0	Q	0	0	1	6	24	z 6	20	ΤΟ	0 (	) 0		-	Т		90
	771.2		0	0	0	0	0	0	0	0	0	0	10	18	24	20	0	0	0	0	0	-1		72
	776.0		0	0	0	0	0	Û	0	0	0	6	12	3	41	Т	1	0	0	0	0	-1		64
	780.8		0	0	0	00	0	Û	0	1	6	0	8	10	8	6	0	0	0	8	0	+1		47
	785,6	1	8	0	0	0	0	0	0	0	0	Т	1	24	6	18	0	0	3	0	0	-1		71

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	TEST DISTANCE FROM SOURC								RELE 60 <b>2:</b> 0	ASE T O PST	IME	DAT	A ACC	UMULA 4.8 S	TION ECONU	INCRE S	MENT					GRO	UND L	EVEL	(1.5	M)
				·						RELAT	IVE C	ONCEN	TRATI	ON IN	000	TS PE	R TEN	SEC	), jpS							
 	SECONDS AFTER RELEASE	D	 094	R 0 <sup>9</sup>	<u></u> Б	с Т 098	т 100	1 10 <sup>2</sup>	0 <u> </u>	106	F 10 <sup>8</sup>	R 0 110	M E 112	R 114	5 ເ 11 <sup>6</sup> ້	U 11 <sup>8</sup>	R 1 <sup>2</sup> 0	C V 122	Ę , ^ <sub>124</sub> T	D I 126	E 128	G R N 1 <sup>3</sup> 0	Е 1 <sup>3</sup> 2	E	Scro	SSWIND SUMS
	<b>790.4</b> 795.2		3 3		0 0	~ 0	0 0	6 0_	0 0	3	0	0 3	3 0	3 0	1 18	3 0	8 1	0 0	0 0	0 0	1 0	0 0	0 -1	~	1	34 25
	800.0		0 8		0	0	0	3	1	0	0	0	3	6	10 0	24	10	0	0	0	0	0	-1			54 28
	80418 809.6		0		0	0	0	0	0	0	Q	6	6	<b>1</b> 4	6,	1	₽ 8,	0	0	0	0	0	-1			41
в	814.4		Q 0	•••	0	0	Q,	0	0 Q	0 0	,3 0	0 3	0	16 10	0	45 6	Ŭ O	0 0	0 0	0 1	0 0	0 0	-1 -1			65 20
102	824.0 828.8		10		0	0 0	0	0 3	00	<u>с</u> о	00 D	0. 1	0 8	18 3	0 0	0 6	0 0	0 0	G O	0 1	0 0	0 0	-1 -1			28 2 <b>2</b>
	833.6 838.4		Q		0 0	0	. 0	Q 6	ψ Ω	с с	0 <b>1</b>	0	8 0	3 0	3 0	6 6	6 0	6 0	0 0	0 0	0 0	0 0	-1 -1			32 13
	843.2		Q		.0.	Q	Q		0.	0	1	0	٥	1	0	0	Ù	0	0	0	Û	0	-1			2
	AZIMUTH SUMS		68		5	1		50	- 9	Q_	iŌ	_37	64	<b>1</b> b5	609	1103	953	149	18	16	8	0	0			3288

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## 

TEST	DISTANCE FROM SOURCE	PUFF RELEASE TIME	DATA ACCUMULATION INCREMENT
P8	200 METERS	0602;00 PST	4.8 SECONUS

TOWER

## RELATIVE CONCENTRATION IN COUNTS PER TEN SECONDS

	SECONDS AFTER RELEASE	0 9 0	DIR 8 D 1 5	E C E G 3.0M	T <u>I</u> O REE _6.1M	N F S 10.7M	<u>R_O_M</u> 1 1 0.8M	5 Q 4 D 1.5M	U K 5.0 <sub>M</sub>	C E R E E 6.1M	A N D 5	E L 1 3 0.8M	E V 0 D 1.5M	A T I E G 3.0M	O N R E E 6.1M	5 10.7M
	<b>59.</b> 0	0	0	0	0	0	0	1	Ú	0	Ø	0	Û	1	0	0
	63,8	00	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	68.6	0	0	.0	C	3	0	D	Ú	0	0	0	3	0	0	0
	73,4	0	0	0	1	0	0	D	Û	Û	٥	10	8	0	1	0
	78.2	0	0	0	CC	3	0	0	. 0	0	Q	0	0	0	0	0
	83.0			0	0	6	0	0	υ	6	20	0	0	Q	3	3
<b>149</b>	87.8	0	0	0	3	0	0	0	1	62	1031	0	O	Û	0	0
-10	92.6	0	C	0	0	0	1174	1522	2341	3997	2206	0	0	1	8	0
8	97,4	1		0	0	0	1208	2908	6199	4678	1291	0	0	3	3	1
	102.2	0	0	0	1	C	1791	2293	6074	3993	7695	16	0	49	68	0
	107.0	O	0	0	0	6	2833	3647	8322	12053	11385	95	0	181	356	10
	111.8		0	0	. 0 .	10	2301	4139	8974	22489	11474	162	0	253	<b>79</b> 5	0
	116.6	0	0	0	0	0	4272	5645	70 <b>7</b> 6	14735	12187	203	0	172	572	0
	121.4	0	0	0	0	10	4283	4041	5264	7787	7803	241	0	85	314	0
	126.2	1	0	0	0	C	3808	3964	7289	8076	1067 <del>4</del>	191	0	218	389	1
	131.0	0	0	0	C	0	58 <b>37</b>	5645	1095 <u>1</u>	17068	8462	218	0	268	697	0
	135.8	0	0	0	0	6	6041	7266	10883	12818	4991	220	0	<u>1</u> 74	<b>59</b> 5	0
	140.6	0	0	0	0	18	6178	6937	9764	20147	4 <b>31</b> #	201	0	203	789	0

	TEST P8	DISTANCE 200	FROM SO METERS	URCE	PUFF REL 0602:	EASE TIME	DAT	A ACCUMU 4.8	LATION I SECONUS	NCREMENT			TOW	ER		
						RELATIVE	CONCEN	TRATION	IN COUNT	S PEA TE	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	D I R 8 D 1,5M	E G 3.0M	T <u>IO</u> REE 6.1M	<u>F</u> S 10.7М	-R 0 1 0.8M	S 1 4 1.5M	0 U R D E G 3.0 <sub>0</sub>	C E R E E 6.1 <sub>M</sub>	A N D Sæ 10∙7⋈	E L 1 3 0.8M	E V 0 D 1.5M	A T I E G 3.0M	O N R E E 6.1M	S 10.7м
	145.4	0		û	0 .	10	6645	704 <b>7</b>	12562	15053	2418	208	0	249	733	0
	150.2	0	0	0	0	3	598 <b>3</b>	6249	13126	14197	374	206	0	308	1037	0
	155.0	0	3	٥			7041	10285	ر47 <sub>0</sub>	4906	674	195	0	264	528	3
	159.8	0	0	Q		1	7866	8622	507 <sub>6</sub>	4174	728	199	U	108	489	0
:	164.6	0	0	0	O	3	5345	4614	5556	5674	566	195	0	199	556	0
1	169.4	<b>Q</b>	0	<u>0</u> .	0	6	4391	4397	401 <sub>6</sub>	874	53	210	0	170	222	0
· 65	174.2		0	<u>0</u>		Q	3637	3866	1974	497	6g	210	o	118	187	0
-10	179.0	0	0_			0	3851	3758	2222	660	153	153	28	145	203	6
	183.8	Ω		3	0	0	3064	3624	335 <sub>1</sub>	622	18	124	22	<b>1</b> 58	241	1
	188.6	<b>0</b>		<u>0</u>	0	0	2995	2206	77 <sub>0</sub>	260	26	122	58	118	149	0
	193.4	0		_1	0	3	1047	416	139	14	18	133	5 1	89	103	0
	198.2		Q	0		1	831	403	112	101	1	81	26	106	114	3
	203.0	0	1	0	0	1	508	443	31 <sub>0</sub>	101	6	112	41	66	81	14
	207.8	<b>0</b>	0	0	0	0	424	303	53	1	1	83	2 <b>0</b>	89	339	8
	212.6	<b>0</b>	0	Q	0	0	474	253	103	14	Q	89	31	56	99	1
	217.4		0	Q	1	Q	222	212	5 <sub>3</sub>	10	Q	60	47	101	95	8
	222.2	3	0	0	Q	0	128	. 49	18	6	Q	72	58	99	68	0
	227.0	0		0	D	0	101		20	a	6	89	131	110	83	16

 TEST P8	DISTANCE 200	FROM 500	RCE	PUFF REL	EASE TIN 00 PST	E DATA	ACCUMUL/	ATION I SECONDS	NCREMENT			TC	WER		
					RELATIV	E CONCENTE	RATION IN	I COUNT	S PER TEN	SECONDS					
AFTER RELEASE	0 9 D.8M	DIR 8 D 1.5M	E C E G 3.0M	T I O R E E 5.1M	N = 5 1.0 • 7M	R D M 1 1 0.8M	50 47 1.5M	UR EG 3.0M	<u>C E</u> R E E 6 1	A N D S 10.7M	E 1 3 0.8M	E V 0 1.5M	4 T C 2 E G 3.0M	Ͻ Ν_ R Ε Ε 6∙1Μ	S 10.7M
231.8	_0	12	0	6	0	137	95	16	0	Â	153	135	158	116	37
 236.6	QQ	0	0	0	16	53	45	0	0	QQ	101	106	156	124	41
 241.4	0		0		3	41	31	8	. 0	. 0	122	128	264	206	24
246.2	0	0	0	0	1	51	22	0	0	6	178	281	274	78	14
 251.0		0		0	6	58	18	<u> </u>	<u> </u>	<u>0</u>	222	191	103	118	20
255.8	D	0	0		0	47	12	10	<b>Q</b> .	<u> </u>	201	158	151	51	0
260.6	0	G	0	0	0	41	24	10	1	1	191	189	135	35	18
265,4	.6	0	11	0	0	20	8	26	1	<u>Q</u>	2 <u>2</u> 6	214	181	45	0
270.2	Ú	0	. 0	0			6 ,	8	0		216	203	120	62	0
275.0	0	0	0	. 0	0	18	0	0	0	Q	276	281	289	160	18
 279.8	Q	0	0	0	26	10	0	Ú	0		268	216	287	149	18
284.6	D	0		Q	0	<u> </u>	0	0	0	0	276	224	197	95	0
289.4	ð	0	0	. 8	. 0	20	14	12	14	۵	270	187	189	64	10
294.2	0	0	.0	<u>       0         </u>	0	12	10		0		264	189	141	26	1
2 <b>99.</b> 0	0	0	0	0	. 1	24	10	6	0	â	208	149	87	22	10
303.8	ð	0	0	0	0	8	6	0	0	0	103	<b>9</b> 5	33	20	0
308.6	0	0	1	0	0	10	0	. 1	0	. 0	81	70	20	20	6
313,4	0	Û	0	0	6	1	10	, , <b>Q</b>	0	0	56	39	18	0	0
SUMS	19	20	6	20	149	94836 1	05161 1	43171	175089	88647	7510	3585	6964	11308	292

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	TEST P8	DISTA ICE 200	FROM SOU	JRCE F	PUFF RELE 0602:0	EASE <b>TI</b> ME 10 PST	DATA	ACCUMULA	TION IN ECONDS	CREMENT		~ -	TOW	ER		
						RELATIVE	COWCENT	RATION IN	COUNTS	PER TEN	SECONDS					
	SECONDS AFTER RELEASE	C 9 0,8M	0 I R 8 D 1,5⋈	ECI EGR 3.0M	TIO EE 6,1M	N F S 10.7M	R 0 M 1 1 0.8M	<u>50</u> 4D 1.5M	U R E G 3.0 <sub>M</sub>	<u>C E</u> R E E 6•1M	A N D S# 10.7M	E L 1 3 0.8M	E V 0 D 1.5M	A T I E G 3.0M	0 N R E E 6.1M	S 10.7м
	359.0	Ĵ.	0					.6	0	0	ĝ	12	12	Q		
	363.8	0		0	0	0	0	0	û	00	0	18	12	10	0	<u>    0                                </u>
	368.6	. 0.		0	0	Q	0	1		0	Q	6	0	10		3
	373.4	. Ω	. 0	1	0		0	6	0	0	1	10	12	0	0	0.
	378.2	<b>D</b>	1	0	0	0	0	0	0	0	0	0	8	8	0	0
	383.0	۵		Q	0	Q	Q	9		1		<b>0</b>	1	0	6	0
₩.	387.8	Û.	0	0	0		6	0	0	Q	Q.	3	12	1	3	<b>. 0</b> .
106		o	<u> </u>	0	Q	0	0	00	0	0	8	3	28	10	6	0
	397.4	0		0	0	Q	0	0		0	Ω		.0	6	0	1
	402,2	D		<u>0</u>	0	0	0	10	0 .	0	Q	0	0	0	6	0
	407.0	<u>0</u>	0	00	0	1	0	0	0	0	<u>0</u>	14	1	3		0
	411.8	D	0	0		0	3	0	Q		9 .	0.	0.	0.		Q
	416.6	0	0	0	0	0	0	1	0	0	10	1	1	1	0	0
	421.4	<u>0</u>	0	0	0	0	0	0	0	3		0	<b>,0</b> ,	0	0	0
	426.2	D	0	Q	0			0_	0	. 0	û	1	0	0	1	0
	43 <b>1</b> .0	0.	0	0	1	0	10	0	U	0	0	0	0	· 0	0	0
	435.8		û	00	0	0	0	0			Q	0	0	Q	0	0
	440.6	0	1				1	_0	0	. 0	0	1	Q	1	. 0	3

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TEST P8	DISTANC 20	E FROM SO D METERS	URCE	PUFF REL 0602;	EASE TIME 00 PST	DATA	ACCUMUL	ATION IN SECONDS	ICREMENT			TOW	ER		•
					RELATIVE	CONCENT	RATION IN	N COUNTS	PER TEN	SECONDS					
SECONDS		DIR	E C	TIO	NF	ROM	<u> </u>	UR	CE	AND	<u> </u>	EV	TI	<u>0 N</u>	
AFTER RELEASE	0 ( 0.8M	98 D 1,5M	E G 3.0M	R E E 6.1m	S 10.7M	1 1 0.8M	4 D 1.5м	Е G 3.0 <sub>М</sub>	R E E 6.1M	5 10.7M	1 3 0.8M	0 D 1.5M	E G 3.0M	R E E 6.1M	5 10.7M
445.4	o	0	0	0	0	0	0		Q		0	0	1	1	0
450.2	0	00	0	0	6	0	11	0	<u> </u>	1	1	0	0	0	0
455.0	0	0	1	0	0	0	6	0	0		0	8	0	0	
459.8	, Q		0	0	6	0	0		0		0	0	0	0	3
464.6	Q	0	0	O	0	6	0	0		0	0	0	0	0	0
469.4	0	0	0	0	0	0	0		8	<b>B</b>	00	0	0	0	0
474.2	0	0	1	0	0	0	0	Q	0		0	0	3	6	0
479.0	00	0	0	3	0	0	0	6	1	0	0	0	18	0	00
483.8	8	0	0	0	0	0	0			A	0	0	1	0	0
48 <b>8</b> .6	0	0	0	0	0	0	0	0	0	<u></u>	0	0	. 0	Q	. 0
493.4	<u> </u>	0	0	0	11	0	0	0	1	10	00	0	0	0	0
498.2	0	0	0	0	0	0	1		. 0	0	0	0	0	0	0
SUMS	8	2	3	7	26	29	32	14	17	42	78	95	73	29	11

	TEST P8	DISTALCE 300	FROM SUU METERS	JRCE	PUFF REI 0602	LELSE TIH :00 PST	E DATA	ACCUMUL 4.d	ATION I Seconds	NCREMENT						
						RELATIV	E COMCENT	RATION 1	IN COUNT	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	09 0.8,	0 I R 8 J 1.5	E C E G 4.6M	T I O I E E 10.7:	<u> </u>	R 0 M 1 1 0.8M	S 0 4 I 1∙5M	GUК DEG 4.6,	C E R E E 10•7 <sub>M</sub>	A N D S# 21.3M	E L 1 3 0.8M	E V . O D 1.5M	АТІ ЕG 4.6м	0 N R E E 10•7M	5 21.3 <sub>М</sub>
	260.0	ß	. 0.	a	C	1	0	Û	Û	0	ú	Û	0	0	٥	0
	264.8	<u> </u>		0	Û	0	10	<u> </u>	U	0		18	1		0	0
	269.6	D	3	0	1.	Q	16	Ú	0	0	Q	10	0	0	1	0
	274.4	0	. 1	0	Ç	. <b>.</b> Q.	0 .	0	. 0	Q	Q	0	0	0	8	0
	279.2		00	0		<u> </u>	00	0	Q	0	1	0	1	0	0	0
	284,0	ú	. 0	0	0	Q	0	0	0	Ú	8	0	. 0	0	0	0
₿.	288.8	1	.0	0	0	0	6	0	Ū		0	0	0	0	0	0
-108	293.6	<u>0</u>	Q	00	0_	0	0	1	<u> </u>	Q	0	3	0	0	0	0
	298.4	a		Q	٥			0.	<b>(</b>	Q	Ω		, Q	0	0	10
	303.2			0	0	0	0	. 0	0	Q	0	6	0	1	1	6
	308.0	<u> </u>	0	0	0	00	00	0		1	14	0	0	Q	0	Q
	312.8	. ù_		<u>0</u>	0	Q	QQ	0	û	Q	<b>.</b>	0		0 .	0	. 0
	SUMS	9		0		1	32	1	0	1	23	40	2	1	10	16

	TEST P8	DISTANCE 800	FROM SOL	ЛЯ <mark>СЕ</mark>	PUFF REL 0602:	EASE TIM 90 PST	C DATA	ACCHAULA	TION I Econdos	ICKELENT			TOW	ĒŔ		
		·				DEL.TIV	C CONCENT	ALTON I.	ಕ ಧಂರ,,⊺:	S PER TEL	SECO. S					
	SECONDS AFTER BELEASE	0 9 _ 0.8M	D I R 8 D 1.5M	E C E G 4.6M	<u>t i o</u> R E E 10.7m	N F S 21.3№	R 0 1 1 0.8M	S 0 4 D 1.5M	U R E 6 4.6;	C E R E E 10.7%	A N D S	E L 1 3 0.8%	E V / 0 D 1.5⊮	E G 4.6M	0 N R E E 10∙7⋈	5 21.3м
2	359.0		3	0		0	<u> </u>	, G	u	Û	(j	0	0	0	14	8
	363.8	<u>0</u>	0	0	Q	C	0	0	1	0	Û	0	6	14	58	56
1 	368.6	D	0	0	0	Û	0	0	G	0	Û	С	10	10	103	58
	373.4	0	0	0	0	<u>c</u>	0	٥	Û	0	û	3	1	12	176	176
<u> </u>	378.2	. 3	0	0	0	0	3	<u> </u>	ú	Ŭ	Q	22	6	26	<b>19</b> 5	22
<u>}</u>	383.0	0	0	0	0	0	0	0	ü	Ú	Q	28	28	28	195	0
. <b>1</b> 17	387.8		.0	0	0	D	0	0	Ģ	0	Ú	31	14	20	<b>16</b> 6	12
ή ομ	392.6		0	<u>0</u>	0	сС	1	0	<b>.</b> u	Q	Q	35	18	24	116	24
	397.4		<u>1</u>	0			0	U	Ð	O	Q	18	51	53	193	33
	402.2	Q		3	0	0	0	O	Ĺ	1	ũ	41	20	35	137	24
<u> </u>	407.0		û	0		<u>0</u>	0	0	ند	0	û	41	56	68	78	164
	411.8	<b>0</b>	0	0		Q	0	0	Û	Û	Q	62	95	118	185	14
	416.6		0	0		. 0	0	Û	ú	Û	U	108	122	176	368	31
	421.4	0	6	0	0	0		0	Ŀ	Û	Ŕ	199	235	212	139	18
	426.2	0	Q	0	3		0	0	U	Û	Q	189	191	166	70	<b>2</b> 6
	431.0	0	0	0	0	C	0	Û	6	3	Q	218	203	262	139	35
	435,8	18	Ŭ	0	0	0_	0	6	G	Û	3	264	193	218	168	31
	440.6	Q	0	0	С	Ū.	0	0	ú	Û	ĝ	241	193	149	212	14

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	TEST P8	DISTAN 8	ICE 800	FRO~, METER	SOL S	IRCE	IUFI	F (EL 0602:	' SE TIME O( PST	~AT!.	ACCUMUL	ATINI SEC NOS	CREVENT						
					-				RELATIVE	CONCENT	RATION I	IN COUNT	S PER TE	SECONDS					
	AFTER RELEASE	0 08M	9	0 I 8 1.5	R D	E C E G 4.6M	1 F   10	1 <u>0</u> E E •7	kiF S 21•3i	R 0 № 1 1 0.8M	S C 1.5 <sub>0</sub>	) U K E C 4.b	СЕ КЕ∟ 10•7∦	A N - S 21+3	E L 1 3 0.80	E V 0 1.5M	A T I D E G 4.6M	0 N R E E 10.7M	S 21.3M
		<b>(</b>	)	Q		. J		6	0	0	Û	ι.	IJ	1	27 <sub>0</sub>	237	214	178	3
	450.2	0	)			0		<u> </u>	Q	0	Ų	Ŷ	Ú	Ŀ	231	174	172	116	20
	455.0	£	).	Û		Q		, e	Ų	0	0	U	Û	ŷ	289	214	228	276	8
	459.8	1	L.,	. 3		0		ŝ	3	8	U	ü	ü	ΰ	212	<b>1</b> 64	181	49	0
	464.6		1	0		0		0	0	Q	. <u> </u>	ų	1	<u></u>	2 <b>1</b> 8	178	170	<b>16</b> 8	0
	469.4		]	0		0		0.		0	ú	ن	Û	ير ل	253	149	160	91	8
œ	474.2		)	0		0		0	Ç.	0	U	J	ΰ	8	263	120	108	51	14
	479.0		<u> </u>	G		0		0	11	0	1	<b></b>	_ Ú	9	176	126	49	78	Ó
0	483.8		1	C		. 0		1	C	0	Ű	Ĺ	ΰ	r.t	135	<b>9</b> 5	87	16	D
	486,6	a	1			0		6	. 0	0	Ũ	U	o	Q	118	122	110	1	C
	493.4	0	1	0		Ū.			<u>C</u>	0	Ú .	, u	ú	ų.	145	89	85	1	0
	498.2		1	(1		<u>.</u>				o	ü	Ų	ü	Ú	120	60	28	6	0
	503.0		)	.0		0		9	0	0	Û	iu	Û	Ġ	114	47	18	3	0
	507.8	 ۱	)			0		1	0	0	Ű	¢;	Ĺ	ij	49	20	12	C	۵
	512.6					0		a	0	0	- U	-	11	a	6	26	18	10	n
	517.4	<b>د</b>	۰ ۲	ч с		 0		» K	0	0	Ē				43			-0	ں م
	E00 0		κ	0		0		c .	×	7	с. (	Ċ.	• •		20		<b>ن</b>		0
	542.2	<b>i</b>	<b>.</b>	0		U_		<u> </u>	U	····· · · · · · ·	, u	U	U	4	20	0	8	1	U
	527.0	· · · · · · · · · · · · · · · · · · ·	) <b>.</b>	0				. <u>C</u>	6	. <b>1</b>	U U	i	Û	16	14	24	0	Q	0

	TEST P8	DISTANCE	FROM SOU	JRCE	PUFF REL 0602	EASE TIME	DATA	ACCUMUL 4.8	ATION I SECONDS	NCREMENT			ТО₩	ER		
						RELATIVE	CONCENT	ATION I	N COUNT	S. PER. TE	N SECOMOS					
	SFCONDS AFTER 	0 9 _ <b>0</b> .8M	DIR 8D 1,5⊻	Е С Е <b>С</b> 4.6М	I 0 E E 10.7	s 21.3M	<u>R 0 M</u> 1 1 0.8M	<u>S</u> 0 4 D 1.5M	U R E 6 4.6	C E R E E 10.7M	A N D 5 21.3M	EL 13 0.8网	E V 0 d 1.5M	A T I E G 4.6M	O N R E E 10.7M	5 <b></b> - 21.3м
	531.8	Q	Q	0		Q	0	Û	U	0	Q	39	18	0	3	0
-	536.6	0	0	0	8	00	0	0		Ũ	0	20	0	0	0	0
	541.4	0	Q	0	0	Q	0	Ũ	Û	U	Û	6	0	6	- 3	0
	546.2	٥	0	3	0 "	0	0	0	1	Ü	<u>ġ</u>	10	0	0	0	0
	551.0	û	00	3	0	0	0	0	1 <u>0</u>	0	ũ	0	0	0	0	0
1	555,8	٥	Q	0	0	1	<b>.</b> . <b>1</b> .	0	0	1	ø	6	0	0	0	1
יז <b>אַק</b> יי	560.6	0	0	0	0	0	0	0	ę	0	Q	6	1	0	0	8
-i 1j	565,4	Q	0	0	0	0	0	Ú		0	3	0	3	3	0	0
	570.2	Q	0	0	0		6		Û	0	Ð	6	0	0	0	0
	575.0	م	0	0		0	1	Û	Ũ	Q	ĝ	0	Ð	0	0	0
_	579.8	0	0	0	0	00	3	0	۵	0	Ð	10	0	0	0	10
	584,6	Q	8	0	0	0	1	Û	ú	1	Q	0	0	0	0	0
	589.4		0	0		0	0	O	0	0	â	3	0	0	0	0
	594.2	0	0	00	0	0	0	0	0	Ũ	6	0	1	0	0	٥
	599.0	0	Q	0	1		0	Û	u	0	Ø	1	0	3	0	0
	603.8	0	0	0		. 3	0	0	Û	Û	ũ	1	0	0	0	0
	608.6	Q	0	00	0	10	0	0	6	Û	ð	8	0	3	3	0
	613.4	0	0	0	0	0	0	ú	Ũ	3	þ	D	0	D	0	0

	TEST P8	DISTANCE 800	FROM SUU	RCE	 €F € ⊑ 06 2:	58 TI c •	υΑΤγ	ACC IUL, Mag S	.TI ທີ1. 5EC ທຸວຣ	. <i>1</i> . Lil						
						BELNTINE	COLCENT:	ATION I	√ ಅಲ್ಲಿಗೆ	SPER TEA	SECONDS					
	SECONDS AFTER RELEASE	0 9 	<u>D I R</u> 8 D 1.5⊮	E C T E G F	Γ <u>Ι</u> Ο ≈ Ε Ε 10•7 <sub>™</sub>		R 0 1. 1 1 0.8M	5 0 4 ∷ 1∙5⊮	ರ ಜ ⊏್ರ 4.6¦,	СЕ КЕЕ 10.7%	A N D 5 21.3,4	E 1 3 0.8,;	E V 0 D 1,5∦	АТІ Е G 4.6м	0 N R E E 10.7M	5 21.3M
	618.2	əə		o	C	0	12	U U	4	U	á.	Û	0	1	0	
	623.0	0	1	<u>0</u>	1	Q	. 3	U	υ.	Û	i	U	U	3	Û	
	627,8	Ω		. 0	Ç	18	0	U	<b>e</b> .(	C	3	1	C	0	0	
	632.6	a			<b>0</b> .	С	0	1.2	J.	ų	0	ŭ	0	0	0	
	637.4	0	<u>0</u>	Q	0	Q	0	U	U	U	ĥ	Ú	1	Û	0	
	642.2	Q	0	<u>.</u>			6	ú	U	ü	Ų	G	0	0	0	
, 000	647.0	10	0	3	¢	. 6	6	Ú	ú	ú	U	U	0	ó	C	
- - 	651.8	0		_1	<u> </u>	<u>B</u>		0	د	U	ų	U	0	0	1	
··	656.6	<b>0</b>	0	Q	6	_ 0	14	U	1	Û	ģ	0	O	0	0	
	661.4	û	0	Q	<b>.</b>	. 0	0	Ú	L	C	Ĥ	J	1	0	0	
	SUMS	38	22	13	<b>3</b> 5	42	70	26	43	10	6,	4251	3342	3272	3767	<sub>5</sub> 27

	TEST - Po	DISTANC BU	F FROI S	OU CE	UFF REL 06 2	SE TIME	DATA	ACC HULA	ATION I SECONDS	NCREMENT			TOWE	ĒŔ		
						RELATIVE	COLCENT	I MOITAS	y COU, T	S PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 : 8.0	0 I 9 8 1.5	R E C D L G 4	Υ Ι Ο ™ Ε Ε 10.7	} <u>F</u> S 21.3№	R 0 M 1 1 0.8M	<u> </u>	U K E 5 4.5	<u>C</u> E REE 10.7 <sub>M</sub>	A N D S	E L 1 3 0.8	Е V 0 D 1.5м	ATI E <i>G</i> 4.6M	0 N R E E 10.7M	5 21.3M
	704.0	<u>.</u>		0		6	0	υ	Û	Û	Q	٥	0	Û	0	1
	708.8	<u>0</u>	<u></u>	<u> </u>	0	0	6	0	22	0	ġ	3	0	. 0	0	0
	713.6		0	o	<u>0</u>		16	6	1	1	a	Û	0	0	0	0
	716.4	0	. 0	0		0	10	6	3	0	Ø	0	0	0	0	0
	723,2	<u>a</u>	<u>.</u>	0		1	18	8	Ú	. 3	1	3	0	0	6	0
	728.0	э	. 0	0	1	0	0	10	1	Û	9	0	0	0	0	0
B-	732.8	a	Û	0	0	. 0	10	0	3	0	9	8	0	0	0	0
-113	737.6	<u> </u>	11	0	0	0	0	3	12	0	<u>a</u>	0	0	0	0	3
	742.4	3			0	Q	18	0	0		Ô.	0	0	0	0	0
	747.2	0	Ũ	0	6	0	1	24	14	1	0	12	0	0	0	0
	752.0	<u> </u>	Ŭ.	0	0	0	10	3	<u> </u>	6	0	_0	0_	0	0	0
	756.8	3	<u> </u>	0	00	0	0	14		0		O.	.0.	_ 0	0	0
	761.6	С	0	0		,0	37	Û	1	0	Û	0	0	0	0	0
	766.4	a	0	0	3	Ð	6	6	<u>0</u>	1	Q		0	0	6	0
	771.2	0.	00	10	0	0	22	10	. 1	0		0, .	0		0	. 0.
	776.0	С	0	0	0	8	14	12	. 1	. 0		0	0	0	0	0
	780.8		0	0	0	0	12	8	10	0		_0_	0	0	1	0
	785.6	0	Ü	0	0	0	10	1	1	0	1	0	0	0	0	0

	TEST P8	)ISTANCE 800	FROM SOU METERS	JRCE	PUFF REL	EASE TIM Qo Pst	E DATA	ACCUMUL 4.8	ATION ING SECONDS	CREMENT			TOWER	2		
						RELATIV	E CONCENTR	ATION I	N COUNTS	PER TEN	SECONDS					
	SECONDS AFTER RELEASE	0 9 0.8M	∩ T R 8 D 1,5⋈	E G 4.6M	T T O R E E 10.7M	N <u>F</u> S 21.3M	R O M 1 1 0,8M	<u>5 0</u> 4 D 1.5M	<u>Uр</u> Е <u></u> 4.6 <sub>М</sub>	<u>се</u> R E E 10•7м	A N D S 21.3M	F L 1 3 0.8M	E V A 0 D 1.5M	T I E G 4.6M	0_N R E E 10•7M	5 21.3м
	790+4	a	0	٥			0_	3			0 .	10	O	0 .		0
	795.2	0	<u>م</u>	0	n	n	16	0	n	0	<u> </u>	Q	0	1	0_	0
	800.0		Q	0	0	Q	6	6				<b>.</b>	. <b>Q</b> ., ,	0	i. O	0
	804.8	Q		Q	0	0	14			. 0	10	. 0	0	.Q.,	<b>O</b> .	0
	809.6	Q	0	0	<u>_</u>	6	24	14	12	0		0	0	0	<u>0</u>	
·	814.4	a	0	Q		Q	10	16					0	0	0	0
ι 1 1	819.2	, , D_ , _	0	0		1	10	10	<b>1</b> .	Q.	. 3.	. 0	0	. 0	0	0
114	824.0	0	û	1	0	Q	14	18	0	0	<u>é</u>	1	0_	<b>Q</b>		0
4	828.8	0	0	Q	16		0	3		Q	<b>A</b>		<b>0</b>	0, 1	0	0
	833,6	0		0		Q	0	3	0	1		. <u>.</u> 1	0	0	0	0
	836.4	0	0	0	0	0	0	0	0	0	<u> </u>	Q	0	<u>Q</u>	0	
	843.2	00	Q	0	0	6	6	1	<u> </u>	1	3	8	0	0	0	0
	SUMS	9	1	11	27	28	290	185	9 <u>8</u>	18	28	54	0	1	13	4
			<u> </u>			w				· · -					· · · ·	

END OF 85 KH PUFF REPORT

TI (	EST Cl	DI TINC 20	e froi s O meters	SOURCE S	PL 000	UNE RELE 0:00 TO	ASE PERI 0015:28	IOD PST	DATA A	CCUMUL X 38.4 SI	TION INC ECONDS	CREMENT	STA	RT OF DAT 0002:05	A STORA PST	AGE	GROUN	D LEVEL	(1.5 M)
							REL	ATIVE CON	CENTRATI	ON IN CO	OUNTS PI	ER SECONI	)						
		D	I	RE (	C T T	IO 1.	N 5	F R M E	OM TE	S R	O U E	R C L E	E, VA	D E T I (	G O N	RE :	E S		
4	096	098	109	102	104	106	108	110	112	ΤT	<b>TT</b> 0	118	120	122	124	126	128	130	132
U	• 0	• 0	.3	.0	.0	.3	.0	•0	•0	.0	.0	۰0	•0	.0	•0	•0	•0	•0	•0
4	6.8	29.6	14.5	9.0	5.4	3.9	.2	• 0	•0	• 0	.0	•0	• 0	•0	•0	•0	•0	•0	.0
2	56.9	84.0	52.2	44.4	13.3	7.3	.2	•0	•0	•0	• 0	•0	• 0	•0	.0	• 0	•0	•0	•0
4	111.4	150.9	109.3	71.3	34.3	15 <b>.1</b>	5.3	1.4	• 0	.0	• 0	•0	• 0	.0	• 0	•0	.0	• 0	• 0
7	133.8	154.8	180.9	103.8	75,2	S1'1	34.3	4.8	•9	.0	• 0	•0	• 0	•0	•0	• 0	•0	• 0	• 0
4	165.3	182.2	175.7	126.2	70.7	52.8	24.4	32.2	9.9	2,9	.3	•0	• 0	•0	.0	• 0	• 0	• 0	•0
6	191.0	222.8	142.3	130.9	92.9	82.4	95.5	53.3	13.9	3.5	•4	•0	• 0	•0	•0	• 0	.0	• 0	•0
7	181.4	168.6	156.4	185.1	239.0	204.6	140.5	69.2	23.2	1.5	• 0	•0	• 0	.0	.0	• 0	•0	•0	•0
9	127.5	147.0	196.0	305.4	297.6	223.9	144.2	65.5	18.2	1.1	• 0	.0	• 0	•0	• 0	• 0	.0	•0	• 0
8	131.1	237.1	354.8	336.6	305.4	206.7	121.5	38.7	11.4	.3	.0	•0	• 0	•0	.0	• 0	•0	• 0	•0
6	206.4	334.0	406.9	393.9	300.2	152.0	72.6	12.4	• 1	.0	.0	• 0	• 0	•0	• 0	• 0	•0	• 0	•0
3	206.7	362.7	542.3	417.3	276,7	163.2	48.6	2.4	• 0	•0	•0	• 0 •	• 0	•0	•0	• 0	•0	• 0	•0

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9.2	56.9	84.0	52.2	44.4	13.3	7.3	.2	• 0	• 0	• 0	•0	• 0	• 0	• 0	.0	• 0	• 0
55.4	111.4	150.9	109.3	71.3	34.3	15 <b>.1</b>	5.3	1.4	• 0	.0	• 0	•0	• 0	•0	• 0	• 0	.0
8 <b>1 •7</b>	133.8	154.8	180.9	103.8	75.2	SJ'J	34.3	4.8	•9	.0	• 0	•0	• 0	•0	• 0	• 0	•0
143.4	165.3	182.2	175.7	126.2	70.7	52.8	24.4	32.2	9.9	2.9	.3	•0	• 0	•0	.0	• 0	•0
198+6	191.0	222.8	142.3	130.9	92.9	82.4	95.5	53.3	13.9	3.5	•4	•0	• 0	•0	• 0	• 0	.0
175.7	181.4	168.6	156.4	185.1	239.0	204.6	140.5	69.2	23.2	1.5	•0	•0	•0	.0	•0	• 0	•0
150.9	127.5	147.0	196.0	305.4	297.6	223.9	144.2	65.5	18.2	1.1	•0	•0	• 0	•0	•0	• 0	•0
116.8	131.1	237.1	354.8	336.6	305.4	206.7	121.5	38.7	11.4	.3	•0	•0	•0	•0	.0	• 0	•0
142.6	206.4	334.0	406.9	393.9	300.2	152.0	72.6	12.4	•1	• 0	•0	•0	• 0	•0	• 0	• 0	•0
1192+9	206.7	362.7	542.3	417.3	276.7	163.2	48.6	2.4	• 0	•0	•0	• 0	• 0	•0	•0	• 0	•0
115.8	161.9	399.1	511.1	490.3	300.2	100.4	<b>29.</b> 8	5.5	•2	• 0	• 0	•0	• 0	•0	• 0	• 0	.0
90.3	212.7	360.1	479.8	461.6	297.6	155.1	71.5	46.5	21.5	2.0	•0	• 0	• 0	•0	•0	• 0	• 0
62.4	141.3	248.3	399.1	396.5	268.9	263.3	220.5	204.1	68.4	5.9	•5	1.3	•0	•4	• 0	• 0	• 0
49.4	94.4	161.4	268.9	266.3	256.9	249.9	331.4	276.7	79.6	TJ'O	2.1	•8	•2	1.7	• 0	• 0	•0
24.6	47.6	93.9	150.9	181.7	200.4	334.0	404.3	263.7	125.4	14.6	5.2	•1	•5	2.4	• 0	, 0	,0
9•1	36.4	55.6	105.9	110.8	186.1	328.8	518.9	396.5	118.9	43.4	7.6	,8	•1	2.9	• 0	• 0	•0
3.8	16.3	28.5	57,7	65.8	121.0	292.3	586.6	419.9	124.6	18.6	2.4	.3	•2	3.0	• 0	• 0	,0

1.5 10.1 20.6 30.1 39.7 85.1 195.5 511.1 539.7 160.1 39.2 13.4

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1.2	5,8	14.4	23.2	28.0	73.6	172.6	498i <b>.</b> 1	529.3	289.7	154.6	43.1	7.4	•5	1.1	• 0	• 0	•0	• 0	• 0
• 1	2.5	9.6	12.2	19,2	50.2	146.0	344.4	466.8	334.0	118.4	37.7	5,2	1.0	1.3	• 0	• 0	.0	• 0	• 0
• 0	2.6	3.9	8.3	140.8	43.4	127.5	80.1	451.2	328.8	165.3	98.9	30.4	5.2	1.4	• 0	• 0	• 0	• 0	• 0
• Ü	1.1	2.3	3,9	8.2	46,5	112.1	218.6	388.7	378.3	276.7	181.1	27.8	5.5	2.0	•0	• 0	.0	• 0	•0
• 0	.9	1.3	2.9	7.1	41.0	158.8	300.2	409.5	347.0	161.6	41.8	5.0	• 0	.7	.0	• 0	•0	• 0	• 0
• 0	.7	1.0	2.2	10.9	93.9	253.5	422.6	331.4	117.3	17.1	•1	.0	• 0	.8	• 0	• 0	• 0	•0	• 0
• 0	•4	•8	3.0	19.6	165.0	289.7	228.8	111.4	35.3	8.6	1.7	.0	• 0	• 0	•0	•0	• 0	• 0	•0
•3	.0	•2	1.1	120.5	53.8	92.1	169.9	119.9	57.2	14.5	3.0	•0	• 0	•0	• 0	• 0	.0	•0	•0
• 0	.0	•0	.9	4.9	35.1	84.3	94.4	75.4	25.4	5.2	•6	• 0	• 0	•0	.0	•0	•0	• 0	•0
• 0	.0	•1	1.1	14.6	56.7	85,3	56.9	17.9	2.8	.0	•0	•0	• 0	•0	• 0	• 0	.0	•0	• 0
<ul> <li>ບ</li> </ul>	• 0	•0	2.9	24.9	54.3	37.1	17.1	4.8	•3	•0	•0	•0	• 0	• 0	•0	• 0	• 0	• 0	• 0
• 0	• 0	•5	3.4	19.2	36.4	21.3	11.1	3.3	• •5	•0	•0	• 0	• 0	•0	•0	• 0	•0	• 0	• 0
• 0	•0	.0	1.7	139.2	23.6	16.1	7.4	2.2	• 0	•0	•0	•0	• 0	•0	• 0	• 0	•0	• 0	•0
• 0	• Ú	•0	1.8	11.6	15.8	9.0	4.1	1.9	•5	• 0	• 0	•0	• 0	•0	• 0	• 0	•0	• 0	•0
• 0	.0	.0	1.7	7.3	11.4	6.3	3.5	1.5	•1	• 0	•0	•0	• 0	•0	•0	• 0	• 0	•0	• 0
• 0	.0	• 0	•5	4.8	7.4	4.6	2.5	• 4	• 0	•0	•0	• 0	• 0	• 0	• 0	•0	•0	• 0	•0
• 0	•0	• 0	1.4	3.6	4.5	2.5	1.0	• 0	•0	•0	• 0	•0	• 0	• 0	• 0	•0	•0	• 0	•0
• 0	•0	.0	•7	53.8	5.0	1.4	•1	• 0	• 0	•0	.0	•0	• 0	•0	•0	• 0	•0	•0	• 0
• 0	.0	• 0	2.1	3.5	2.2	•7	.0	• 0	• 0	•0	•0	•0	•0	•0	•0	• 0	•0	• 0	•0
• 0	• 0	.2	1.8	2.8	.9	• 0	•0	• 0	• 0	•0	• 0	•0	• 0	•0	•0	•0	• 0	•0	•0
• 0	• 0	•0	1.4	1.3	.2	•0	• 0	• 0	•0	•0	•0	•0	•0	• 0	• 0	• 0	•0	. •0	• 0
•0	• 0	•3	1.6	1.1	.2	•0	.0	• 0	• 0	•0	•0	•0	• 0	•0	•0	• 0	•0	• 0	• 0
• 0	• 0	• 4	•9	23.9	•4	•0	•0	• 0	• 0	•0	•0	•0	• 0	.0	• 0	• 0	•0	• 0	• 0
• 0	• 0	.7	,2	•4	•0	• 0	•0	• 0	• 0	•0	• 0	•0	• 0	•0	.0	• 0	•0	• 0	• 0
• 0	•6	.0	•2	.3	• 0	• 0	.0	• 0	• 0	.0	• 0	.0	• 0	•0	• 0	• 0	• 0	• 0	• 0

• 0	• 0	.0	.0	•0	• 0	.0	• 0	• 0	• 0	.0	• 0	• 0	• 0	• 0	• 0	• 0	•0	•0	•0
•0	.0	.0	.0	• 0	.0	.0	.0	• 0	• 0	.0	• 0	• 0	• 0	•0	• 0	• 0	•0	• 0	•0
•0	• 0	.0	.0	• 0	•0	.0	.0	•0	• 0	• 0	•0	•0	• 0	•0	.0	• 0	• 0	• 0	•0
•0	•0	.0	.0	• 0	• 0	.0	•0	• 0	• 0	•0	.0	• 0	• 0	.0	•0	•0	• 0	•0	、 <b>•</b> 0
• 0	.0	.0	.0	•0	.0	•0	.0	• 0	• 0	• 0	.0	• 0	• 0	• 0	.0	• 0	• 0	• 0	.0

TE: C	3 <b>T</b> 1	DISTANC: 800	E FFOM C D METERS	OURCE	PL 000	ume rele. 0:00 To (	IS. PLRI 015:28	OD PST	D.T0	CU PLATI 38.4 SEC	ON INCR ONDS	THEIT	ריתי C	© OF DATA 0002:05 P	STORACE ST		GROUNI	) LIVEL	(1.5 M)
							RELA	TIVE CONC	MTR.TIC	N COU	MP PER	SECOND							
		D	I R	E C A	T T	I O N	1 I 5	FRO NE	Pi T E	S O R	U F E L	RC EV	, Т 1		GR	E E	S		
094	096 -1	098	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132
•0	•0	.0	.0	• 0	.0	.0	.0	• 0	• 0	• 0	• 0	•0	• 0	•0	• 0	<b>■</b> 0	.0	• 0	•0
• 0	.0	•0	.0	.0	• 0	.0	.0	.0	• 0	• 0	.0	.0	• 0	• 0	• 0	• 0	.0	.0	•0
• 0	•0	.0	.0	•0	.0	• 0	• 0	• 0	• 0	.0	.0	• 0	• 0	•0	• D	• 0	.0	• 0	.0
• 0	.0	.0	.0	• 0	• 0	•0	• 0	• 0	• 0	.0	• 0	• 0	• 0	• 0	• 0	• ()	.0	• 0	• 0
• 0	.0	•0	.0	.0	• 0	•0	.0	• 0	• 0	.0	• 0	• 0	• 0	• 0	• 0	• 0	•0	• 0	•0
• 0	•0	.0	.0	.0	.0	•0	.0	• 0	• 0	.0	.0	• 0	• 0	• 0	.0	• 0	• 0	•0	•0
• 0	.0	•0	.0	.0	• ၁	.0	.0	• 0	• 0	• 0	• 0	• 0	• 0	.0	• 0	• 0	•0	• 0	•0
•0	•0	•0	.0	• 0	.0	• 0	.0	• 0	• 0	• 0	• 0	•0	• 0	.0	• 0	• 0	.0	• 0	• 0
• 0	•0	•0	.0	• 0	.0	• 0	.0	• 0	• 0	.0	• 0	• 0	• 0	•0	• 0	• 0	•0	• 0	• 0
• Ü	• 0	•0	.0	• 0	. ა	•0	• 1	•9	• 0	• 0	.0	.0	• 0	.0	• 0	• 0	.0	• 0	• 0
• 0	•0	•0	.0	• 0	.0	•0	1.1	1.6	•2	• 0	۰.0	• 0	• 0	• 0	.0	• 0	.0	• 0	.0
• 0	.0	.0	.0	.0	.6	1.9	3.1	3.0	1.1	• 0	• 0	.0	• D	.0	• 0	• 0	.0	•0	• 0
• 0	•0	• 0	.0	•5	2.3	3.4	5.1	4.9	2.1	• 1	•0	•0	• 0	• 0	.0	• 0	.0	•0	• 0
• 0	•0	.0	•4	2.9	4.6	6.9	6.7	5.2	2.8	.2	• 0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0
• 0	• 0	• 3	2,1	6.5	6,6	12.4	10.7	6.8	2.7	.0	• 0	•0	• 0	•0	9.7	• 0	• 0	• 0	.0
• 0	.0	2.8	4.4	9.6	12.2	14.6	11.7	8.5	3•1	• 0	• 0	• 0	• 0	.0	• 0	• 0	.0	• 0	.0
• 0	•0	6.2	9.2	15.1	14.3	18.2	14.5	9.6	1.5	• 0	.0	• 0	• 0	• 0	• 0	• 0	.0	• 0	• 0
•7	.0	9.2	12.1	17,9	18.1	25.4	18.0	5.9	•1	• 0	• 0	• 0	• 0	• 0	• 0	• 0	.0	• 0	• 0
1.8	•0	12.5	13.6	22.1	23.8	32.2	16.9	3.9	• 3	.0	• 0	• 0	• 0	.2	• 0	• 0	.0	• 0	• 0
3.1	.0	14.3	17.1	31.1	29.1	28.0	11.7	4.3	•9	• 0	• 0	.1	• 0	.0	• 0	• 0	.0	• 0	• 0

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4.3	•0	19.6	25,9	41.0	31.9	23.2	7.8	2.8	•6	• 0	• 0	•0	• 0	• 0	• 0	• 0	•0	• 0	• 0
7.3	.0	29.6	30.9	42.1	29.6	17.6	6.3	4.0	2.1	1.0	.0	• 0	• 0	•1	•0	• 0	•0	•0	•0
9.8	.0	33.5	31.7	39.2	26.5	16.4	7.8	6.9	8•1	4.2	•3	• 0	• 0	• 0	.0	• 0	• 0	• በ	• 0
10.6	•0	33.5	28.8	34.0	23,9	15.7	11.1	12.8	10.6	3.4	• 4	•6	• 0	• 0	•0	• 0	• 0	•0	• 0
9.6	• 0	31.9	25.9	29.8	22.8	16.1	15.6	22.0	11.3	7.1	3.3	•9	• 0	.0	•0	• 0	۰0	•0	• 0
9.2	.0	31.4	21.4	23.7	23.1	18.8	17.8	22.4	19.0	14.4	4.1	0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
10.3	• 0	23.3	17.7	23.7	19.9	18.1	19.5	31.4	27.0	11.3	1.5	• 0	• 0	• 0	•0	• 0	•0	• 0	• 0
9.9	•0	14.9	13.9	19.3	14.5	15.6	18.1	39.5	27.8	9.9	•7	• 0	• 0	•0	• 0	• 0	•0	• 0	.0
6.8	•0	13.5	11.4	14.1	13.1	14.0	16.9	40.3	28.3	10.7	•9	۰Ú	• 0	• 0	• 0	• 0	.0	•0	• 0
4.1	•0	12.3	7.8	8.9	7.2	10.9	19.8	39.0	25.7	10.6	.7	• 0	• 0	•0	• 0	• 0	•0	•0	• 0
3.6	.0	9.4	7.1	6.7	5.2	9.2	29.3	39.0	20.4	5.8	1.3	• 0	• 0	•0	•0	• 0	.0	• 0	• 0
1.8	•0	5.3	3,5	3,7	4.7	11.4	32.7	31.4	20.2	7.8	2.4	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
1.3	•0	3.4	2.4	3.8	5.6	15.6	32.2	36.1	19.2	6,5	.7	.0	• 0	•0	• 0	• 0	•0	• 0	• 0
•7	• 0	1.8	2.2	3.4	6.6	23.2	37.1	34.8	13.1	1.6	•0	• 0	• 0	•0	•0	• 0	•0	• 0	• 0
•5	.0	1.2	1.2	3,2	6.1	19.9	31.7	27.0	9•1	.8	•0	•0	•0	• 0	.0	• 0	•0	• 0	• 0
•1	•0	•9	•8	2.5	6.5	21.1	31.1	18.8	5.3	• 0	•0	•0	• 0	• 0	• 0	• 0	•0	• 0	• 0
• 0	.0	•1	•7	2.5	5.9	21.4	26.7	14.6	3.2	.0	•0	.0	• 0	.0	• 0	• 0	•0	• 0	• 0
• 0	• 0	•3	•2	4.0	9.6	24.4	19,9	9.5	• 4	• 0	•0	• 0	• 0	• 0	• 0	• 0	•0	• 0	•0
• 0	•0	•3	•7	7.9	14.9	19.4	12.8	3.2	• 0	• 0	.0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
• 0	.0	•1	1.8	9.5	14.4	12.7	6.0	•9	• 0	• 0	•0	•0	• 0	• 0	• 0	• 0	•0	• 0	• 0
• 0	.0	•7	2,2	7.8	12.4	7.1	3.9	•3	• 0	•0	•0	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0
• 0	.0	•9	2.4	7.3	9.8	4.9	2.0	• 0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0	.0	• 0	• 0
• 0	• 0	•9	3,1	5.9	6.3	2.9	•7	• 0	• 0	• 0	• 0	• 0	• 0	•0	•0	•0	•0	• 0	• 0
• 0	• 0	•7	2,3	4.8	4.7	1.1	,2	•0	• 0	• 0	•0	•0	• 0	• 0	•0	• 0	•0	•0	• 0
• 0	.0	1.3	2.4	3.3	1.8	•6	.0	• 0	• 0	.0	•0	•0	• 0	• 0	• 0	• 0	•0	• 0	• 0

• 0	•0	1.7	2.2	1.0	•8	• 0	.0	• 0	• 0	• 0	• 0	• 0	• 0	.0	.0	• 0	• 0	• 0	• 0
• 0	•0	1.4	1,1	•5	• 0	• 0	.0	• 0	• 0	• 0	• 0	.0	•0	•0	.0	• 0	.0	• 0	•0
•2	.0	•3	•1	.2	• 0	.0	• 0	• 0	• 0	• 0	• 0	.0	• 0	.0	• 0	• 0	.0	• 0	• 0
1.3	.0	.0	•1	•0	.0	• 0	• 0	• 0	• 0	.0	• 0	• 0	• 0	•0	.0	• 0	•0	• 0	• 0
1.3	•0	.0	.0	.1	.0	.0	.0	• 0	• 0	.0	•0	.0	• 0	.0	.0	• 0	•0	• 0	•0

## 

TEST Cl	DISTANCE 200	FROM SOUR METERS	CE	PLUL REL A	SE PERICD 0015:28 PST	τı	ACCUMUL 38.4 \$	IION INCH	REMENT	START OF DA 0002:0	TA STORAG 05 P _	E	T	O'ER
					RELAT	IVE CONCE	NTRATION (	IN COUNTS	PER SECON	īD				
AZIMUTH		<b>0</b> 98					114					130		
HEIGHT METERS .8	1.5	3.0	0,1	10.6	•3	1.5	3.0	6.1	10.6	.8	1.5	3.0	6.1	10.6
.0	.0	• 3	.0	•0	.0	•0	•0	٠0	.0	• 0	•0	• 0	•0	•0
14.2	29.6	64.4	ú.2	• 0	.0	•0	• 0	۰0	• 0	• 0	• 0	• 0	• 0	•0
38.2	83.9	107.8	4.2	•0	•0	.0	• 0	۰0	.2	•0	• 0	• 0	• 0	• 0
96.3	150.9	106.2	2.1	•0	.0	.0	• 0	2.9	•2	•0	.0	• 0	• 0	•0
142.5	<u>1</u> 54 <b>.</b> 7	85.1	6.5	• 0	۰O	• 0	•7	11.8	9	١O	•0	• 0	• 0	• 0
152.7	182.1	141.0	18.4	• 0	•8	2.9	15.5	42.0	4.1	• 0	• 0	Ŵ	• 0	'n
160.6	222.8	202.7	33.2	• 0	.3	3.5	17.2	36.1	5.1	•4	Ŵ	• 0	۰O	'n
154.6	168.7	116.6	18.4	•0	• -	1.5	14.8	44.6	6.2	•0	• 0	• 0	.1	• 0
146.5	147.0	89.7	5.2	•0	۰0	1.1	7.8	27.5	13.2	•0	.0	• 0	۰O	• 0
246.0	237.2	150.5	10.4	.0	•0	.3	2.8	10.9	•0	.0	.0	•0	•0	•0
355.9	335.3	226.8	19.6	0	.0	ı٥	•0	٥.	0،	۰0	'n	• 0	• 0	• 0
447 <b>.1</b>	361.5	158.5	5.7	0ı	.0	.9	• 0	•0	•0	۱O	۰O	.0	۰0	• 0
523.7	399.6	156.8	ú.1	0	.0	.0	•0	8.2	2.4	١O	•0	۰O	۰0	• 0
487.5	359.5	115.1	4.7	•0	.2	2.0	12.1	33.2	3.9	Q	•0	۰O	۰O	٥
419.7	248.3	60.9	2.1	•0	.2	5,9	21.1	43.4	L	.3	Q	٩O	0،	•0
294.4	161.4	22.6	.8	•0	5.7	17.0	48 <b>.0</b>	48,5	6.8	.1	ıO	•0	•0	•0
176.7	93.9	10.4	.0	0ı	7.6	14.6	31.5	59.8	TI'T	.2	Ŵ	١O	•0	ı٥
110.9	55.7	9.9	.0	•0	34.5	43.5	63.9	77.3	TIO	.0	.0	• 0	•0	•0
53.5	28.6	7.4	.0	•0	14.4	18.6	15.0	37.6	0	٥,	•0	.0	•0	•0

33,9	20.6	5.7	.0	• 0	20.7	39.1	88.6	148.1	28.0	•0	•0	•0	.3	• 0
26 <b>.0</b>	14.4	3.3	.0	•0	95.1	154.6	242.5	180+4	9.6	• 7	•0	•0	.3	•0
14.2	9.6	1.8	.0	•0	81.7	118.5	165.7	152.3	23.4	.3	.0	•0	.5	•0
7.4	3.9	•5	.0	•0	122.3	165,2	230.9	142.7	6.8	•4	•0	•0	• 4	•0
4.3	2.3	• 0	•0	•0	211.5	276.4	344.6	122.4	5.7	•1	•0	•4	.3	•0
3.1	1.3	•0	.0	•0	154.2	161.6	155.5	54.7	4.8	• 0	.0	•0	.2	•0
1.8	1.0	• 0	.0	۰0	29.2	17.1	10.0	3.4	•0	•0	.0	•0	• 0	•0
2.1	.8	•0	.0	.0	7.8	8.6	11.7	5.3	۰0	.0	•0	•0	•0	•0
•6	.2	•0	.0	•0	10.4	14.5	19.8	1.9	• 0	• 0	•0	•0	• 0	•0
,1	•0	• 0	,0	•0	5.1	5.2	3.4	۰0	• 0	• 0	• 0	•0	• 0	• 0
.0	•1	•0	.0	•0	.0	• 0	•0	۰0	• 0	•0	•0	• 0	• 0	• 0
•2	•0	• 0	.0	•0	.0	•0	•0	+0	•0	•0	•0	• 0	•0	• 0
.2	,5	• 0	.0	•0	.0	•0	۰0	۰0	• 0	•0	•0	•0	•0	•0
•0	.0	• 0	•0	•0	.0	•0	۰0	• 0	•0	•0	• 0	• 0	• 0	•0
•5	.0	•0	•0	• 0	.0	• 0	•0	• 0	•0	• 0	•0	•0	•0	•0
.0	.0	.0	•0	•0	•0	•0	•0	• 0	•0	• 0	• 0	• 0	• 0	• 0
.1	•0	• 0	•0	•0	.0	• 0	•0	۰0	• 0	•0	• 0	•0	• 0	•0
•0	.0	• C	.0	•0	.0	•0	•0	• 0	• 0	.0	•0	• 0	• 0	• 0
.0	•0	• 0	.0	•0	•0	•0	•0	•0	• 0	•0	•0	•0	• 0	• 0
.0	.0	• C	.0	•0	.0	•0	•0	+0	• 0	• 0	• 0	•0	•0	• 0
•2	•2	• C	• 0	•0	.0	• 0	•0	•0	• 0	•0	•0	•0	• 0	•0
.1	.0	• 6	.0	•0	.0	•0	•0	•0	• 0	.0	.0	•0	• 0	•0
1.2	• 3	• C	.0	•0	.0	•0	•0	•0	• 0	۰0	• 0	•0	• 0	•0
.8	.4	• 6	.0	•0	.0	•0	•0	•0	•0	.0	•0	• 0	•0	•0



•7	.7	• ©	.0	•0	•0	•0	•0	٠0	.0	•0	•0	• 0	•0	•0
.5	.0	• 6	.0	•0	.0	.0	•0	•0	•0	•0	.0	•0	• 0	•0
•0	.0	•0	.0	•0	.0	•0	•0	•0	.0	.0	•0	•0	•0	•0
.0	.0	• 0	.0	•0	.0	.0	۰0	•0	•0	•0	•0	•0	•0	•0
.1	.0	• 0	.0	•0	.0	• 0	•0	•0	•0	•0	•0	• 0	•0	•0
• 0	•0	• 0	.0	•0	.0	.0	•0	•0	•0	.0	• 0	•0	• 0	•0
.0	.0	• 0	.0	•0	.0	.0	•0	•0	•0	•0	•0	•0	•0	•0

	TEST Cl	DISTANO 80	EFROMSC 0 MEIERS	URCE	PLUME REL 0000:00 TO	EASE PERIOD 0015:28 PS	) E ST	ADA ACCUM 38.4	ULATION IN SECONDS	REMENT	START OF 0002	DATA STOR 2:05 PST	AGE		
AZIMUTH			<b>0</b> 98			REI	LATIVE COM	VCENIRATION	n IN COUN	IIS PER SECC	ND		130		
HEIGHT METERS	.8	1.5	4.6	10,6	21,0	•8	1.5	4.6	10.6	21.0	•8	1.5	4.6	10,6	21.0
	-1 .0	•0	•0	.0	•0	۰0	• 0	•0	•0	•0	•0	•0	• 0	-1 .0	•0
	.0	•0	• 0	.0	•0	•0	•0	•0	•0	.0	•0	.0	•0	•0	•0
	.0	.0	• 0	.0	•0	.0	•0	۰0	•0	•0	•0	.0	•0	•0	•0
	.0	.0	•0	.0	•0	.0	•0	•0	•0	•0	•0	.0	•0	•0	•0
	.0	.0	•0	.0	•0	.0	• 0	۰0	•0	•0	•0	•0	•0	•0	•0
	.0	.0	÷o	.0	•0	.0	• 0	•0	•0	• 0	.0	.0	•0	•0	•0
	.0	.0	•0	.0	•0	.0	•0	•0	•1	•0	•0	•0	•0	•0	•0
	.0	.0	•0	• 0	•0	.0	•0	•0	•6	•0	•0	.0	•0	•0	•0
	.0	.0	•0	.0	•0	.0	•0	•0	•5	•0	•0	•0	.0	•0	•0
	.0	.0	• 0	.0	•0	• 0	•0	•8	2.8	.0	.0	• 0	•0	•0	•0
	.0	.0	• 0	.0	•0	.0	•0	1.2	3.9	•0	•0	•0	•0	• Ü	•0
	.0	.0	•0	.0	•0	.4	•0	2.1	6.8	.0	• 0	•0	• 0	•0	•0
	.0	.0	• 0	.0	•0	.1	•1	1.9	7.7	•0	•0	•0	• 0	•0	•0
	.0	.0	•0	.0	•0	.0	•2	2.1	6.1	•0	•0	•0	.0	•0	•0
	.0	.3	•1	.0	• 0	•4	•0	3.1	6.7	•0	•0	•0	• 0	• 0	• 0
	.0	2.8	2.6	.0	۰0	.0	•0	•0	•8	.0	•0	•0	•0	•0	.0
	.0	6.2	3.8	.0	•0	.0	•0	•0	•9	.0	•0	.0	•0	•0	•0
	.0	9,2	6.5	.0	•0	•0	• 0	•0	3.7	.0	.0	•0	•0	•0	• 0
	.0	12.8	10.3	.0	•0	.0	•0	1.4	3.6	•0	.0	•0	•0	•0	• 0

.0	14.3	11.4	2.8	.0	•0	•0	• 0	2.3	• 0	• 0	•0	• 0	•0	• 0
.0	19.6	19.7	4.9	•0	۰0	•0	1.3	6.0	• 0	•0	• 0	• 0	• 0	• 0
.0	29.5	31.6	5.6	• 0	• 4	1.0	5.7	11.0	• 0	.0	•0	•0	•0	•0
.0	33.6	31.4	4.2	•0	2.6	4.2	11.3	12.0	•0	• 0	• 0	• 0	• 0	• 0
.0	33,5	22.9	•5	•0	3.4	3.4	5.9	7.9	.0	• 0	•0	.0	• 0	• 0
.0	31,9	22.0	.0	•0	5,1	7.1	20.5	12.6	.0	.0	• 0	.0	• 0	• 0
.0	31,5	13.8	.0	•0	O'ET	14.4	19.4	0.0	• 0	•0	• 0	•0	• 0	• 0
•0	23,3	6.0	.0	.0	11.5	11.3	12.1	11.0	• 0	.0	• 0	•0	• 0	• 0
•0	14.9	2.6	.0	• 0	10.4	9 <b>.</b> 9	16.0	10.0	.3	• 0	• 0	• 0	• Ü	• 0
.0	13,5	4.9	.0	•0	11,7	10.7	16.0	12.2	1.2	•0	• 0	•0	• 0	• 0
• 0	12.3	4.1	• 0	•0	12.0	10.6	8.9	ЯE	• 0	• 0	•0	• 0	• 0	• 0
.0	9,4	4.2	.0	•0	8.4	5.8	9.2	8.5	•0	.0	•0	• 0	• 0	• 0
• 0	5.3	1•4	.0	•0	8.4	7.8	7,9	4•0	• 0	• 0	•0	• 0	• 0	• 0
•0	3.4	•8	.0	•0	5.7	6.5	3.8	1.4	• 0	• 0	.0	• 0	•0	• 0
.0	1,8	•9	.9	•0	3.5	1.6	1.0	• 3	• 0	• 0	•0	•0	• 0	• 0
•0	1.2	•1	.Û	•0	ΤO	• 3	• 0	'n	• 0	• 0	• 0	•0	.0	• 0
•0	,9	• 0	.0	•0	•4	.0	• 0	ı٥	• 0	•0	.0	• 0	• 0	• 0
.0	.1	• 0	.0	•0	۰0	• 0	•0	ı٥	•0	•0	• 0	• 0	• 0	• 0
• 0	,3	• 1	.Û	•0	.0	• 0	•0	•0	• 0	• 0	• 0	• 0	• 0	• 0
.0	•3	• 0	.0	•0	'nO	•0	•0	• 0	• 0	.0	.0	• 0	•0	• 0
•0	•1	•2	.0	•0	.0	• 0	•0	۰0	• 0	• 0	• 0	• 0	• 0	• 0
.0	.7	•7	.0	• 0	۰0	•0	• 0	• 0	• 0	• 0	•0	• 0	•0	• 0
•0	9	.3	.0	• 0	٥,	.0	•0	۰O	• 0	• 0	•0	• 0	• 0	• 0
.0	.9	• 0	.0	.0	.0	.0	• 0	•0	• 0	•0	.0	• 0	• Ú	.0

.0	.7	• 0	.0	•0	.0	•0	•0	•0	• 0	•0	•0	.0	•0	•0
•0	1.3	•1	.0	•0	.0	• 0	• 0	•0	• 0	•0	•0	•0	• 0	• 0
.0	1.7	•9	.0	•0	.0	•0	•0	•0	•0	•0	.0	• 0	• 0	• 0
•0	1.4	• 0	.0	•0	•0	•0	•0	• 0	•0	•0	•0	• 0	• 0	•0
.0	.3	• 0	.0	•0	.0	•0	•0	• 0	•0	•0	•0	• 0	• 0	• 0
.0	.0	• 0	.0	•0	.0	•0	• 0	۰0	• 0	.0	• 0	•0	• 0	• 0
.0	.0	•0	.0	•0	.0	.0	•0	•0	•0	•0	.0	•0	•0	•0

	TEST C2	C I	ISTANCE 200	FROM SOU	RCE	PLUM 0801: :	E RELEASI 50 TO 081	PLRIC	) 5 <b>T</b>	DATA (CC) 30	UMUL:TI 3.4 EC	ON INCI	REMENT	STAR	T CF DAT 0803:23	A STORAC PST	7E	GROUNI	D LEVEL (	1.5 M)
								RELAT	IVE CONCE	NTRATIOI	IN COL	JNTS PE	R SECOND							
	094	096	D 098	I R 100	E C A 102	Т І Т 104	0 N 1 . <b>106</b>	5 108	FRO ME 110	M T E 112	S R S <b>114</b>	0 U 3 <b>116</b>	R C E L <b>118</b>	E, EV 120	D T A T 122	G I O 124	R E N 126	E E 128	130	132
	• 0	•0	• 0	.0	.0	• 0	• 0	•0	• 0	• 0	•0	•0	•0	• 0	1.3	10.2	25.5	42.6	34.2	23.1
	• 0	.0	•0	.0	• 0	.0	•0	• 0	• 0	• 0	.0	• 0	.0	3.1	8.6	13.4	23.6	25.4	23.5	21.0
	• 0	•0	• 0	.0	• 0	.0	•0	.0	• 0	• 0	• 0	2.2	2.4	10.3	27 <b>.7</b>	25.6	26.7	30.9	25.4	17•4
	• 0	• 0	•0	.0	.0	.0	.0	• 0	• 0	• 0	•0	• 0	2.3	11.9	15.9	18.6	20.6	36.1	23.6	10.8
	• 0	• 0	• 0	.0	• 0	• 0	• 0	.0	• 0	• 0	6.0	31.3	33.4	25.6	28.6	29.4	22.3	21.5	14.7	17.4
B -	• 0	• 0	•0	.0	.0	• 0	• 0	• 0	• 0	• 0	,3	8.1	23.7	9.3	21.6	24.6	16.4	10.0	<b>7.</b> 0	1.2
127	• 0	.0	.0	.0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0	•0	9.1	17.2	23.3	22•2	25.0	26.7	42.5
	• 0	•0	.0	.0	.0	. 9	•0	• 0	• Ü	• 9	•0	• 0	• 0	1.7	5.9	16.0	<b>26</b> •0	30.7	44.1	32.6
	• 0	•0	• 0	•0	• 0	• 9	•0	• 0	• 0	•5	2.9	2.5	7.7	26.1	29.8	29.7	32.9	38.3	49.4	55.4
	• 0	• 0	•0	.0	.0	• 0	• 0	.0	• 0	• 0	.0	1.2	3.6	13.1	41.6	44.0	33.5	28.1	18.1	9.9
	•0	.0	.0	.0	.0	• 0	•0	.0	• 0	• 0	•0	• 0	•0	• 0	•9	5.8	16.4	23.6	26.5	19.3
	•0	.0	.0	.0	• 0	• 9	•0	• 0	•0	• 0	.0	.0	• 0	• 0	• 0	•1	3.7	17.7	44.4	52.2
	•0	• 0	• 0	•0	.0	• 9	• 0	.0	• 0	• Ð	•0	•0	.0	•5	1.1	1.2	9.4	42.0	34.0	17.3
	• 0	• 0	.0	.0	•0	• 0	•0	.0	• 0	• 0	• 4	3.9	3.9	13.1	19.6	21.2	31.3	59.2	20.1	4.7
	• 0	.0	.0	.0	• 0	.0	• 0	•0	• 0	•2	2.4	10.6	21.0	33.6	28.4	20.0	13.6	9.8	11.6	5.5
	•0	•0	.0	.0	•0	•0	• 0	.0	• 0	• 0	•0	2.2	16.5	35.6	38.4	37.6	33.7	19.1	23.6	19.6
	• 0	.0	.0	.0	•0	•0	.0	.0	• 0	• 0	•0	.6	4.2	13.3	23.7	31.2	28.3	28.2	35.2	25.6
	• 0	• 0	•0	.0	• 0	.0	•0	.0	• 0	• 0	•0	•2	1.5	6.9	10.7	16.5	24.1	34.8	43.0	34.5
	• 0	.0	•0	.0	• 0	• 0	• 0	•0	• 0	• 0	1.7	10.7	17.1	27.2	26.5	27.5	39.2	40.8	21.0	5.1
	• 0	.0	.0	.0	.0	.0	.0	.0	• 0	•5	3.5	9.6	21.8	40.0	48.3	39.7	26.3	23.2	18.0	15.5

	• 0	•0	• 0	•0	•0	•0	• 0	•0	• 0	•6	5.4	11.5	30.9	32.8	25.5	17.6	8.1	6.7	5,9	3.6
	•0	. • 0	.0	.0	•0	.0	.0	.0	• 0	•7	1.9	4.8	11.8	25.6	23.2	20.7	24•1	17.4	5.6	•1
	• 0	•0	•0	.0	•0	•0	• 0	•0	• 0	• 0	.0	• 0	•0	• 0	3.7	13.8	8.8	1.5	• 0	•0
	• 0	•0	• 0	.0	•0	• 0	.0	.0	• 0	• 0	• 0	•0	• 0	• 0	• 0	• 4	• 0	• 0	• 0	• 0
	•0	•0	.0	•0	• 0	•0	•0	•0	• 0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0	.0	• 0	• 0
	•0	•0	• 0	.0	•0	.0	•0	.0	• 0	• 0	• 0	•0	•0	• 0	• 0	•0	• 0	.0	•0	• 0
	•0	•0	• 0	•0	•0	•0	.0	.0	• 0	• 0	.0	.0	•0	• 0	• 0	.0	• 0	• 0	•0	• 0
	•0	•0	•0	•0	• 0	• 0	•0	•0	• 0	• 0	•0	•0	•0	• 0	• 0	•0	• 0	•0	• 0	• 0
	•0	•0	• 0	•0	•0	• 0	•0	• 0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
	•0	.0	•0	•0	•0	• 0	.0	.0	• 0	• 0	•0	• 0	• 0	• 0	• 0	•0	• 0	•0	• 0	• 0
<b>d</b>	•0	.0	•0	.0	•0	.0	•0	•0	• 0	• 0	•0	•0	•0	• 0	• 0	• 0	• 0	.0	• 0	• 0
0	• 0	•0	•0	•0	• 0	• 0	•0	.0	• 0	• 0	.0	• 0	•0	• 0	• 0	• 0	• 0	•0	• 0	• 0
	•0	•0	•0	•0	•0	•0	• 0	• 0	۰0	• 0	•0	• 0	•0	• 0	.0	• 0	• 0	.0	• 0	• 0
	• 0	•0	۰0	.0	•0	•0	.0	.0	• 0	• 0	.0	•0	•0	• 0	• 0	.0	• 0	• 0	• 0	• 0
	• 0	• 0	• 0	• 0	• 0	•0	• 0	.0	• 0	• 0	•0	• 0	•0	• 0	• 0	• 0	• 0	•0	• 0	• 0
	• 0	•0	•0	.0	• 0	•0	• 0	• 0	• 0	• 0	.0	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
	• 0	•0	•0	.0	•0	• 0	.0	.0	•0	• 0	.0	• 0	•0	• 0	• 0	• 0	• 0	•0	• 0	• 0
	• 0	•0	•0	•0	•0	• 0	•0	•0	• 0	• 0	• 0	• 0	.0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
	• 0	.0	•0	•0	•0	•0	• 0	• 0	• 0	• 0	.0	• 0	• 0	• 0	•0	• 0	• 0	•0	• 0	• 0
	•0	•0	•0	.0	• 0	• 0	•0	• 0	• 0	• 0	.0	• 0	.0	• 0	• 0	.0	• 0	.0	• 0	• 0
	•0	•0	• 0	•0	.0	• 0	•0	.0	• 0	• 0	• 0	.0	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0
	•0	•0	•0	• 0	•0	•0	•0	.0	• 0	• 0	• 0	• 0	•0	• 0	•0	.0	• 0	•0	• 0	• 0
	•0	•0	•0	.0	•0	•0	•0	•0	• 0	• 0	• 0	•0	•0	• 0	• 0	• 0	• 0	.0	•0	•0
	• 0	•0	•0	•0	•0	• 0	•0	•0	•0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0
	•0	.0	.0	.0	•0	.0	•0	.0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0	.0	• 0	• 0

		RELATIVE CONCENTRATION IN COUNTS FOR SECOND																	
			D I	R E	C T À T	I O l	N • 5	F R M	O M E T	S E R	O U E	R C L L	E, VA	D T	E G I O	R E N	E S		
094	096	098	100	102	104	106	108	110	112	114	6	118	120	122	124	126	128	130	132
	-1																		
• 0	•0	ني ۽	• )	.0	• 0	•0	•0	• 0	• 0	• 0	•0	•0	• 0	• 0	•0	• 0	'n	• 0	•0
• 0	•0	• -	• 0	0،	• 0	νO	•0	• 0	0،	• 0	• 0	۰0	ıO	۰0	'n	• 0	'n	•0	• 0
• 0	•0	• U	• 3	• Ü	• 0	•0	• 0	•0	• 0	• 0	• 0	•0	• 0	• 0	• 0	•3	•2	1.6	1.8
• 0	•0	• 0	• 0	,0	.0	• 0	• 0	• 0	• 0	ı٥	• 0	ı٥	ı٥	.0	• 0	1.1	1.1	3.4	9
• 0	•0	•0	.0	.0	د.	•0	٥	۰O	• 0	• 0	.0	•0	'n	.3	•0	3.5	3.8	2.3	.3
• 0	• 0	• • •	• ၁	.0	•0	•0	.0	• 0	• 0	.0	•0	•4	•0	•1	.8	1.9	2.9	•7	.0
• 0	• 0	• •	•0	• 0	• 0	.0	.0	• 0	• 0	.0	.0	• 0	• 0	•0	• 0	3.4	3.0	1.2	• 0
• 0	• 0	• 3	.0	• Ū	•0	• 0	.0	• 0	• 0	.0	.0	• 0	•0	•5	2.8	2.6	2.5	• 0	.3
•0	•0	• 9	• 9	.0	• 0	.0	.0	•0	• 0	• 0	٠Ü	•2	• 0	.0	2.3	3.1	2.0	1.1	• 0
•0	.0	.0	.0	• 0	• 0	•0	.0	• 0	• 0	• 0	•0	•0	•0	•0	•4	2.0	2.9	2.3	1.4
• IJ	•0	• 0	.0	• 0	۰۵	• 0	.0	• 0	•0	.0	• 0	• 0	• 0	• 0	•1	1.4	3.0	1.5	• 4
• Ü	• 0	• 0	•0	•0	.0	• 0	• 0	• 0	• 0	•0	• 0	• 0	• 0	•0	1.3	3.0	5.1	3.3	• 1
• 0	• 0	• 3	.9	۰,0	.0	•0	.0	• 0	• 0	۰0	ıO	• 0	• 0	• 0	•3	2.7	4.9	4.5	•5
• 0	•0	• •	. 3	۰,0	.0	ιO	•0	•0	, 0	ı٥	•0	.0	'n	.0	ı٥	•9	1.6	2.8	•4
• ປ	•0	• 6	• 0	0،	• 0	ı٥	.0	ı٥	0،	۰0	•0	۰0	• 0	• 0	ı٥	1.0	18	۱O	• 0
•0	• 0	• 0	• 3	'n	G	•0	•0	• 0	۰0	۰0	ιO	.0	• 3	.7	.7	1.2	.0	٩O	• 0
∙ U	• 0	• 0	• 3	, 0	• 0	,0	• 0	• 0	۱Ö	0،	'n	•0	'n	4.5	2.2	1.3	•0	• 0	'n
•0	• 0	• -	• 0	.0	.0	• 0	• 0	• 0	• 0	۰0	•0	.0	'n	2.8	3.6	3.0	•0	•0	• 0
•0	• 0	• 5	• ၁	۰O	.0	,0	'n	۰0	• 0	۰0	۵	•0	• 0	.3	3.8	3.8	.7	'n	• 0
• ()	• 0	• 0	. ၁	, 0	• 0	,0	•0	• 0	• 0	• 0	•0	.0	• 0	•5	.7	2.5	2.6	•3	• 0

DATA ACCUMULATION INCREMENT

38.4 SECONDS

· · · · · ·

START OF DATA STORAGE 0803:23 PST GROUND LEVEL (1.5 M)

B-129

TEST

C2

DISTANCE FROM SOURCE

800 MLTERS

PLUME RELEASE PERICD

0801:50 TO 0816:55 PST

• 0	• 0	• 0	• 9	• 0	•0	• 0	.0	• 0	• 0	• 0	•0	• 0	• 0	.3	•9	2.5	3.2	•5	• 0
• 0	•0	• 9	•0	• 0	• 0	• 0	•0	• 0	• 0	•0	•0	• 0	• 0	1.7	4.6	4.3	4.4	.7	• 0
• 0	•0	• 0	.0	•0	. 0	• 0	• Ù	• 0	• 0	• 0	•0	.0	•3	1.9	2.3	2.8	3.0	• 0	• 0
• 0	• 0	• 0	.0	•0	• 0	•0	• 0	•0	• 0	•0	•0	•1	1.1	3.9	1.3	1.2	.7	• 0	• 0
• 0	•0	• 0	.0	•0	• 0	• 0	.0	• 0	• 0	• 0	•0	•0	• 0	1.9	2.1	•5	•0	• 0	•0
• 0	.0	• 0	.0	• 0	• 0	• 0	.0	•0	• 0	•0	• 0	•0	• 0	•0	•6	• 3	•0	• 0	• 0
• U	• 0	•0	.0	• 0	• 0	•0	• 0	• 0	• 0	•0	• 0	•0	• 0	•0	•0	• 0	•0	• 0	•0
• 0	• 0	• 0	• 0	• 0	• 0	•0	• 0	•0	• 0	• 0	•0	•0	•0	• 0	•0	• 0	• 0	• 0	• •0
• 0	.0	•0	• 9	• 0	• 0	•0	• 0	• 0	• 0	• 0	•0	•0	• 0	•0	•0	• 0	•0	•0	•0
• 0	• 0	• 0	.0	• 0	• 0	•0	.0	۰0	• 0	•0	• 0	•0	• 0	•0	•0	• 0	•0	• 0	• 0
• U	•0	.0	• 0	• 0	• 9	• 0	• 0	•0	• 0	•0	•0	.0	• 0	• 0	•0	• 0	• 0	•0	• 0
• 0	• 0	.0	• 0	• 0	• 0	•0	• 0	•0	• 0	.0	• 0	• 1	• 0	• 0	•0	• 0	•0	• 0	• 0
• •)	• 0	•0	•0	• 0	• 0	• 0	• 0	•0	• 0	• 0	•0	•0	• 0	• 0	•0	• 0	• 0	• 0	•0
٠Û	• 0	•0	•0	• 0	• 0	•0	• 0	• 0	• 0	.0	• 0	•0	• 0	• 0	•0	• 0	• 0	• 0	• 0
• 0	• 0	.0	•0	• 0	• ວ	•0	• 0	•0	•0	• 0	•0	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
• 0	• 0	• 0	•0	• 0	• 0	• 0	•0	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
• 0	•0	• 0	•0	• 0	• 0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0	•0	•0	•0
•0	• 0	.0	.0	• 0	•0	•0	.0	•0	• 0	• 0	• 0	•0	• 0	• 0	•0	• 0	• 0	• 0	• 0
• 0	• 0	• 0	.0	•0	•0	•0	.0	• 0	• 0	.0	•0	•0	• 0	• 0	•0	• 0	• 0	• 0	• 0
• 0	.0	•0	•0	• 0	• 0	•0	.0	• 0	• 0	•0	•0	•0	• 0	•0	• 0	• 0	• 0	• 0	•0
٠Ü	• 0	• 0	.0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	•0	•0	• 0	•0	• 0	• 0	•0	• 0	• 0
∙Ü	•0	.0	.0	•0	• 0	• 0	• 0	• 0	• 0	•0	•0	.0	• 0	•0	• 0	• 0	• 0	• 0	• 0
• 0	.0	• 0	•0	• 0	.0	•0	.0	• 0	• 0	• 0	• 0	•0	• 0	•0	• 0	• 0	•0	• 0	• 0
٠Ü	•0	• 9	.0	•0	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	•0	•0	• 0	•0	•0	• 0
• 0	• 0	• 0	.0	• 0	• 0	.0	• 0	• 0	• 0	.0	• 0	• 0	• 0	•0	• 0	• 0	•0	•0	• 0
	TEST C2	DISTANCE 1 200 1	FHOM SOURCI METERS	E (	PLUME RELEA 0801:50 TO 0	SE PERIOD 816:55 PST	DÁT	A ACCUMUL 38.4	TION INCH SECONDS	IEMENT	START OF DA 0803:2	ATA STORAG 23 PST	Ε	Τ	OVER				
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						RELAT	IVE CONCE	NTRATION I	IN COUNTS	PER SECON	D								
AZIMUTH			098					<b>İ1</b> 4					130						
HEIGHT METERS	•8	1.5	õc	0,1	10.6	18	1.5	3.0	6.1	10.6	.8	1.5	OE	6,1	10.6				
	.0	0	•8	.0	ıO	۰0	•0	ı0	۰0	0ı	34.6	34.2	28.7	19.4	17.3				
	0،	۰O	• 6	.0	• 0	• 0	•0	۱O	۰0	0،	23.3	23.5	20.7	10.2	16.1				
	0،	۰0	6،	.0	ıO	۰O	•0	۰O	• 0	۰O	27.4	25.4	27.6	18.4	21.0				
	۰0	ı٥	• 0	.0	.0	.0	•0	•0	• 0	۰0	20.6	23.6	22.8	29.6	30.8				
	0،	ı٥	•0	.0	•0	5.5	6.0	7.3	10.6	11.0	17,9	14.7	13.6	4.8	9.3				
	ıO	•0	• 0	.0	ıO	ıS	•3	•0	۰0	• 0	5.7	7.0	7.6	4.9	5.7				
	•0	.0	• 0	.0	•0	ı0	•0	۰O	۰0	۰0	26.5	26.7	24.0	6.9	14.4				
	.0	.0	• 6	.0	•0	'nO	Q	١O	ı0	ıO	46.8	44.1	45.1	31.9	39.8				
	.0	.0	•0	.0	•0	2,5	2.9	2.3	2.5	1.6	49.5	49.4	45.1	14.8	28.4				
	.0	.0	•0	.0	•0	۰0	•0	•0	۰0	۰0	16.7	18.1	19.5	12.0	16.8				
	.0	.0	• Ú	.0	•0	۰0	۰	• 0	0،	ıO	25.4	26.5	25.4	15.0	21.6				
	.0	.0	• 0	.0	•0	.0	•0	۱O	•0	۰0	44.2	44.4	42.4	33.7	39.0				
	.0	.0	• @	.0	• 0	.0	•0	•0	۰0	•0	35,5	34.0	31.6	12.3	21.9				
	.0	.0	• ©	.0	•0	.0	•4	2.2	3.1	9.0	20.1	20.1	23.0	18.4	24.2				
	.0	.0	• 0	.0	•0	2.9	2.4	3.1	4.6	3.8	12.8	11.6	9.6	2.8	4.9				
	.0	.0	• 6	.0	.0	.0	•0	•0	•0	.1	22.7	23.6	21.4	14.5	15.7				
	ı٥	۰O	• 6	.0	۰0	۰0	• 0	•0	• 0	۰0	32.6	35.2	34.9	22.9	30,4				
	.0	.0	• ©	.0	• 0	.0	•0	•0	۰0	۰O	44.9	43.0	42.0	26.2	30.5				
	۰0	٥,	• ©	.0	•0	2.2	1.7	•6	LS	4،9	19.1	21.0	20.7	11.2	14.9				

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	TESTDIST INCEFROM BOURCEC2200METERS			CE	PLUME RELEA 0801: <i>5</i> 0 TO 0	SE PERIOD 1816:55 PST	DAT	+ ACCUMULA 38-4 S	TION INCH	EMENT	START OF DA 0803:2	ta storagi 3 <b>pst</b>	E	Т	OWER
						RELAT	IVE CONCE	NTRAL'ION I	IN COUNTS	PER SECON	D				
AZIMUTH	ł		098					<b>ž1</b> 4					130		
HEIGHT METERS	•8	1.5	3.0	0,1	<b>10.</b> 6	.8	1.5	3.0	6.1	10.6	•8	1.5	3.0	6.1	10.6
	.0	.0	• ©	.0	• 0	.0	• 0	•0	• 0	•0	34.6	34.2	28.7	19.4	17.3
	.0	.0	• 0	.0	•0	• 0	• 0	• 0	•0	•0	23,3	23.5	20.7	10.2	16.1
	•0	.0	• 6	.0	•0	.0	• 0	• 0	• 0	• 0	27.4	25.4	27.6	18.4	21.0
	.0	.0	• ¢	.0	•0	.0	.0	• 0	•0	• 0	20.6	23.6	22.8	29.6	30.8
	.0	•0	•0	.0	•0	5,5	6.0	7.3	10.6	11.0	17.9	14.7	13.6	4.8	9.3
	.0	.0	• 0	.0	•0	•3	•3	•0	۰0	• 0	5.7	7.0	7.6	4.9	5.7
	.0	•0	• @	.0	• 0	.0	• 0	•0	•0	• 0	26.5	26.7	24.0	6.9	14.4
	.0	.0	• 0	.0	• 0	.0	• 0	• 0	• 0	• 0	46.8	44.1	45.1	31.9	39.8
	.0	.0	•0	.0	•0	2.5	2.9	2.3	2.5	1.6	49.5	49.4	45.1	14.8	28.4
	.0	.0	• 0	.0	• 0	.0	• 0	• 0	•0	•0	16.7	18.1	19.5	12.0	16.8
	.0	.0	• 6	.0	•0	.0	.0	• 0	• 0	• 0	25.4	26.5	25.4	15.0	21.6
	.0	.0	•0	.0	• 0	.0	.0	• 0	• 0	•0	44.2	44.4	42.4	33.7	39.0
	.0	.0	• 8	.0	• 0	.0	.0	• 0	۰0	• 0	35.5	34.0	31.6	12.3	21.9
	.0	.0	• ©	.0	•0	.0	• 4	2.2	3.1	4.0	20.1	20.1	23.0	18+4	24.2
	•0	.0	• 0	.0	•0	2.9	2.4	3.1	4.6	3.8	12.8	11.6	9.6	2.8	4.9
	.0	.0	• 6	.0	•0	.0	.0	• 0	• 0	.1	22.7	23.6	21.4	14.5	15.7
	•0	.0	• 6	.0	•0	.0	• 0	•0	•0	• 0	32.6	35.2	34.9	22,9	30,4
	.0	.0	• 0	.0	.0	.0	• 0	•0	•0	.0	44.9	43.0	42.0	26.2	30,5
	.0	.0	• 0	.0	•0	2.2	1.7	•6	1.5	2.9	19.1	21.0	20.7	11.2	14.9

.0	.0	• 0	.0	•0	3.4	3.5	2.7	1.5	• 0	19.3	18.0	14.8	•8	8.0
.0	.0	• ©	.0	•0	5.0	5.4	4.9	3.5	3.7	6.5	5.9	3.4	•8	1.8
•0	.0	• 0	.0	•0	1.8	1.9	2.1	2.9	1.4	6.2	5.6	4.4	3.4	5.0
.0	.0	• ©	.0	.0	• 0	-0	•0	•0	.0	• 0	•0	•0	• 0	•0
.0	.0	• 0	.0	• 0	.0	•0	• 0	• 0	.0	•0	.0	• 0	• 0	• 0
.0	.0	•0	. 6	•0	.0	.0	•0	• 0	•0	• 0	• 0	• 0	• 0	• 0
.0	•0	• 0	.0	•0	.0	•0	•0	• 0	•0	•0	• 0	• 0	• 0	•0
• 0	.0	• 3	.0	•0	.0	.0	•0	•0	• 0	• 0	• 0	• 0	• 0	•0
.0	.0	•¢	.0	• 0	.0	.0	•0	• 0	•0	•0	•0	• 0	• 0	•0
.0	.0	• ©	.0	• 0	•0	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0	•0
.0	• 0	• ©	.9	• 0	.0	•0	• 0	• 0	• 0	• 0	.0	• 0	• 0	• 0
• 0	.0	• @	.0	• 0	.0	• 0	•0	•0	• 0	• 0	• 0	•0	• 0	• 0
• 0	.0	• 6	.0	•0	• 0	•0	•0	• 0	•0	• 0	• 0	• 0	• 0	• 0
.0	.0	•0	.0	• 0	.0	• •	•0	• 0	•0	•0	• 0	• 0	• 0	•0
.0	.0	• ©	.0	.0	.0	•9	•0	• 0	•0	•0	• 0	• 0	• 0	• 0
•0	.0	• 0	.0	•0	•0	• 0	•0	• 0	•0	• 0	•0	• 0	• 0	•0
• 0	.0	• 0	.0	•0	.0	• 0	•0	•0	.0	•0	•0	• 0	• 0	•0
.0	.0	• 0	.0	• 0	.0	•0	•0	• 0	• 0	• 0	•0	• 0	• 0	• 0
.0	• 0	• ©	.0	•0	.0	• 0	•0	• 0	•0	• 0	•0	• 0	• 0	• 0
• 0	.0	• ©	.ú	• 0	•0	•0	• 0	• 0	•0	• 0	• 0	•0	• 0	•0
.0	.0	• 0	• 0	•0	.0	•0	• 0	• 0	•0	•0	•0	• 0	• 0	• 0
• 0	.0	• 🕸	.0	•0	.0	• 0	• 0	•0	• 0	• 0	•0	• 0	• 0	• 0
.0	•0	•¢	.0	• 0	• 0	.0	• 0	• 0	•0	• 0	• 0	•0	• 0	• 0
.0	.0	• 0	. Ú	• 0	.0	.0	• 0	• 0	.0	• 0	• 0	•0	• 0	• 0

TEST C2	DIS	TANCE FROM 800 METE	I SCURCE IRS	PLU 0801	ME RALEASE : :50 TO 0816	PERICO :55 PST	$9_{\rm A} T_{\rm A}$ , $6$	38.4 SECO	l INCLUERAN NDS	T STAF	T OF DATA S 0803:23 PS	TORAGE ST		TC: EF	
						RELATIVE	CONCENTRA	TION IN C	OUNTS PER	SECOND					
AZIMUTH			<b>0</b> 98					<b>£1</b> 4					130		
HEIGHT METERS	.8	1.5	4.6	<b>10.</b> 6	21.0	•8	<b>1.</b> 5	4 <b>.</b> ó	10.6	21.0	•8	1.5	4 <b>.</b> ó	10.6	21.0
	-⊥ .0	.0	•0	.0	.0	.0	• 0	•0	•0	• 0	• 0	•0	•0	• 0	•0
	.0	.0	• 0	.Û	•0	.0	•0	۰0	• 0	۰0	•0	,0	•0	•0	• 0
	.0	.0	• 0	.0	• 0	.0	•0	•0	• 0	• 0	1.4	1.6	1.5	5.2	2.0
	•0	.0	• ©	.0	•0	۰O	• 😅	۰0	• 0	٥u	3.7	3.4	O.E	4.0	2.9
	.0	•0	•0	.0	•0	.0	• 9	•0	,0	.0	3.5	2.3	2.1	1.0	• 4
	.0	.0	• ¢	.0	۰0	.0	2,	0،	ı٥	.0	1.3	•7	•0	1.2	1.4
	.0	.0	• 0	.0	• 0	.0	• 0	•0	• 0	• 0	2.1	1.2	.8	.9	•5
	•0	.0	•0	.0	٥ı	ıO	.0	•0	• 0	ı٥	۲,	,0	• 0	• 0	• 0
	.0	.0	• C	.0	• 0	.0	•0	• 0	• 0	• 0	1.2	1.1	•2	1.1	•6
	.0	•0	• 0	.0	•0	.0	,0	0،	• 0	۰0	3.6	2.3	2.6	2.9	1.6
	.0	.0	• 6	- 9	•0	.0	<b>-</b> ٤	•0	• 0	• 0	2.3	1.5	1.3	1.8	2.3
	.0	.0	• છે	.0	۰O	.0	٦,	۰0	۰0	• 0	3.4	3.3	3.3	3.0	2.7
	•0	.0	• 6	.0	۰0	ı٥	٦,	ı٥	• 0	.0	5.4	4.5	4.1	3.1	2.1
	• 0	.0	• 0	.0	,0	۰0	•0	0،	•0	• 0	T'E	2.8	2.3	<b>1.5</b>	•6
	.0	.0	• 6	.0	۰O	ı٥	• 3	0،	ı٥	ı٥	۰0	•0	ı٥	• 0	•0
	•0	.0	•0	. Ú	۱Ö	ı٥	• 9	ı٥	•0	ı٥	•0	, 0	0،	• 0	• 0
	.0	.0	• ©	.0	•0	.0	• 0	•0	•0	• 0	.0	•0	• 0	• 0	• 0
	.0	.0	• 0	.0	•0	.0	• 9	• 0	• 0	• 0	•0	•0	•0	• 0	•0
	.0	.0	• 6	.0	.0	.0	.0	•0	•0	• 0	•0	•0	• 0	• 0	• 0

• 0	.0	• 6	.0	• 0	.0	•0	• 0	• 0	• 6	1.0	•3	•8	2.4	1.8
.0	.0	• 0	• 3	• 0	.0	•3	•0	• 0	• 0	1.2	• 5	•9	1.6	• 1
.0	.0	• 6	. ၁	.0	.0	•0	•0	• 0	.0	۰Ó	•7	.9	•7	•7
.0	.0	•0	.3	•0	.0	•0	•0	• 0	• 0	• 0	• 0	• Ú	• 0	• 0
.0	.0	• 5	.0	• 0	.0	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
.0	.0	• 0	. ઉ	•0	.0	• ©	• 0	• 0	• 0	• 0	•0	• 0	• Ü	• 0
.0	.0	• 6	.0	•0	.0	• ¢	• 0	• 0	• 0	.0	• 0	• 0	• 0	•0
.0	.0	• 6	.0	•0	.0	•0	• 0	• 0	.0	• 0	• 0	.0	• 0	• 0
.0	.0	• 0	. 0	• 0	.0	•0	• 0	• 0	.0	• 0	• 0	.0	• 0	• 0
.0	.0	• 3	.0	•0	.0	• •	• 0	• 0	• 0	• 0	• 0	• 0	•0	• 0
• 0	•0	• 0	.0	•0	.0	• ੇ	• 0	• 0	.0	.0	•0	• Ú	• 0	• 0
.0	.0	• C	.0	• 0	• 0	• 0	•0	• 0	• 0	• 0	•0	• 0	• 0	• 0
•0	.0	• 6	.0	.0	• 0	• 🗘	• 0	• 0	٠Û	• 0	• 0	• 0	• 0	• 0
• 0	.0	• ©	.0	.0	.0	• 🗘	• 0	• 0	• 0	•0	• 0	• 0	.0	• 0
• 0	.0	• ©	.0	• 9	•0	• े	۰.0	• 0	• 0	• 0	.0	•0	•0	• 0
• 0	.0	• û	• Ū	•0	• 0	• ಿ	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0
.0	•0	• 3	.0	•0	.0	• ©	•0	•0	• 0	• 0	• 0	• 0	• 0	• 0
•0	•0	• ©	.0	•0	.0	• 0	•0	•0	• 0	.0	• 0	• 0	•0	• 0
.0	.0	• ©	.0	• 0	• 0	•0	•0	• 0	• 0	.0	•0	• 0	• 0	• 0
.0	.0	• 0	.0	• 0	.0	• 2	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
.0	•0	• 0	.0	• 0	.0	• 0	• 0	• 0	• 0	.0	• 0	• 0	• 0	• 0
.0	.0	• 0	.9	.0	.0	• •	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
.0	•0	• 0	.0	• 0	.0	•0	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0
.0	.0	• 6	.0	•0	.0	• ¢	• 0	•0	• 0	• •0	• 0	• 0	• 0	• 0

							كالبطرار بنعا و	nagies (QC)	u antonio de la	ander and CA	an the the								
		Ι	) I .	R E A	C T T	I O l .	N 5	F R	O M S T	s Un	0 U 23	R C L D	Ξ,	D T T	D G C T	R B	B S		
094	096	098	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132
•0	•0	•8	.0	• 0	• 0	•0	• 0	• 0	• 0	• 0	.2	•5	•5	2.4	3.4	2.7	1.3	1.1	•9
• 0	•0	.0	.0	• 0	.0	• 0	•0	• 0	• 0	• 0	• 0	.1	2.2	5.4	16.0	26•6	29.4	29 <b>.7</b>	37.2
• 0	• 0	• C	.0	•0	• 0	.0	•0	• 0	•0	• 0	• 0	•0	• 0	• 0	2.5	11.8	21.9	39.6	67.7
• 0	•0	•0	. 9	•0	• 0	•0	•0	• 0	• 0	•0	• 0	.0	• 0	•2	2.6	10.8	21.9	35.4	43.5
•0	•0	.0	.0	•0	• 0	• 0	•0	• 0	3.4	12.8	18.9	35.4	52.9	60 <b>.9</b>	51.3	38.3	20.1	9.3	1.9
• 0	.0	.0	•0	• 0	•0	• 0	• 0	<b>_</b> 0	• 0	•9	4.5	8,7	29.7	46.6	44.8	43•2	44.3	17.0	5.8
• 0	•0	.0	• 0	.0	•0	•0	•0	• 0	• 9	.5	1.1	4.2	14.4	28,4	33.3	40•1	54.7	45.0	31.0
•0	•0	•0	•0	•0	.0	• 0	.0	• 0	• 0	2.2	8.6	25,0	58.6	50.2	32.0	15.9	11.0	1.1	•0
•0	•0	.0	.0	•0	.0	.0	• 0	•1	7.9	23.9	39.8	60.1	67.2	47.4	30.2	20.7	5.8	• 0	• 0
•0	,0	•0	.0	.0	.0	.0	• 0	• Ü	• 0	•0	•4	13.6	61.7	85 <b>.7</b>	53.9	14.1	1.0	• 0	•0
•0	•0	• 0	.0	•0	• J	•0	.0	• 0	• 0	.0	•1	<b>6.3</b>	40.1	61.4	64.6	35•1	20.1	14.8	6.7
•0	.0	• 0	.0	.0	• J	• 0	1.8	3.6	10.4	22.5	26.6	27.9	28.4	30.7	24.1	18.5	13.5	14.7	20.2
٠Ü	•0	.0	4.9	30.5	44.3	39.8	41.7	38.3	25.0	18,5	9.4	6.2	3.2	•2	•0	• 0	•0	• 0	• 0
• 0	,0	•2	5.9	17.6	23.8	27.9	18.0	18.2	23.7	30.7	14.6	1.1	•0	• 0	•0	• 0	•0	• 0	• 0
•0	2.0	6.2	14.1	20.9	34.4	53.6	51.6	29.2	19.2	8.7	1.8	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0
•6	5,8	20.3	24.7	33.1	38,8	60.4	89.3	86.7	71.3	37.0	4.9	• 0	• 0	•0	.0	• 0	•0	• 0	• 0
٠Ũ	•0	.0	.0	1 <b>.1</b>	6.9	29 <b>.7</b>	44.8	59.6	71.6	71.6	52.3	21.5	17 <b>.</b> ó	3.3	•2	• 0	• 0	• 0	•0
•0	.0	.0	.0	• 0	.0	•0	•0	• 0	•9	3.0	17.8	24.7	24.5	13.5	12.6	15.1	17.6	16.7	8.7
• 0	.0	.0	.9	.0	•0	•0	.0	• 0	• 0	•0	•0	•2	2.5	4.2	25.8	39.1	52.9	53.6	42.7
•9	.0	.0	.9	• 0	•9	•0	.0	• 0	• 0	.0	• 0	• 0	• 0	•0	•1	3.0	22.8	38.0	46.6

#### ALLANIVO COMO MIGNICON IN COUVES PER SUCOND

JATA ACCUPULATION LNCS SAN NT

38.4 5 CONDS

PLUME RELEASE PERIOD

1101:25 TO 1115:40 PST

TEST C3 DISTANCE FROM SOURCE

200 METERS

G JUND L VEL (1.5 M)

STATT OF DATA STOLACE LLOL: 21 PST

• 0	• 0	.0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0	4.4	39.3	69.0	67.4
• 0	•0	.0	.0	.0	• 9	.0	.0	• 0	• 0	• 0	•0	•0	• 0	.0	ñ <b>.</b> 3	23.7	41.7	43.5	47.9
• 0	.0	.0	.0	•0	•0	•0	• 9	• 0	• 0	.7	4.9	11.7	17.2	17.0	29.2	45.0	23.6	20.0	26.8
•0	.0	• 0	.0	• 0	• 0	•0	• 3	• 0	1.7	7.2	27.6	16.3	7.1	1.7	1.5	• 0	•0	• 0	• 0
• 0	•0	.0	•0	• 0	• 9	• 0	• 0	• 0	• 0	• 4	6.0	7.7	10.2	27.6	19.4	6.3	•6	• 0	• 0
• 0	•0	•0	•0	•0	• 0	•0	• 0	• 0	• )	•0	• 0	• 0	• 0	.0	• 0	• 0	0.	• 0	• 0
• 0	• 0	•0	•0	• 0	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0	• 0	.0	• 0	• 0	<b>۵</b> û	• 0	• 0
• 0	• 0	.0	.0	• 0	.0	• 0	.0	• 0	• 0	•0	• 0	•0	• 0	• 0	• 0	• 0	۰۵	•0	• 0
• 0	• 0	• 0	.0	• 0	.0	•0	• 0	• 0	• 0	•0	• 0	• 0	• Ü	• 0	.0	• 0	0.	• 0	.0
• 0	.0	• 0	.0	• 0	• 0	• 0	•0	• 0	• 0	.0	• 0	• 0	• 0	.0	• 0	• 0	•0	• 0	• 0
•0	.0	• 0	.0	• 0	• 3	• 0	.0	• 0	• 0	•0	• 0	• ປິ	• 0	• 0	.0	• 0	•0	• 0	• 0
• 0	.0	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0	.0	•0	• 0	۰Ü	• 0	• 0	• 0	• 0	• 0	• 0
• 0	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0	• 0	• 0	•0	• 0	• 0
• 0	• 0	•0	.0	• 0	• J	• 0	• 0	• Ü	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0	•0	• 1	• 0
•0	.0	• 9	• 3	• 0	•0	•0	• 0	• 0	• 0	.0	۰0	• 0	• 0	• 0	• 0	• 0	•0	• 0	•0
• 0	.0	.0	.0	•0	.0	•0	.0	• 0	• 0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0	•0
• 0	•0	•0	• 0	• 0	.0	• 0	• 0	•0	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
• 0	•0	•0	.0	•0	• 3	•0	• 0	• 0	• 0	.0	•0	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0
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• 0	• 0	• 0	•0	•0	• 3	• 0	•0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
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TE: Ci	3T 3	DISTANCE 800	FROM SO METERS	URCE	PL 110	UNE RELEA 1:25 TO 1	SE PERI 11 <b>5:</b> 40	OD PST	DATA A	CCULULAT 38.4 SE	ION INCI CONDS	REFERT	STA	RT OF DAT 1101:21	'A STORA( PJT	Æ	GROUND	LEVEL	(1.5 M)
							. tela	TEVE CONC	Mraar:	EON IN CO	uns Pa	a Second							
		D	I R	E C A	T 1	I O l.	N 5	F R (	0 M T	 й	U O E	R C L E	E, ⊽Å	D T I	E G O N	RE	E S		
094 —.T.	096	098	100	102	104	106	108	ЩО	112 -1	114	6	118	JZO	122	124	126	128	OET	132
<u>-</u>	• 0	,0	.0	, 0	.0	,0	.0	,0	,0	•0	• 0	•0	• 0	• 0	.0	• 0	•0	• 0	•0
• 0	• 0	.0	• 0	• 0	.0	•0	•0	•0	• 0	•0	•0	.0	• 0	,0	,0	,0	•0	• 0	•0
• 0	.0	• 0	• 0	• 0	• 0	.0	•0	•0	• 0	• 0	•0	•0	• 0	,0	•0	• 3	•6	2.0	2.5
• 0	• 0	• 0	.0	• 0	.0	• 0	• 0	• 0	• 0	• 0	•0	•0	• 0	.0	,0	•5	2.4	3.6	2.5
• 0	•0	• 0	• 0	•0	.0	.0	.0	• 0	• 0	.0	.0	•0	• 0	.0	,0	• 0	•9	4.2	4.8
• 0	•0	• 0	• 0	•0	• 0	• 0	•0	• 0	• 0	• 0	.0	• 0	•0	.2	.2	•9	2.8	2.5	1.0
• 0	•0	• 0	.0	.0	.0	• 0	.0	• 0	• 0	•0	•0	•6	•9	5.0	3.3	1.1	.7	• 0	•0
• 0	•0	• 0	.0	.0	•0	• 0	.0	• 0	• 0	• 0	•0	•0	• 0	•6	2.5	3.6	5.0	2.4	,0
• 0	•0	.0	.0	.0	•0	•0	•0	•0	• 0	•0	•0	•0	1.7	4.9	4.7	5.0	OE	2.0	•7
• 0	•0	.0	.0	.0	.0	• 0	.0	• 0	•0	•0	•0	• 0	•5	3.8	4.5	5.2	.8	,0	,0
• 0	•0	• 0	.0	.0	•0	• 0	•0	• 0	• 0	•0	•0	• 0	2.2	4.3	2.0	•5	•0	,0	,0
• 0	•0	• 0	.0	•0	.0	•0	.0	• 0	• 0	•0	.0	•0	• 1	1.5	•8	1.3	1.5	,0	•0
• 0	.0	•0	• 0	•0	.0	,0	۰,0	• 0	٥,	•0	,0	* 1	•3	1.7	1.9	2.2	1.3	• 0	•0
• 0	.0	• 0	• 0	•0	,0	•2	•6	• 3	• 0	1.2	,6	•4	•5	.3	,0	• 0	,0	,0	• 0
• 0	•0	•0	.0	.0	•1	1.1	2.6	3.2	• 0	.8	•0	•0	• 0	•0	,0	•0	•0	•0	,0
• 0	•0	• 0	.0	•0	1.0	4.4	6.1	1.8	•0	,0	•0	.0	• 0	,0	,0	,0	•0	• 0	•0
• 0	•0	.0	.0	• 0	5.0	5.5	5.7	• 0	• 0	•0	•0	•0	,0	۰,0	•0	•0	,0	• 0	• 0
• Ü	.0	• 0	.0	.0	.0	3.0	2.3	1.3	• 0	•5	.8	•0	• 0	,0	•0	• 0	•0	•0	• 0
• 0	• 0	.0	• 0	• 0	.0	.0	.0	• 0	• 0	.2	3.6	2.4	1.3	• 0	• 0	•0	.0	• 0	• 0
• 0	• 0	•0	.0	• 0	•0	.0	•0	• 0	• 0	•0	•0	•0	• 0	•7	1.3	3.2	2.5	•0	•0

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B-137

• 0	.0	• 0	.0	•0	• 0	• 0	•0	• 0	• 0	•0	•0	•0	• 0	.0	•0	1.0	1.4	•9	1.3
• 6	•0	•0	• 0	•0	•0	•0	.0	•0	• 0	.0	•0	•0	• 0	•0	.0	• 0	• 0	•6	6.1
• 0	• 0	• 0	•0	• 0	.0	•0	•0	•0	•0	.0	.0	.0	• 0	•0	•0	• 0	•4	1.2	7.3
• 0	•0	.0	• 0	•0	• 0	•0	•0	•0	•0	.0	.0	• 0	•1	•0	.0	•5	1.3	1.8	5.4
• 0	•0	•0	.0	.0	•0	•0	• 0	•0	• 0	•0	1.2	2.4	1.7	.3	.2	• 0	•4	•2	•0
• 0	• 0	•0	.0	•0	•0	•0	• 0	•0	• 0	•0	•2	1.1	•5	• 0	•0	• 0	•0	•0	•0
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TES C3	5Т 3	DISTANCE F 200 M	ROM SOURCE ETERS	F 11	LUME RELEA .01:25 TO 1	ASE PERIOD L115:40 PST	DATA	ACCUMULAT 38.4 SE	ION INCRE CONDS	MENT	START OF DA	TA STORAGE 1 PST	3	TO	WER
						RELATI	IVE CONCEN	TRATION IN	COUNTS P	YER SECON	)				
AZ∎MUTH			098					<b>ž1</b> 4					130		
HEIGHT METERS	.8	1.5	3.0	ö.1	10.6	•8	1.5	3.0	6.1	10,6	.8	1.5	3.0	6;1	10.6
	۰0	.0	• 0	.0	•0	.1	•0	۰0	۰0	•0	.5	1.1	2.2	3.4	4.6
	.0	.0	•0	.0	•0	.0	.0	•0	•0	•0	29.9	29.7	29,9	20.0	27.4
	.0	.0	.0	.0	.0	.0	.0	•0	•0	•0	37.7	39.6	39,5	32.0	42.0
	.0	.0	•0	.0	•0	.0	.0	•0	•0	•0	36.1	35.4	32.9	17.7	28,4
	.0	.0	• 0	.0	.0	10.8	12.8	10.6	9.2	3.6	8.7	9.3	8.5	2.5	4.8
	.0	.0	•0	.0	•0	1.8	•9	•5	•6	.8	18.5	17.0	18.4	12.5	15.8
	.0	.0	•0	.0	.0	.7	.5	1.0	• 5	.0	41.5	45.0	45.4	18.0	33.9
	.0	.0	• 0	.0	.0	1.5	2.2	2.4	2.4	2.9	1.2	1.1	1.7	•0	.4
	.0	.0	•0	.0	•0	24.4	23.9	24.5	22.8	16.0	•2	•0	.0	.0	.0
	.0	.0	• 0	.0	•0	.0	.0	•0	•0	•0	•0	•0	.2	2.6	•6
	.0	.0	.0	.0	.0	.0	•0	•0	۰0	•0	13.4	14.8	16.3	12.7	16.0
	•0	.0	• 0	.0	.0	25.3	22.5	18.7	18.1	11.0	16.5	14.7	11.9	<b>2.</b> 6	7.3
	.0	.0	• 0	.0	1.1	17.6	18.5	18.9	17.6	12.3	•0	.0	• 0	.0	•0
	.0	•2	• 4	1,8	1.0	27.4	30.6	30.3	24.3	22.1	•0	.0	•0	•0	•0
	5.9	6.2	9.9	8.9	7.3	9.4	8.7	9.1	10.8	6.8	.0	.0	•0	• 0	•0
	20,8	20.3	16.0	8,9	2.6	34.7	36.9	38.9	30+1	18.6	•0	•0	.0	•0	•0
	.0	.0	•0	.0	•0	77.3	71.6	65.6	40.9	21.6	•0	•0	.0	.0	•0
	.0	.0	• C	.0	•0	3.7	3.0	2.4	4.9	1.8	13.9	16.7	18,9	16.7	18.3
	.0	.0	• C	.0	.0	.0	.0	•0	•0	.0	49.9	53.6	54.3	32.2	45.8

· · ·

.0	.0	• 0	.0	• 0	.0	.0	•0	• 0	•0	34.9	38.0	34.6	19.5	30.4
.0	.0	• 0	.0	.0	.0	• 0	•0	• 0	• 0	72.4	69.0	61.3	18.3	35.8
.0	.0	• @	.0	.0	.0	• 0	•0	• 0	• 0	46.5	43.5	36.1	6.1	23.1
.0	.0	• 0	•0	•0	•7	• 7	1.3	4.1	1.6	18.7	20.0	17.8	5.8	14.9
.0	.0	• 0	.0	•0	7.6	7.2	7.4	8.6	9.3	• 0	• 0	• 0	• 0	•0
.0	.0	• 0	,0	•0	•6	•4	• 1	• 4	.0	• 0	.0	• 0	• 0	•0
.0	•0	• 0	.0	•0	.0	•0	•0	• 0	۰0	•0	•0	• 0	• 0	•0
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1	test C3	DISTANCE 800	FROM SOURC MET :RS	E 1	PLUM RELEAS 101:25 TO 11	5 P RIOD 15:40 PST	DATA	ACCUALA 38.4	ALIO IC" POUDS	. 1 1911	DIAN ( DA 1101:2	ra bitumu. 1 P51	l	TC	). /ER
						Ralady	NIN CONCLE	rarni 1	0 - COU 25 -	P S. COM	)				
AZIMUTH			<b>09</b> 8					114					130		
HEIGHT METERS	.8	1.5	4.6	10,6	21.0	•8	1.5	4.6	10.6	21.0	•8	1.5	4.6	10,6	21.0
	.0	•0	•0	.0	•0	.0	•0	٥	١O	•0	.0	ı٥	۰O	•0	•0
	.0	•0	• 0	.0	•0	.0	•0	۰0	•0	•0	٩O	۰O	•0	•0	•0
	.0	.0	•0	۰0	•0	٥	ιO	0،	۰O	•0	2.9	2.0	2.3	1.7	.2
	.0	•0	•0	.0	•0	.0	•0	•0	• 0	.0	3.9	3.6	4.1	3.5	л
	.0	•0	• 0	.0	• 0	۰O	•0	۰0	۰0	•0	5.4	4.2	4.3	4 <b>•</b> 8	2.2
	.0	.0	•0	•0	•0	.0	•0	•0	• 0	• 0	4.1	2.5	2.4	1.1	Ŵ
	.0	•0	•0	.0	•0	۰O	•0	ı٥	۰0	• 0	٥	•0	ıO	•0	•0
	.0	•0	•0	,0	•0	۱O	Û	•0	۰O	•0	4.2	2.4	2.6	4.1	4.1
	.0	.0	• 0	.0	•0	.0	•0	ı٥	Ju O	•0	2.2	2.0	BI	1.7	•0
	.0	.0	• 0	.0	•0	.0	ıO	ı٥	۰0	•0	۱O	• 0	• 0	-O	•0
	.0	.0	•0	.0	•0	.0	۰O	۰0	ıO	• 0	۰O	•0	ıO	۰O	•0
	.0	.0	7.4	.0	•0	.0	•0	ı٥	۰0	• 0	۰O	۰O	• 0	•7	.2
	.0	• 0	• 0	.0	•0	.0	.0	۰0	۰O	.0	.7	۱Ö	•0	.3	•0
	.0	.0	• 0	.0	•0	1.1	1.2	0,5	TT	.1	•0	ıO	• 0	•0	• 0
	.0	•0	•0	.0	•0	1.3	•8	•5	•1	•4	•2	۰O	ıO	• 0	۵
	.0	.0	•0	.0	• 0	۰O	'n	۰0	۰0	.0	•0	•0	• 0	• 0	۰O
	.0	•0	.0	.0	•0	.0	.0	•0	• 0	•0	•0	• 0	.0	•0	•0
	.0	• 0	• 0	.0	.0	1.1	•5	1.1	1.9	1.9	• 0	•0	•0	• 0	•0
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.0	.0	• 0	.0	•0	.0	• 0	•0	• 0	• 0	1.2	•9	.8	1.7	1.4
.0	.0	• 0	.0	• 0	.1	.0	• 0	۰0	•0	1,1	•6	•2	• 4	•7
•0	.0	• 0	.0	•0	.0	• 0	• 0	۰0	• 0	1.6	1.2	1.6	1.7	1.1
•0	.0	• 0	.0	•0	.0	• 0	• 0	• 0	.0	2.3	1.8	1.7	2.0	2.1
.0	•0	• C	.0	•0	.0	•e	•0	۰0	• 0	• 4	.2	•0	• 0	• 0
.0	.0	• 0	۰.0	• 0	.0	• 0	•0	• 0	• 0	.0	• 0	• 0	• 0	• 0
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.0	.0	• 0	.0	•0	•0	•0	•0	•0	• 0	•0	• 0	• 0	• 0	• 0
.0	•0	• 0	.0	•0	• 0	·e	۰0	• 0	• 0	• 0	• 0	• 0	•0	• 0
•0	.0	• 0	.0	•0	.0	•0	۰0	۰0	• 0	• 0	• 0	• 0	• 0	• 0
•0	.0	• 0	.0	•0	.0	•0	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
.0	.0	• 0	.0	•0	.0	• 0	۰0	•0	.0	• 0	.0	• 0	•0	• 0
•0	•0	• 0	.0	•0	• 0	• 0	•0	• 0	• 0	•0	• 0	• 0	•0	• 0
•0	•0	• 0	.0	•0	• 0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0
.0	.0	• 0	.0	•0	• 0	•0	•0	۰0	• 0	• 0	• 0	• 0	•0	• 0
.0	.0	• 0	.0	•0	• 0	•0	۰0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
.0	.0	• 0	.ú	•0	• 0	.0	•0	• 0	• 0	•0	.0	• 0	• 0	• 0
.0	.0	• 0	.0	•0	•0	•0	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0
.0	.0	• C	.0	•0	.0	•0	•0	۰0	•0	.0	• 0	• 0	• 0	.0

	TES C4	T F	DISTANCE 200	FROM SO METERS	UI CE	PLU 1104	1 RELA :30 TO 1	S - PERI 114 <b>:</b> 28	OD P3T	DATA A	ACCUI ULA: 38.4 SI	TION INC COIDS	i MENI	302	' OH DAT 1104:54	TA STORAG 4 PST	Ĩ	GROUM	DLVL(	(1.5 M <b>)</b>
								RELA	TIM: CON	[CENTRAT]	ION IN CO	OUNTS PP	ir SSCOND							
			D	IR	E C A	T T	I O I .	N 5	F R L	O M Z T	S E R	U O E	R C L E	E, V Á	G T T	L G O U	n Z	H 5		
	094	096	098	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132
	•0	.0	.0	.0	•0	• 0	•0	•0	•0	2.8	6.3	7.2	8.6	18.1	22.1	26.4	32.2	29 <b>.9</b>	38.1	39.7
•	•0	•0	• 0	.0	• 0	•0	4.7	26.8	34.0	46.1	87.0	149.8	167.5	149.0	114.3	100.6	73.2	65,9	70.9	60.2
	•0	• 0	• 0	.0	• 0	•0	3.1	21.9	63.7	162.9	146.5	104.2	60.2	61.7	63.8	33.1	9.1	1.6	•5	•4
	•0	• 0	•0	.0	•0	•0	•0	.1	4.3	14.5	44.1	59.0	115.3	118.8	102.7	87.3	63.9	33.5	31.8	19.3
	•0	• 0	• 0	•0	• 0	•0	•0	.0	• 0	•0	5.1	32.3	37.9	73.8	98.2	62.8	26.5	24.1	9.8	4.0
	•0	.0	•0	.0	.0	• 0	•0	•0	• 0	•6	7.3	11.5	15.0	31.2	58,9	84.2	80.5	72.6	55.1	31.0
μ	•0	• 0	• •0	.0	.0	.0	•0	.2	6.4	42.8	52.3	57.3	77.8	85.8	98.2	108.8	82.4	95.7	33.4	8.2
143	•0	•0	• 0	•0	•0	.0	•0	•0	• 0	• 0	. 6	1.3	4.4	6.2	9.6	7.8	15.1	15.3	25.0	12.4
	•0	• 0	.0	.0	.0	•0	•0	.0	•0	• 0	•0	•0	• 0	•0	• 0	•0	•0	•0	•0	0
	•0	•0	•0	.0	• 0	•0	•0	.0	• 0	• 0	.0	•0	• 0	• 0	.0	• 0	• 0	• 0	•0	•0
	•0	•0	•0	.0	•0	•0	•0	.0	•0	• 0	• 0	.1	.9	3.4	10.3	20.9	26.2	26.4	26.9	25.3
	•0	.0	.0	• 0	.0	.0	• 0	.0	• 0	• 0	•0	•0	.0	• 0	• 0	3.0	7.7	11.0	15.0	11.1
	• 0	.0	•0	•0	.0	•0	.0	•0	۰0	• 0	•0	.0	•0	• 0	• 0	•0	• 0	.0	3.3	4.0
	•0	.0	•0	•0	.0	.0	•0	.0	• 0	• 0	.0	•0	• 0	•0	•0	.9	16.7	24.7	44.5	42.1
	•0	•0	• 0	.0	• 0	.0	•0	.0	• 0	• 0	.0	.0	•0	• 0	.0	•0	1.9	6.5	21.6	26.7
	• 0	•0	•0	.0	•0	• 0	•0	•0	• 0	• 0	•0	1.5	2.8	6.4	5.5	4.0	7.8	4.1	1.0	1.0
	• 0	•0	• 0	•0	•0	• 0	•0	•0	• 0	•0	•2	7.0	6.5	10.8	17.2	24.5	18.8	7.7	6.7	5.4
	•0	•0	.0	•0	•0	•0	• 0	.0	• 0	• 0	.0	•0	.0	• 0	•0	•0	• 0	•0	•0	• 0
	•0	•0	•0	.0	•0	.0	•0	.0	•0	•0	.0	•0	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0
	• 0	•0	• 0	.0	•0	.0	•0	• 0	•0	• 0	.0	.0	•0	• 0	.0	• 0	• 0	.0	.0	•0

1 <sup>1</sup> *t* 1 1

TE C	ST 4	DISTANCE 800	FROM S M.T.RS	OURCE	PI 110	UNE RILV. 4:30 To 1	5 P AI 114:28	od PST	באז'ואΩ ו	0000 (C.). 38•4-3	INE TO OCLUS	a. 10117	A'd.	ar of dat 1104:54	la stolaŭ , PST		GROU	) TIM P (	1.5 H)
							مداردته د	AINE JOB	a hunni	to in co	UES P								
		D	I	R E I	C T T	I O l .	N 5	Fil L	O M A T	ز اند 11	o U	R C L B	E, V A	D T I	EG: ON	R E	e s		
094 -1	096	<b>0</b> 98	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	<b>13</b> 0	132
•0	•0	•0	.0	•0	•0	• 0	.0	• 0	• 0	.0	•0	• 0	• 0	.0	•0 `	• 0	.0	• 0	•0
•0	.0	•0	.0	• 0	•0	•0	• 0	• 0	• 0	• 0	•0	.0	• 0	•0	•0	•0	.0	•0	• 0
•0	•0	• 0	.0	•0	.0	•0	•0	•0	•0	•0	•0	.0	• 0	•0	.0	• 0	• 0	•0	•0
• 0	.0	• 0	•0	.0	•0	•0	• 0	• 0	• 0	.0	•5	<b>.</b> 6	1.4	1.6	.9	3.7	2.0	.0	• 0
• 0	•0	• 0	.0	.0	.0	•0	•0	•0	•6	3.6	9.9	10.6	8.0	3,3	1.4	1.1	1.0	•1	• 3
• 0	.0	• 0	.0	•0	.0	•0	• 0	•0	• 0	•4	7.2	13.6	7.9	5.1	1.5	• 0	.0	•0	•0
• 0	•0	• 0	•0	•0	.0	•0	•0	• 0	• 0	1.6	5.6	10.9	6.5	5.0	3.8	2.7	•8	.2	.2
• 0	• 0	• 0	.0	.0	.0	• 0	•0	•0	• 0	.0	•0	.3	1.9	1.1	1.4	1.2	1.4	1.1	1.8
•0	<b>.</b> 0	• 0	.0	•0	•0	•0	•0	• 0	• 0	•0	• 0	.3	1.0	1.9	• 4	•5	•0	• 0	•0
•0	•0	• 0	.0	.0	•0	•0	•0	• 0	• 0	.0	• 0	• 0	• 0	.7	1.3	2.1	1.7	1.0	• 0
• 0	•0	• 0	.0	• 0	•0	• 0	.0	• 0	• 0	•0	• 0	•0	• 0	•0	• 0	• 0	•0	• 0	• 0
• 0	•0	.0	.0	.0	•0	•0	• 0	• 0	• 0	•0	•0	•0	• 0	• 0	•0	• 0	.0	• 0	• 0
•0	•0	• 0	.0	.0	•0	•0	•0	•0	• 0	•0	.0	.2	•0	• 0	•0	• 0	•0	• 0	•0
•0	•0	• 0	•0	•0	• 0	• 0	•0	•0	• 0	•0	.0	•0	• 0	• 0	•0	• 0	•0	•0	•0
•0	• 0	• 0	.0	•0	• 0	•0	.0	•0	• 0	•0	.0	•0	• 0	•0	•0	• 0	•0	•0	•0
•0	•0	• 0	•0	•0	•0	•0	.0	• 0	• 0	• 0	• 0	•0	• 0	• 0	•0	• 0	•0	• 0	•0
•0	•0	•0	•0	.0	•0	•0	.0	•0	• 0	.0	• 0	•0	•0	•0	.0	• 0	.1	.0	•0
• 0	• 0	•0	.0	•0	.0	• 0	•0	• 0	• 0	.0	•0	•0	• 0	•0	• 0	• 0	•0	•0	•0
•0	•0	•0	.0	•0	• 0	•0	.0	• 0	•0	•0	•0	.0	• 0	•0	•0	• 0	•0	•0	•0
•0	.0	• 0	.0	.0	•0	•0	•0	•0	• 0	•0	.0	•0	• 0	• 0	• 0	• 0	• 0	.0	•0

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TE C	ST 4	DISTAC H 200 H	ноі во <mark>ис,</mark> Етло	1	PLUME RELEA LO4:30 to 1	SE PERIOD 114:28 PST	DATA	ACCUI ULAI 38.4 SE	FION INCR	i NT	STA (1 Or DAT 1104:54	A_SIORAGE PST		ТО	121R
						RELAT	IVE COIC I	TIO IN	COUL? I	1100 c E	)				
AZJMUTH			098					114					130		
HEIGHT METERS	.8	1.5	3.0	0,1	10.6	•8	1.5	3.0	6.1	10.6	•8	1.5	3.0	6.1	10.6
	.0	.0	• 0	•0	•0	5,6	6.3	6.6	5.6	4.3	33.7	38.1	47.9	21.8	50.3
	.0	.0	•0	.0	•0	75,9	87.0	86.3	55,5	19.2	79.0	70.9	54.3	4.2	19.5
	.0	•0	.0	.0	.0	154.2	146.5	124.6	87.1	43.6	.7	•5	•2	4.4	2.0
	.0	•0	.0	•0	•0	43.7	44.1	47.6	37.4	19.7	28.5	31.8	33.8	19.2	29.7
	.0	.0	•0	.0	•0	6.6	5.1	6.0	8.9	8.9	10.5	9.8	9,9	5.3	4,9
	.0	.0	• 0	.0	.0	6.8	7.3	4•\$	•8	•3	58.7	55.1	41.1	14.1	23.5
	.0	.0	• 0	.0	.0	49,8	52.3	59.3	54+0	48.1	32,6	33.4	38.3	45.9	40.1
	.0	•0	• 0	.0	•0	.3	•6	•0	• 0	.0	27.5	25.0	16.0	\$.8	5.2
	.0	•0	•0	.0	•0	.0	-0	•0	۰0	•0	•0	• 0	• 0	• 0	•0
	.0	•0	• 0	۰,	.0	.0	•0	۰0	• 0	• 0	•0	•0	•0	•0	•0
	.0	•0	• 6	.0	•0	•0	•0	•0	•0	.0	26.0	26.9	27.7	19.5	20.0
	.0	•0	•0	.0	•0	•0	•0	•0	•0	.1	15.5	15.0	10.9	•0	2.0
	.0	.0	• 0	.0	•0	•0	•0	•0		•0	1.7	3.3	3.2	3.7	3,3
	.0	.0	•0	.0	.0	.0	•0	•0	• 0	•0	40,4	44.5	51.4	43.9	61.7
	.0	•0	• 0	.0	•0	•0	.0	•0	۰0	.0	22.2	21.6	12.8	13.4	9,9
	•0	.0	• 0	.0	•0	.0	•0	•0	•1	.3	1.7	1.0	•2	2.3	• 0
	.0	.0	• 0	,0	•0	.9	•5	•0	•0	.0	5,5	6.7	5,6	3.3	4.3
	.0	.0	•0	.0	•0	.0	.0	•0	•0	•0	.0	.0	•0	•0	•0
	.0	.0	•0	.0	.0	.0	•0	•0	+0	•0	•0	•0	• 0	.0	•0

a = # 1

	TEST C4	TEST DISTANCE FROM SOURCE C4 800 METTERS			PLUM RELIA 1104:30 TO 1	S PERIOD 114:28 PST	DAT	A ACCUMUL 38.4	ATION INCH SECONDS	EMENT	START OF DA 1104:5	TA STORAGI 4 PST	3		
						RELAT	IVE CONCE	NTRATION	IN COUNTS	PER SECON	D				
AZIMUT	н		<b>0</b> 98					114					130		
HEIGHT METERS	.8	1.5	4.6	10,6	21.0	•8	1.5	4.6	10.6	21.0	•8	1.5	4.6	10,6	21.0
	.0	.0	•0	.0	•0	• 0	•0	•0	•0	•0	•0	•0	•4	•0	•0
	.0	.0	•0	.0	•0	• 0	•0	•0	•0	•0	•0	•0	.2	• 0	•0
	.0	.0	•0	.0	• 0	.0	•0	•0	•0	.0	•0	•0	•4	• 0	•0
	.0	.0	•0	.0	•0	.0	•0	•3	•7	•2	,2	•0	•9	• 0	•0
	.0	.0	•0	.0	• 0	.0	3.6	2.6	2.9	2.3	.7	.1	1.3	•0	•0
	.0	.0	• 0	.0	• 0	.0	•4	•0	• 4	1.6	•0	• 0	•7	.1	• 0
	.0	.0	•0	.0	• 0	.0	1.6	1.8	1.1	1.2	•4	.2	1.9	1.5	•9
	.0	.0	•0	.0	•0	• 0	•0	•0	•0	•0	1.5	1.1	2.7	1.0	1.4
	•0	.0	• 0	.0	•0	.0	• 0	•0	•0	•0	•0	• 0	•7	• 0	• 0
	•0	• 0	• 0	.0	•0	•0	•0	•0	• 0	•0	1.3	1.0	2.0	1.2	1.1
	.0	.0	•0	.0	•0	.0	•0	۰0	• 0	•0	•0	.0	•6	• 0	•0
	•0	• 0	•0	.0	• 0	.0	•0	•0	• 0	.0	•0	• 0	•6	• 0	• 0
	.0	.0	• 0	.0	• 0	• 0	•0	•0	۰0	• 0	•0	• 0	•4	• 0	• 0
	•0	•0	• 0	.0	• 0	•0	•0	•0	•0	.0	•0	•0	•2	• 0	• 0
	.0	• 0	•0	.0	•0	• 0	•0	•0	•0	•0	•0	•0	.•4	• 0	• 0
	.0	.0	• 6	.0	•0	.0	•0	•0	• 0	•0	•0	•0	•2	• 0	• 0
	•0	.0	•0	•0	• 0	•0	•0	۰0	•0	•0	.0	•0	.9	•0	• 0
	.0	.0	• C	•0	•0	•0	•0	۰0	•0	• 0	.0	.0	.3	• 0	• 0
	.0	.0	• 0	.0	.0	.0	.0	•0	•0	•0	•0	•0	• 4	•0	•0

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	TEST C5	DISTAN 2	ICE FROM	SOURCE RS	н 051	LME RELI L2:22 TO	EASE PERI 0532:13	IOD PST	DATA A	4000MULA 38.4 St	TION INCR CONDS	EMENT	START ( 05	OF DATA \$ 513:04 P	STORAGE ST	Gł	ROUND LI	EVEL (1.5	M)
							REL	ATIVE CO	NCENIRAT	ION IN O	OUNIS PER	SECOND							
			D I	R E	C T A T	I O l	N • 5	F R M	O M E T	E R	OUU EU	R C E L E V	, А Т	D E I O	G R N	ЕЕ	S		
094	096	098	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132
.0	.0	.0	.0	•4	4.0	1.6	.8	.0	.0	•0	•0	.0	.0	.0	•0	•0	•0	.0	•0
.0	•0	.0	2.1	8.6	20.7	26.6	19.9	24.5	22.5	12.3	5.1	3.5	1.3	•0	•0	•0	•0	.0	.0
•0	.2	10.0	25.7	54.6	62.9	36.1	19.2	12.7	4.7	•9	•3	.0	.0	.0	•0	.0	.0	.0	•0
1.5	4.4	15.1	41.2	109.5	111.8	47.3	23.0	13.2	1.4	•0	.0	.0	.0	.0	•0	•0	•0	•0	•0
•0	•0	3.2	18.9	55.9	96.2	44.9	15.5	5.9	1.9	•5	.0	.0	•0 <sup>-</sup>	.0	•0	•0	•0	•0	.0
₿-1	.0	•0	7.0	28.0	78.7	79.0	79.7	25.3	6.4	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0
47.0	.0	•0	5.2	40.0	82,8	67.8	35.7	8.8	1.6	•0	•0	•0	.0	•0	•0	•0	•0	•0	•0
.0	•9	8.5	20.4	61.0	60.6	24.3	20.6	1.8	.2	•0	•0	•0	•0	•0	•0	•0	.0	.0	•0
•0	5.3	26.8	70.2	88.3	81.0	52.6	22.1	10.7	4.5	•8	.0	•0	.0	•0	•0	.0	•0	•0	.0
•0	.2	20.4	60.5	86.0	89.4	49•4	25.9	18.2	4.5	.2	•0	•0	•0	•0	•0	•0	•0	.0	.0
•0	.1	7.7	25.5	65.6	97.5	94.2	75.8	48.1	15.9	2.4	.0	•0	•0	•0	•0	•0	•0	•0	•0
•0	•0	3.0	28.0	89.7	139.9	95.3	55.3	7.8	•9	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0
.0	6.1	20.2	26.3	79.1	145.2	103.5	72.5	33.1	5.4	.0	.0	.0	.0	•0	•0	•0	•0	•0	•0
•0	•0	.2	13.5	50.2	96.3	160.4	170.0	91.9	24.0	12.7	6.4	•0	•0	.1	•0	•0	•0	•0	•0
.0	•0	0	•0	2.7	8.2	50.4	99•4	98.5	110.3	85.5	26.0	6.7	1.1	•0	•0	•0	•0	•0	•0
.0	•0	•0	•0	•0	.7	8.4	20.4	51.3	98.1	99•9	76.7	32.2	4.2	•0	•0	•0	•0	•0	.0
•0	•0	•0	.0	•0	•0	.2	13.8	65.7	121.8	117.8	47.9	7.5	.1	•0	•0	•0	•0	•0	•0
•0	•0	•0	.0	.0	•0	•0	5.5	30.3	58.9	102.3	69.9	22.2	20.7	6.1	2.6	•0	•0	•0	•0
•0	•0	•0	.0	.0	•0	•4	4.1	16.3	42.7	81.8	94.0	65.0	56.3	50.7	13.7	•4	•0	•0	•0
.0	•0	.0	.0	.0	•0	1.1	10.7	24.9	77.6	112.3	93.0	39.8	19.3	3.9	.8	.0	•0	•0	.0

•0	•0	•0	•0	.0	•0	.0	•6	10.8	40.6	68.5	115.6	97.5	42.6	22.5	10.9	5.3	2.6	.1	.0
•0	•0	•0	•0	•0	•0	.0	•0	2.3	13.4	37.3	67.7	106.3	98.0	49.1	17.1	8.5	3.3	•0	.0
•0	•0	•0	•0	•0	•0	•0	•0	•0	•9	9.1	37.1	104.4	78.0	27.3	11.8	4.6	.0	•0	•0
•0	•0	•0	•0	•0	•0	•0	•0	•0	. 0.0	11.5	45.3	83.1	91.7	79.8	48.4	10.4	1.5	•0	.0
•0	.0	•0	•0	.0	•0	•0	•0	•6	4.0	18.2	48.1	68.9	101.2	79.1	45.4	18.9	2.1	•0	•0
•0	•0	•0	•0	.0	•0	•0	•0	.0	1.7	11.9	25.7	38.9	67.5	85.0	76.5	41.6	13.9	4.5	•0
•0	.0	.0	•0	.0	•0	.0	•0	.2	4.3	20.8	54.2	76.6	93.9	62.7	49.1	28.4	5.3	•0	•0
•0	•0	•0	•0	.0	•0	•0	1.3	5.3	16.8	35.4	66.3	81.1	58.9	31.5	7.1	1.8	•0	.0	.0
•0	•0	•0	•0	.0	•0	•0	3.2	21.2	43.4	67.5	64.6	43.5	25.5	4.1	•0	•0	•0	•0	•0
•0	•0	•0	•0	•0	•0	7.6	62.2	116.2	116.6	75.9	48.6	17.0	6.3	2.3	1.3	•0	.0	•0	•0
в-1	•0	•0	•0	•0	2.1	17.4	78.8	95•9	107.7	109.9	76.3	21.2	12.8	4.8	•5	•0	•0	•0	•0
4∞.0	•0	•0	•0	.1	1.7	4.7	15.0	39.6	73.3	84.8	54.8	27.5	15.1	4.0	•0	•0	•0	•0	•0
•0	.0	•0	•0	.0	•7	4.6	20.6	23.2	29.2	15.8	6.7	2.7	•2	•0	•0	•0	•0	•0	•0
.0	.0	.0	•0	.0	.1	•0	.6	•7	1.2	•7	.2	.0	•0	•0	•0	•0	.0	•0	•0
•0	•0	•0	.0	.0	•0	•0	•0	.0	•0	•0	.0	.0	•0	•0	•0	•0	.0	.0	•0
•0	•0	•0	•0	•0	•0	•0	•0	•0	.1	.0	•0	.0	•0	•0	•0	•0	•0	•0	•0
•0	•0	•0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	.0
•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0
•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0
•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0
•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	.0	.0	.0	•0	•0	•0	•0	•0	.0	•0
•0	•0	•0	•0	.0	•0	•0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0
•0	•0	•0	•0	•0	•0	•0	·•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	.0	•0	•0
•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	.0	•0	•0
•0	•0	•0	•0	.0	•0	•0	•0	•0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0

	Т	est C5	DISTANCI 200	E FRO MET	m so Ers	URCE	P 05	LUME REL 12:22 TO	EASE PE 0532:1	RIOD 3 PST		DATA AC	CUMULAT: 38.4 SEC	ION INCH CONDS	EMENT	STAR <b>T</b> C	OF DATA 513:04 1	STORAGE PST		GROUND 1	LEVEL (1.	5 M)
									RE	LATIVE C	CONCE	NTRATIO	N IN COU	JNTS PEI	R SECOND							
			1	I	R	E	A T	I O l	. 5	F R M	ι 0 Ε	M T E	S R	O U E	R C L E	E, V A ſ	D E I O	GR N	ΕE	S		
	094	096	098	10	0	102	104	T06	10	8 11	.0	112	114	TTQ	118	120	122	124	126	128	130	132 _1
	.0	.0	.0	•	0	•0	•0	•0	) .	ο.	.0	.0	.0	.0	.0	•0	•0	.0	.0	.0	.0	.0
	•0	.0	•0	•	0	.0	.0	.0	).	ο.	.0	•0	.0	.0	.0	•0	•0	•0	•0	.0	.0	.0
	•0	•0	•0	•	0	•0	•0	.0	).	ο.	.0	.0	•0	•0	.0	.0	•0	.0	•0	•0	•0	.0
	.0	.0	•0	•	0	.1	•0	.0	•	ο.	.0	.0	.0	.0	.0	•0	•0	•0	.0	•0	•0	•0
	•0	•0	•0	•	0	•0	.0	.0	•	ο.	.0	•0	.0	.0	<b>_</b> 0	•0	.0	.0	.0	•0	•0	.0
	.0	•0	•0	•	0	•0	•0	•0	•	ο.	,0	•0	•0	.0	.0	.0	.0	•0	•0	•0	•0	•0
B-1	•0	•0	•0	•	0	•0	•0	.0	•	ο.	0	•0	.0	•0	•0	.0	•0	•0	.0	•0	•0	.0
49	•0	.0	•0	•	0	•0	1.6	1.4	•	ο.	.0	• •0	•0	•0	•0	.0	•0	.0	•0	•0	•0	.0
	.0	•0	•0	•	0	2.5	2,8	1.1	•	ο.	0	•0	.0	•0	•0	.0	.0	.0	•0	•0	.0	.0
	.0	.0	•0	•	4	5.6	1.2	•0	) .	ο.	.0	•0	.0	•0	.0	•0	•0	•0	•0	•0	•0	.0
	•0	•0	•0	4.	0	5.9	1.0	•0	) .	ο.	.0	•0	.0	•0	.1	.0	•0	.0	•0	•0	•0	•0
	•0	•0	.2	7.	0	6.2	1.2	•4	• •	ο.	.0	•0	.0	•0	.2	.0	•0	.0	•0	.0	•0	.0
	•0	.0	.8	6.	4	9.0	3.6	.0	•	3.	0	•0	.0	•0	.0	•0	.0	.0	•0	.0	.0	•0
	•0	.0	•3	6.	4	12.3	6.5	1.1		6.	0	.0	•0	.0	.0	•0	•0	.0	•0	•0	•0	.0
	.0	.0	.1	3.	6	7.9	7.6	E'E	3.	5.	2	•0	•0	0,	.0	.1	•0	,0	•0	•0	•0	.0
	•0	.0	•0	•	7	1,8	5.7	5.6	5 7.	8.	8	•6	.0	.0	.0	•0	•0	•0	•0	•0	.0	•0
	•0	•0	•0	••	0	<b>,</b> .₀0	1.4	4.2	2 11.	5 4.	2	•0	.0	.0	.1	0	•0	•0	•0	•0	•0	•0
	•0	•0	•0	•	0	•0	.0	1.5	5 7.	0 10.	.1	2.4	•3	.0	.0	.0	.0	•0	•0	•0	•0	•0
	•0	.0	•0	•	0	.0	.0	•3	3 7.	8 11.	.1	6.0	6.1	1.6	.0	•••	.0	.0	•0	•0	.0	•0
	•0	•0	.0	•	0	.0	.0	•0	) 3.	96.	2	8.5	10.7	6.0	1.3	.0	.0	•0	.0	•0	•0	.0

	•0	•0	•0	•0	•0	•0	•0	.2	2.9	9.5	9.9	12.7	3.0	.0	•0	•0	•0	.0	•0	.0
	•0	•0	•0	•0	•0	•0	•0	.0	1.2	4.1	6.5	11.5	5.9	•6	.0	.0	•0	•0	•0	•0
	.0	•0	•0	•0	•0	•0	•0	•0	.l	•7	4.0	16.2	9.1	1.4	.0	.0	•0	•0	•0	•0
	•0	•0	•0	•0	•0	•0	•0	•0	•0	.2	3.3	16.7	13.8	•6	•4	.0	•0	•0	•0	•0
	•0	•0	•0	.0	•0	•0	.0	.0	•0	.0	•5	8.6	23.9	6.1	•9	•0	•0	.0	•0	•0
	•0	•0	•0	•0	•0	•0	•0	.0	•0	.0	•0	4.9	21.2	11.9	4.7	•0	•0	•0	•0	•0
	•0	•0	•0	•0	•0	•0	•0	.0	•0	.0	.0	3.1	14.7	13.8	2.7	.1	•0	•0	•0	•0
	.0	•0	•0	•0	•0	•0	•0	•0	.0	•0	.0	5.5	15.0	12.5	5.9	•5	•0	•0	•0	•0
	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	6.8	19.1	12.5	4.0	•7	•0	•0	•0	•0
	•0	•0	•0	•0	•0	•0	•0	.0	•0	•0	•0	4.7	13.2	8.4	2.0	.1	•0	•0	•0	•0
	• •0	•0	.0	.0	•0	•0	•0	.0	•0	•0	4.1	9.7	13.7	3.1	•0	•0	•0	.0	.0	•0
в-	•0	•0	•0	•0	.0	.0	.0	•0	•0	2.8	9.5	13.9	7.5	•5	•0	•0	•0	•0	•0	•0
150	•0	•0	•0	.0	.0	•0	.0	•0	1.1	8.0	13.9	5.3	2.0	•0	•0	•0	•0	•0	•0	•0
	.0	•0	•0	•0	.0	•0	•0	•0	6.8	11.9	8.2	2.3	•7	•0	•0	•0	•0	•0	•0	•0
	•0	•0	•0	•0	•0	•0	•0	1.2	8.7	12.2	9.1	4.3	•4	•1	•0	•0	•0	•0	•0	•0
	•0	•0	•0	•0	•0	•0	•0	2.2	7.9	11.9	8.9	4.1	•0	•0	•0	•0	•0	•0	•0	•0
	•0	•0	•0	•0	•0	•0	•0	•4	4.6	8.6	5.1	1.4	•3	•0	.0	•0	•0	•0	•0	.0
	•0	•0	•0	•0	.0	•0	•0	•0	1.7	2.9	1.8	•2	•0	•0	•0	•0	•0	•0	•0	•0
	.0	•0	•0	•0	.0	•0	•0	•0	•0	•0	.2	•0	.0	•0	.0	•0	•0	•0	•0	•0
	•0	•0	•0	•0	.0	.0	.0	•0	•0	•2	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0
	•0	•0	•0	•0	•0	•0	•0	.0	•0	•0	•0	.0	•2	•0	•0	•0	•0	•0	•0	•0
	.0	•0	•0	•0	•0	.0	.0	•0	•0	•0	•0	.0	•0	•0	•0	•0	•0	.0	•0	•0
	•0	•0	•0	.0	•0	.0	•0	•0	•0	•0	.0	•0	.0	•0	•0	.0	•0	.0	.0	•0
	•0	•0	•0	.0	.0	.0	•0	•0	•0	.0	.0	•0	•0	•0	•0	•0	.0	•0	•0	•0
	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	.0	.0	.0	.0	•0	.0	•0	•0	•0	•0

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Ti (	1ST 75	DISTANCE F ZOO N	'ROM SOURCE 17T RS	] 0/	PLUL, RELEA 512:22 TO 0	, P RIOD 532:13 PST	DAT/	ACCU ULA1 38-4-5	CONDS C	I IMI	ата <u>е</u> г ОР БАн 05 <b>13:0</b> 4	o. OPAG PST		TO	n na
			000			R. LAT	IV.: COMORI	TRATIC II	° cou™is P	9.50 SCOM	)		470		
ACTINUTI			090					114					150		
HEIGHT METERS	,8	1.5	3.0	0.1	10.6	18	1.5	3.0	6.1	10.0	.8	1,5	Œ	6,1	10.6
	.0	.0	• 0	.0	.0	•0	•0	•0	•0	•2	•0	•0	.0	• 0	•0
	•0	.0	•0	.0	• 0	11.5	12.3	12.5	9.9	9.2	• 0	•0	• 0	•0	•0
	7.7	10.0	17.5	13.6	4.6	1.2	•9	•9	•6	2.6	.0	.0	• 0	•0	•0
	18,5	15.1	14.4	10.8	ю	.0	•0	•0	• 0	•0	٥	• 0	• 0	•0	'n
	3.7	3.2	4.6	5,2	2.2	•5	•5	1.9	3.4	5.4	Q	•0	•0	•0	۵
	.2	0،	• 1	ıO	۰0	.2	•0	•0	•8	3.5	٥	۱O	١O	•0	• 0
	.0	•0	• 6	.0	۰O	۰O	•0	۰O	۰0	1.5	•0	.0	۰O	ıO	۰O
	8,3	8.5	10.5	15,1	11.4	.0	• 0	۰0	$\mathbf{r}_{\circ}$	1.1	•0	•0	۱O	•0	• 0
	27,8	26,8	26.7	7,2	•0	1.0	•8	1.3	1.5	1,2	• 0	.O	• 0	•0	•0
	23,2	20.4	18.9	4,8	•8	• 4	.2	2.0	I.5	2.1	۱O	'nO	• 0	•0	•0
	8,2	7.7	4.8	1.2	•0	1.7	2.4	1.9	т <b>9</b>	2.8	ŋ	•0	•0	•0	.0
	2.5	3.0	9.2	3.0	.3	.0	0،	•0	• 0	• 0	.0	•0	•0	• 0	•0
	18.6	20.2	21.4	0.0	•9	۰0	•0	2.3	1.7	3.3	۰O	•0	•0	•0	۰O
	<b>•</b> 6	•2	1.4	2.1	.3	12.3	12.7	15.6	19.5	11.2	•0	Ŵ	•0	۰O	•0
	۰O	.0	• 0	.0	۵	79,1	85,5	92.7	64.5	33.6	• 0	۰O	• 0	۵	•0
	.0	0،	• 6	.0	•0	94.5	99.9	106.5	92.8	61.9	.0	•0	۱O	•0	'n
	•0	۰O	• 6	Ŵ	۰O	122.3	117.8	108.4	86.8	50.9	•0	•0	•0	•0	'n
	۰O	•0	• 0	.0	۰O	104.1	102.3	99 <b>.7</b>	94.6	<b>67.</b> 5	.0	•0	• 0	ø	•0
	۰O	.0	• 0	ı٥	۰O	81.0	81.8	81.2	72.7	56,5	O.	ıO	•0	•0	۰

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.0	.0	•0	.0	• 0	111.9	112.3	124.0	102.2	51.7	•0	· 0	• 0	• 0	•0
•0	•0	٠C	.0	•0	74,5	68.5	58.1	45.6	26.6	•0	.1	1.8	3.6	2.7
.0	•0	. 6	.0	•0	38,2	37.3	30.2	17.0	2.9	•0	• 0	• 0	• 0	•0
.0	•0	• 6	.0	•0	9.9	9.1	8.5	12.3	14.6	•0	• 0	• 0	• 0	• 0
•0	.0	• 0	.0	•0	11.7	11.5	9.0	7.5	5.9	• 0	• 0	• 0	• 0	•1
.0	.0	• C	.0	•0	20.6	18.2	17.0	10.4	3.4	•0	• 0	• 0	• 0	•9
.0	.0	• 0	.0	•0	13.2	11.9	10.9	5.0	1.2	2.7	4.5	4.6	9.1	11.6
.0	•0	• 0	.0	•0	17.0	20.8	24.6	32.1	29,9	.1	• 0	• 0	• 0	• 0
.0	•0	•0	.0	• 0	37.4	35.4	37.8	34.4	27.7	•0	•0	• 0	• 0	•0
.0	•0	• 0	.0	•0	68,4	67.5	60.3	56 <b>•0</b>	31.0	.0	• 0	• 0	• 0	•0
.0	.0	•0	.0	• 0	81.3	75.9	68.4	57.2	23.3	•0	• 0	• 0	• 0	• 0
.0	.0	•0	.0	•0	115.4	109.9	103.4	66.5	38.5	•0	•0	• 0	• 0	•0
.0	.0	• 0	• 0	•0	92.3	84.8	77.8	62.3	21.4	.0	• 0	• 0	• 0	•0
.0	• 0	• 0	.0	•0	17.9	15.8	9.2	1.5	• 0	.0	• 0	• 0	• 0	• 0
.0	•0	•0	•0	•0	1.4	•7	•0	• 0	• 0	•0	• 0	• 0	• 0	• 0
.0	.0	• 0	.0	•0	.0	.0	•0	•0	•0	.0	• 0	•1	• 0	• 0
•0	•0	• 0	.0	•0	.0	.e	•0	•0	• 0	•0	• 0	• 0	• 0	• 0
.0	•0	• 0	.0	•0	.0	• •	•0	•0	•0	•0	• 0	•0	• 0	• 0
.0	•0	• 0	.0	•0	• 0	•0	•0	• 0	• 0	•0	• 0	• 0	• 0	•0
•0	• 0	•0	.0	۰0	.0	.0	• 0	•0	• 0	•0	• 0	• 0	•0	• 0
.0	.0	•0	.0	• 0	.0	.0	•0	•0	• 0	•0	•0	• 0	• 0	•0
.0	.0	• 6	.0	• 0	.0	•0	• 0	• 0	• 0	•0	•0	• 0	• 0	•0
•0	.0	• 0	.0	•0	.0	.0	•0	۰0	• 0	•0	•0	•0	•0	•0
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PLUM: A Liks: P.AIGD	DATA ACCULULATION INCALLENT	START OF DATA STORAGE	
0512:22 TO 0532:13 PST	38.4 SICONDS	0513:04 PST	

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TOWER

	RUIATIVE	CONCENTRATION	ŢΝ	COUNTS	PER	SECOND
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AZIMUTH		<b>0</b> 98					114						130					
HEIGHT METERS	.8 1.5 4		4.6	10.6	21.0	•8	1,5	4 <b>.</b> 0	10.6	21.0	.8	1.5	4, <del>6</del>	10,6	21.0			
	۰,0	.0	• 4	.0	, 0	, 0	.0	•0	۰0	ۍ.	•0	,0	• 0	,0	,0			
	.0	.0	•5	.0	, 0	,0	• 0	,0	•0	•9	,0	•0	• 0	•0	• 0			
	.0	•Û	13,	.0	•0	,0	•0	•0	,0	.7	,0	•0	,0	, 0	,0			
	.0	.0	•6	.0	.0	.0	•0	•0	•0	.3	•0	•0	• 0	• 0	• 0			
	.0	,0	•5	,0	, 0	, 0	• 3	• 0	۰0	,9	•0	,0	.0	•0	• 0			
	0،	,0	• 4	.0	, 0	, 0	• 0	• 0	۰0	.9	,0	,0	• 0	,0	• 0			
	.0	,0	,6	.0	,0	.0	• •	• 0	,0	1.1	,0	,0	,0	•0	,0			
	,0	.0	•4	•0	.0	,0	• 0	•0	, 0	ΤΟ	,0	• 0	,0	•0	•0			
	٥,	ıO	•3	.0	,0	,0	• 0	•0	,0	,9	,0	• 0	,0	•0	• 0			
	.0	.0	•4	.0	.0	.0	•0	•0	•0	•6	•0	.0	•0	• 0	•0			
	.0	0،	1.0	.0	.0	.0	•0	•0	۰0	.7	•0	•0	•0	•0	• 0			
	• 4	.2	1.3	.3	.0	.0	•0	•0	•0	•7	.0	.0	•0	•0	•0			
	.7	.8	1.6	.9	•0	.0	•0	•0	•0	1.0	•0	•0	•0	•0	•0			
	.8	.3	1.6	.9	•0	.0	.0	•0	•0	Τ'T	•0	•0	•0	•0	•0			
	.0	.1	1.1	.0	.0	.0	• 0	•0	•0	.7	.0	•0	•0	• 0	•0			
	.0	,0	•2	.0	•0	.0	•0	• 0	•0	2.8	.5	•0	•0	•0	•0			
	.0	,0	•8	.0	•0	.0	• 9	•0	1.6	6'5	.0	•0	•0	• 0	•0			
	.0	,0	•5	.0	•0	°ġ	• 3	1.6	5.6	TO'A	.0	•0	•0	•0	•0			
	.0	,0	•7	.Û	• 0	6.6	6.1	7.8	8.3	7.1	•0	•0	•0	• 0	•0			

TEST C5 DISTANCE FROM SOUNCE 800 METERS

.0	.0	• 4	.0	•0	12.1	10.7	12.6	11.9	3.6	• 0	• 0	• 0	• 0	• 0
.0	.0	•4	.0	•0	15.4	9.9	10.2	5.4	1.7	.1	• 0	• 0	٠Ü	• 0
.0	.0	•5	.0	• 0	<b>9.</b> 7	6.5	έ.5	3.3	2.0	.0	• 0	• 0	•0	• 0
.0	.0	•2	.0	•0	5.6	4.0	3.4	1.2	1.2	.0	• 0	• 0	• 0	• 0
.0	.0	• 1	.0	•0	4.6	3.3	2.2	•5	•6	•0	• 0	• 0	• 0	• 0
.0	.0	• 4	.0	•0	.2	•5	• 0	• 0	• 3	• 0	• 0	• 0	• 0	• 0
.0	• 0	•5	• ਹੈ	• 0	.0	• 0	• 0	• 0	.5	•0	•0	• 0	• 0	• 0
•0	•0	•5	.0	•0	.0	• 0	•0	• 0	1.1	• 0	• 0	• 0	•0	• 0
.0	•0	•7	.0	• 0	.1	•0	• 0	•0	• 3	• 0	• 0	•0	• 0	• 0
•0	.0	. 4	.\$	• 0	.1	• 2	• 0	• 0	• 3	• 0	• 0	• 0	• 0	• 0
.0	•0	• 4	.0	•0	.0	• 0	• 0	• 0	•9	•0	• 0	• 0	• 0	• 0
.0	.0	•6	• Û	• 0	5.4	4.1	6.4	7.2	6.3	• 0	• 0	•0	•0	• 0
.0	.0	•3	• 9	•0	12.6	9.5	11.9	10.1	7.2	.0	• 0	• 0	•0	• 0
.0	.0	•6	• 0	• 9	15.1	13,9	11.5	6.7	7.6	.0	• 0	• 0	• 0	• 0
.0	.0	•7	• û	•0	°.2	8.2	7.2	5.9	4.3	.0	• 0	• 0	• 0	• 0
.0	.0	• 1	• 3	•0	11.0	9.1	9.8	7.9	5.0	.0	• 0	• 0	• 0	• 0
.0	.0	• 1	.0	•0	10.0	8.9	8.4	5.1	2+1	• 0	• 0	• 0	• 0	• 0
.0	• 0	• 2	.9	.0	7.0	5.1	5.1	2.4	2.1	•0	• 0	• 0	•0	• 0
.0	•0	•8	. 9	• 0	3.4	1.8	•9	•2	• 7	•0	• 0	• 0	• 0	• 0
.0	.0	•7	.0	• 0	1.3	•2	.3	• 0	1.0	•0	• 0	•0	• 0	• 0
.0	•0	•5	• Ŭ	•0	.0	• 0	• 0	• 0	1.0	•0	• 0	• 0	• 0	• 0
•0	.0	•8	.0	•0	.0	• 3	• C	• 9	• 3	.0	.0	• 0	• 0	• 0
.0	.0	•3	.0	• 0	.0	.0	• 0	• 0	.7	• 0	• 0	• 0	•0	• 0
.0	.0	•7	.0	•0	.0	• 9	•0	• 0	.9	.0	• 0	• 0	•0	.0,

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