FINAL REPORT OF OFF-SITE SURVEILLANCE FOR THE BANEBERRY EVENT December 18, 1970

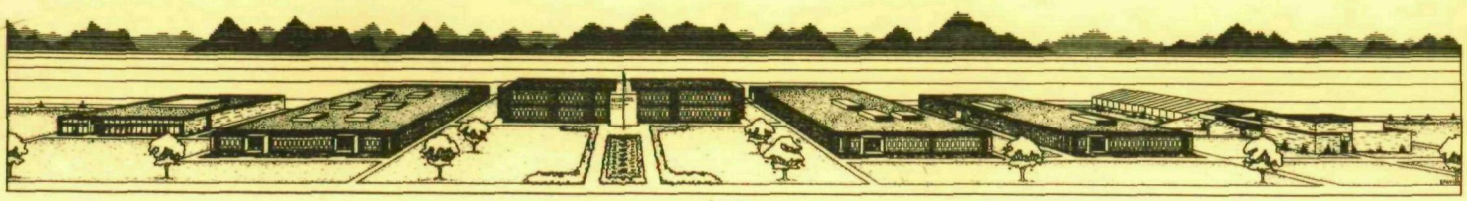
by the

Western Environmental Research Laboratory

ENVIRONMENTAL PROTECTION AGENCY

Published February 1972

This surveillance performed under a Memorandum of Understanding (No. SF 54 373) for the U.S. ATOMIC ENERGY COMMISSION



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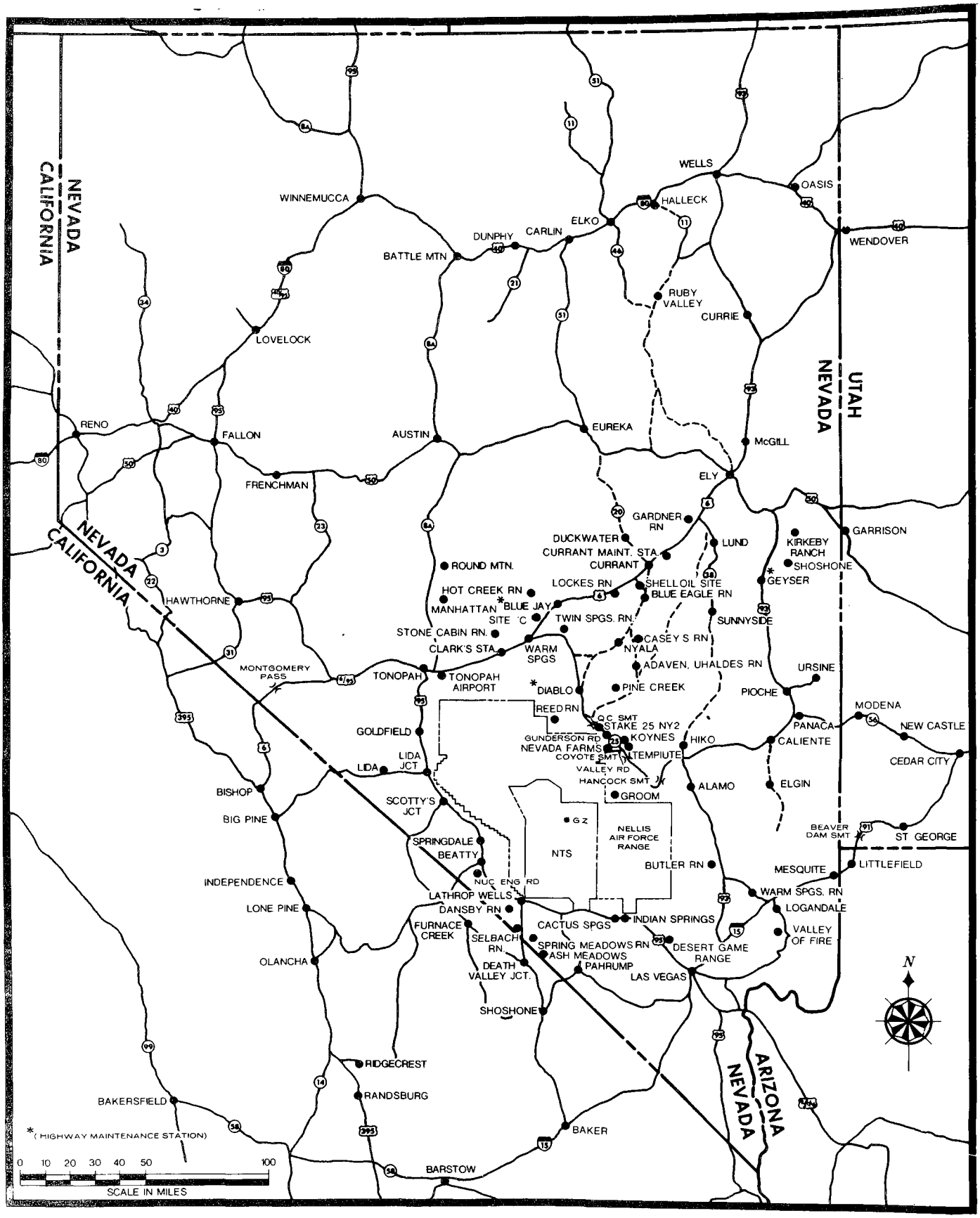

REFERENCE MAP

ABSTRACT

The Baneberry Event was an underground nuclear weapon test conducted at the Nevada Test Site on December 18, 1970. Shortly after the detonation, fission products escaped into the atmosphere, resulting in a release of radioactivity to the off-site area. A radiological monitoring program conducted by the Southwestern Radiological Health Laboratory*, Environmental Protection Agency, detected radioactivity in environmental media in a widespread area of the western United States. From an evaluation of the measurements of external gamma radiation levels and of radioactivity concentrations in air, milk, precipitation, water, and other media, the radiation exposures to off-site residents were found to be within the radiation protection standards of the AEC Manual, Chapter 0524.

All off-site gamma exposure rate measurements at inhabited locations were less than one mR/h. The highest measured exposure rate obtained off-site was 1.2 mR/h one mile east of Queen City Summit, an uninhabited location on Highway 25.

Based on a $t^{-1.2}$ extrapolation of ratemeter data, an estimate of 36 mR as the highest estimated infinity exposure from external gamma radiation at a populated location (Clark Station) was reported in the May 10, 1971 "Interim Report of Off-Site Surveillance for the Baneberry Event". This was noted as the most conservative estimate, and that 20 mR was a more valid preliminary value. An algorithm was later developed, based on a generalized decay scheme of ground-deposited Baneberry activity. This algorithm provided extrapolation factors which indicated 13 mR is a more appropriate estimate for Clark Station, Nevada. Using the algorithm for Baneberry activity, the highest estimated infinity exposure at an inhabited location was 16 mR at Blue Jay Highway Maintenance Station, Nevada, 66 miles northeast of Tonopah, Nevada, on Highway 6.

The highest ^{131}I concentration detected in milk was 810 pCi/l at the McCurdy Ranch near Springdale, Nevada. This resulted in an estimated thyroid dose of 130 mrem to a two-year-old child who was consuming the milk.

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* Renamed as the Western Environmental Research Laboratory on May 21, 1971.

The highest estimated thyroid doses were to eight sheepherders in central Nevada who were using melted snow contaminated by the Baneberry release for drinking and cooking. Based on environmental sampling results, information from some of the sheepherders, and records of snowfall, an estimate of their thyroid dose was 0.5 rem plus or minus a factor of 3 (i.e., 0.17 to 1.5 rem).

Higher than normal levels of radiostrontium and plutonium were detected in selected snow samples, and radiostrontium was detected on selected air filters containing radioiodine. Tritium attributed to Baneberry was also detected in selected snow samples. The highest concentrations of these radionuclides were below the Concentration Guides of the AEC Manual, Chapter 0524.

TABLE OF CONTENTS

ABSTRACT	i
LIST OF TABLES	iv
LIST OF FIGURES	v
INTRODUCTION	1
OPERATIONAL PROCEDURES	2
SUMMARY	4
Distribution of Activity	4
Activity in Milk	8
Doses and Exposures	12
RESULTS	14
Gamma Exposure Rates	14
Gamma Exposures	20
Air Sampling	24
Milk Sampling	34
Milk Cow Feed Sampling	38
Comparison of Ingestion Doses and Inhalation Doses	42
Water Sampling	44
Natural Vegetation Sampling	46
Precipitation Sampling	48
Whole-Body Counting	54
DISCUSSION AND CONCLUSIONS	55
REFERENCES	57
APPENDICES	58

LIST OF TABLES

Table		Page
1.	Hypothetical Infant Infinity Thyroid Doses Greater than 10 mrem Due to Inhalation, as Estimated from Baneberry Air Sampling Results.	25
2.	Plutonium and Strontium Results on Selected Air Sampler Filters.	33
3.	Tritium, Strontium and Plutonium Concentrations in Selected Precipitation Samples.	53

LIST OF FIGURES

Figure 1. Environmental Sampling Locations in Nevada. 5

Figure 2. Environmental Sampling Locations Outside Nevada. 7

Figure 3. Concentrations (pCi/l) of ^{131}I in Milk versus Time - Nevada. 9

Figure 4. Concentrations (pCi/l) of ^{131}I in Milk versus Time - Outside Nevada. 11

Figure 5. Estimated Thyroid Doses (mrem) from Radioiodine - Nevada. 13

Figure 6. Area Monitored and Highest Exposure Rates (mR/h) - Nevada, Baneberry D-Day (12/18/70). 15

Figure 7. Area Monitored and Highest Exposure Rates (mR/h) - Nevada, Baneberry D+1 (12/19/70). 17

Figure 8. Area Monitored and Highest Exposure Rates (mR/h) - Nevada, Baneberry D+2 thru 10 (12/20-28/70). 19

Figure 9. Net Infinity External Gamma Exposures (mR) - Nevada. 21

Figure 10. Infinity Exposures versus Distance. 23

Figure 11. Integrated Concentrations of ^{131}I in Air versus Distance from Test Point. 27

Figure 12. Distribution of Hypothetical Infant Thyroid Inhalation Doses (mrem) Within the State of Nevada. 29

Figure 13. Distribution of Hypothetical Infant Thyroid Inhalation Doses (mrem), Outside Nevada. 31

Figure 14. Peak ^{131}I in Milk and Estimated Hypothetical Infant Thyroid Dose. 35

Figure 15. Radioiodine in Milk - Outside Nevada. 37

Figure 16. Peak ^{131}I in Milk versus Peak ^{131}I in Cow Feed. 39

Figure 17. Estimated Hypothetical Infant Thyroid Doses as a Function of Distance. 41

Figure 18. Estimated Hypothetical Infant Thyroid Ingestion Doses versus Inhalation Doses. 43

LIST OF FIGURES (continued)

Figure 19. Water Sampling - Nevada. 45

Figure 20. Vegetation Sampling Results (gross gamma cpm/kg) - Nevada. 47

Figure 21. ^{132}Te Concentration (pCi/l) in Precipitation Samples - Nevada. 49

Figure 22. ^{132}Te Concentration (pCi/l) in Precipitation Samples - Outside Nevada. 51

Figure 23. Distribution of Total Estimated Infant Thyroid Dose (mrem) in Nevada. 56

INTRODUCTION

The Baneberry Event was an underground nuclear weapon test conducted by the Lawrence Radiation Laboratory in Area 8 of the Nevada Test Site. A few minutes after detonation at 0730 hours PST on December 18, 1970, fission products were ejected into the atmosphere from a crevice near surface ground zero. Winds carried the effluent beyond the boundaries of the Test Range Complex (Nevada Test Site, Nuclear Rocket Development Station, Nellis Air Force Range, and Tonopah Test Range). Radioactive material was detected in environmental samples in all the western states except Colorado, Arizona, and New Mexico; and was also detected in North Dakota, South Dakota, Minnesota, Missouri, Arkansas, and Texas.

In accordance with AEC-EPA Memorandum of Understanding SF 54 373, the Environmental Protection Agency, Southwestern Radiological Health Laboratory (SWRHL)* performed aerial and ground monitoring and sampling to assess the resultant levels of radioactivity in the off-site area. This report presents the results of the environmental monitoring for Baneberry.

*On December 2, 1970, these functions of the Southwestern Radiological Health Laboratory were transferred from the Public Health Service (PHS) to the newly-formed Environmental Protection Agency. The Laboratory was renamed as the Western Environmental Research Laboratory (WERL) on May 21, 1971.

OPERATIONAL PROCEDURES

After the release of activity from the Baneberry Event, SWRHL monitors were positioned at inhabited locations and on roads and highways likely to be crossed by the predicted effluent trajectory to measure radiation levels and collect environmental samples. The monitors were equipped with radiation survey instruments, gamma-rate recorders, thermoluminescent dosimeters (TLD's), portable air samplers, and supplies for collecting environmental samples. All personnel were directed by two-way radio from a control center at the Nevada Test Site.

The nature of the Baneberry effluent was initially determined by aerial monitoring. Personnel in a U.S. Air Force U-3B aircraft and a SWRHL T-34 aircraft located the boundaries and areas of maximum activity of the radioactive cloud. Two SWRHL Turbo-Beech aircraft performed cloud sampling and monitoring. All aerial tracking and monitoring data were radioed immediately to the control center. This information, along with meteorological and on-site monitoring information, was used to direct the placement of ground monitors, portable air samplers, portable recorders, and TLD's in the off-site area.

During the passage of the effluent, ground level external radiation levels and concentrations of airborne radioactivity were measured by air sampling and radiation monitoring with survey meters, gamma-rate recorders and TLD's. After cloud passage, monitors continued to record radiation readings and collected milk, water, cow feed, precipitation, and natural vegetation samples to document residual contamination levels and to assess radiation exposures to off-site residents.

In addition to the radiation data obtained by monitors, data from networks of continuous air samplers, gamma-rate recorders, and TLD's were used to measure off-site radiation levels and exposures. The SWRHL Air Surveillance Network (ASN) of 104 continuously-operated stations and 10 standby stations

west of the Mississippi River was used to collect daily samples of airborne particles and gases on particulate filters and charcoal cartridges. These filters and cartridges were mailed or brought to the Laboratory for analyses.

Recorder charts from the thirty-two gamma-rate recorders located at ASN stations in the immediate vicinity of the Test Range Complex were used for measuring exposure rates and estimating external radiation exposures. TLD's within the 93-station SWRHL Dosimetry Network were exchanged during the week of December 28, one week earlier than the normal monthly exchange, to obtain integrated exposure data.

On December 20 and 21, fifty of the 189 Grade A dairies which participate in the Standby Milk Surveillance Network covering the western states were requested to mail raw milk samples to the Laboratory each day for a one-week period. Those locations where radioiodine was detected were requested to mail daily samples for an additional week. The dairies that were sampled are located in northern Nevada, California, Idaho, Utah, Colorado, and Wyoming. In addition to these locations, each of four stations in the national Pasteurized Milk Network was requested to send one pasteurized milk sample to the Laboratory for analysis during the weeks of December 21 and December 28. These stations are located in Denver, Colorado; Idaho Falls, Idaho; Salt Lake City, Utah; and Laramie, Wyoming.

A more detailed description of the surveillance networks and procedures is contained in the report, NVO-40[1]. The only important change not referred to by NVO-40 has been the phasing out of film badges and their replacement with TLD's in April 1970.

The SWRHL whole-body counting facility was used to measure radionuclides in off-site residents and monitors who were exposed to the Baneberry effluent.

SUMMARY

Distribution of Activity

Figure 1 shows where sampling of air, milk, and precipitation was performed within Nevada and where radioiodine was or was not detected. Isopleth mapping of precipitation and vegetation sampling results (Figures 20, 21, and 22) shows that the deposition pattern encompassed about 270 degrees, from southwest through north to southeast of the test point, with the line of maximum deposition initially extending almost due north of the test point. Analysis of air and precipitation samples outside Nevada (Figure 22) shows that the line of maximum deposition and/or airborne concentration then veered to the northeast across Idaho, Wyoming, Montana, and possibly North Dakota. Samples containing Baneberry radioactivity were found at Death Valley Junction, California (SW of the test point), at Redding, California (NW of the test point), from southern Idaho to Minnesota (NE of the test point), and in Missouri, Arkansas, and Texas (E and SE of the test point).

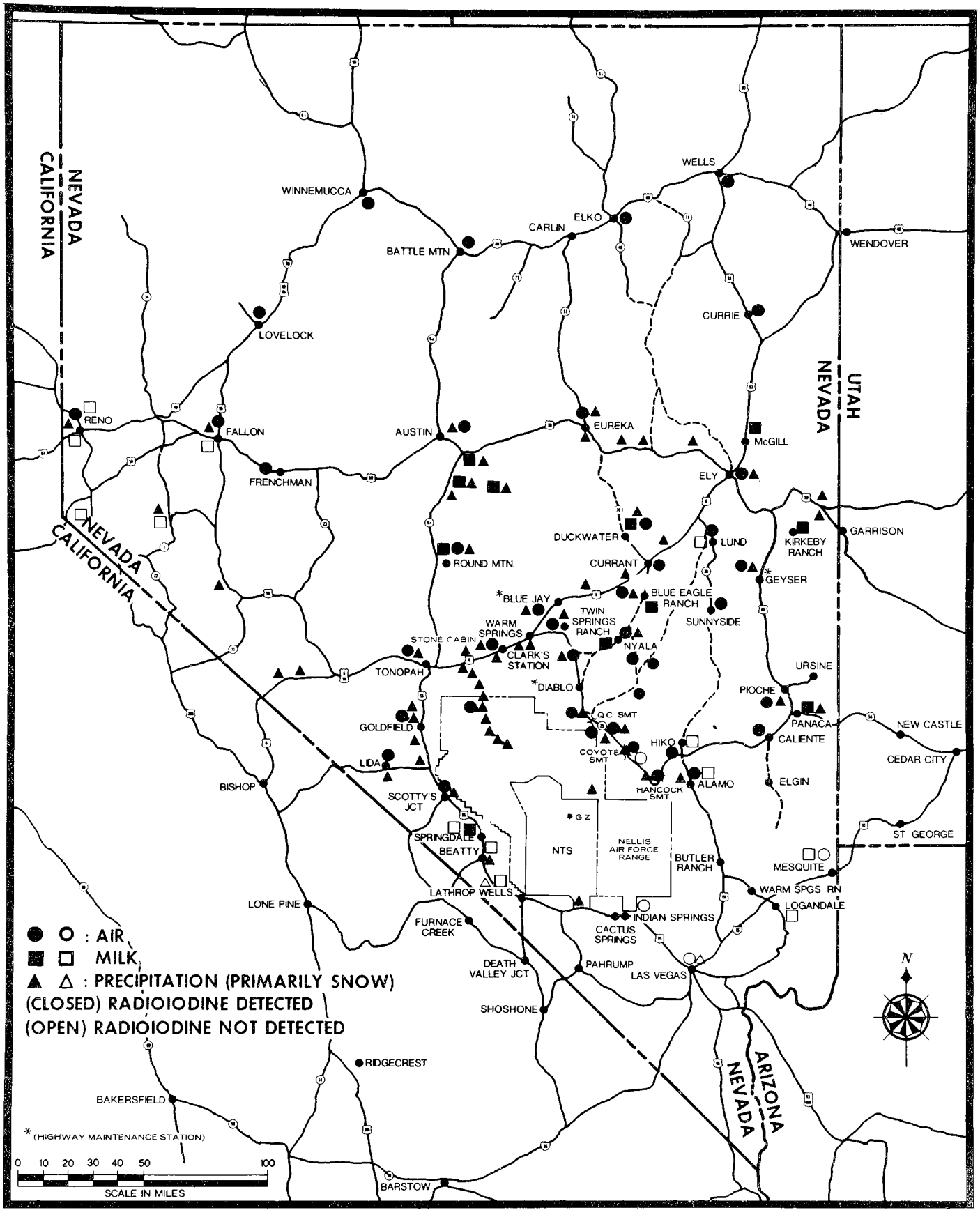


Figure 1. Environmental Sampling Locations in Nevada.

Figure 2 shows where sampling of air, milk, and precipitation was performed outside of Nevada, and whether or not the samples contained radioiodine.

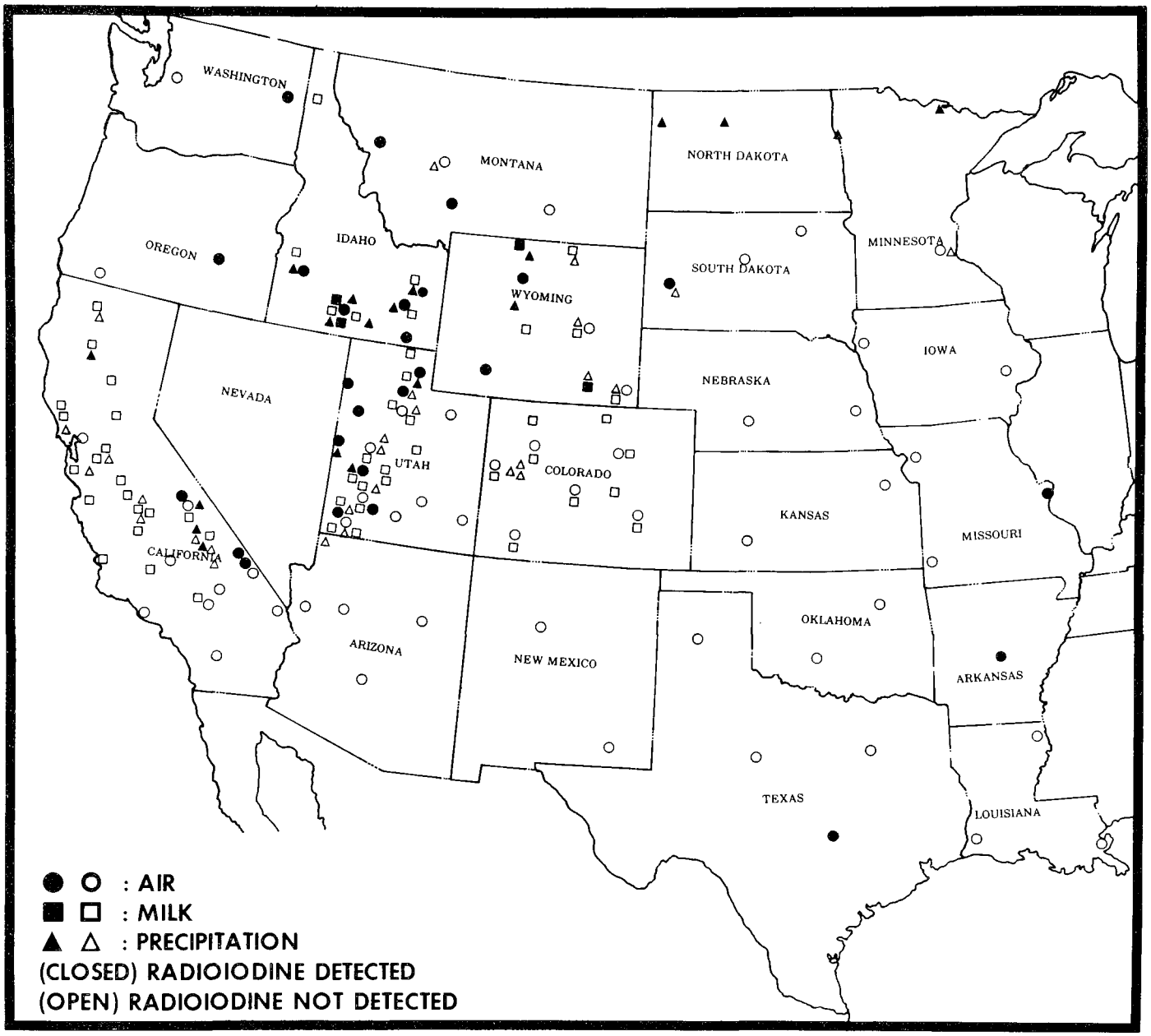


Figure 2. Environmental Sampling Locations Outside Nevada.

Activity in Milk

Figure 3 summarizes daily radioiodine concentrations in milk for stations where radioiodine was detected in Nevada. The area under the charted concentrations is indicative of the potential dose from drinking the milk. Samples for which radioiodine was not detected (ND) are indicated by a line near the abscissa (about 20 pCi/l), whereas blanks indicate no sample. The minimum detectable activity (MDA) for these samples was 20 pCi/l.

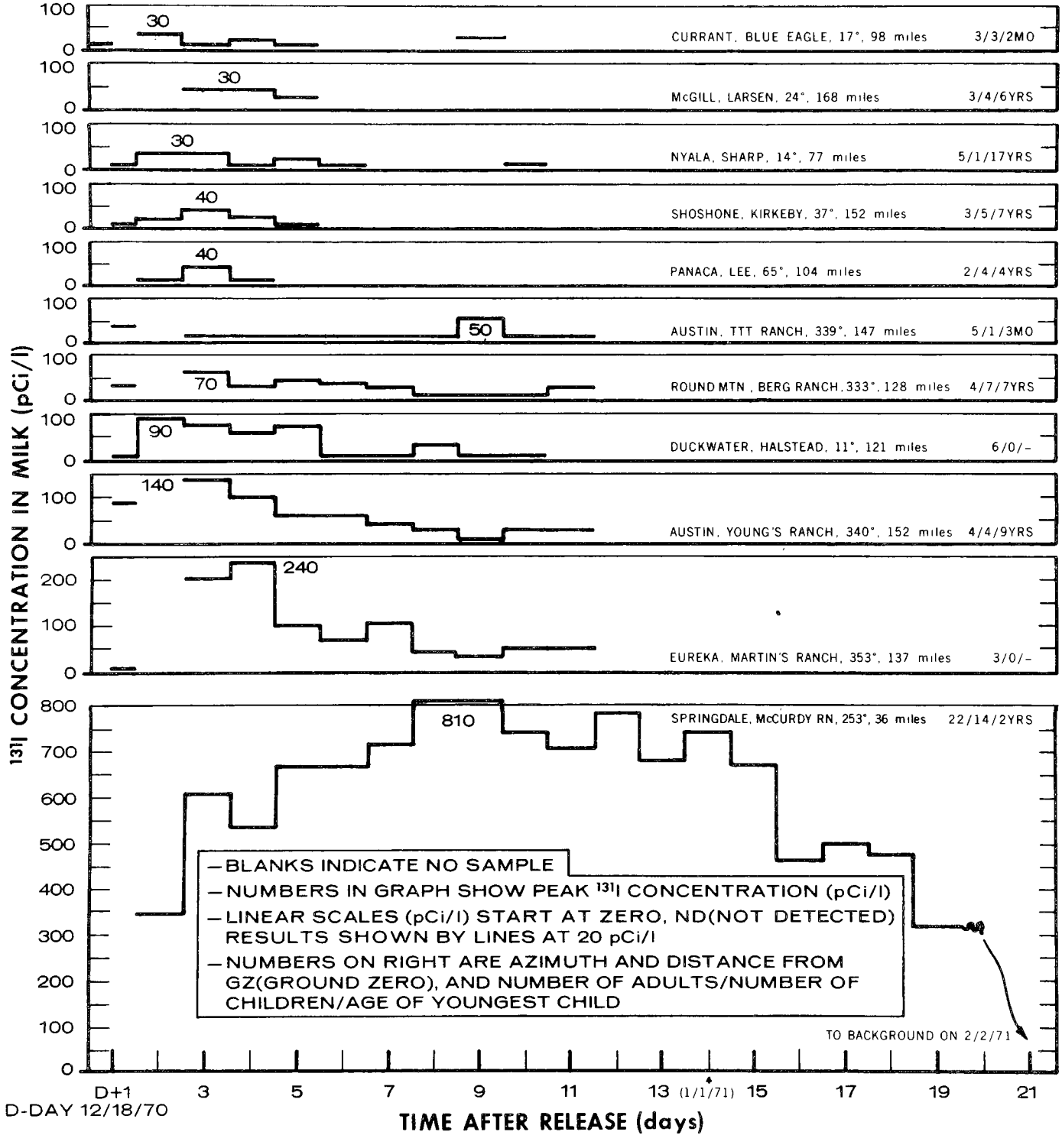
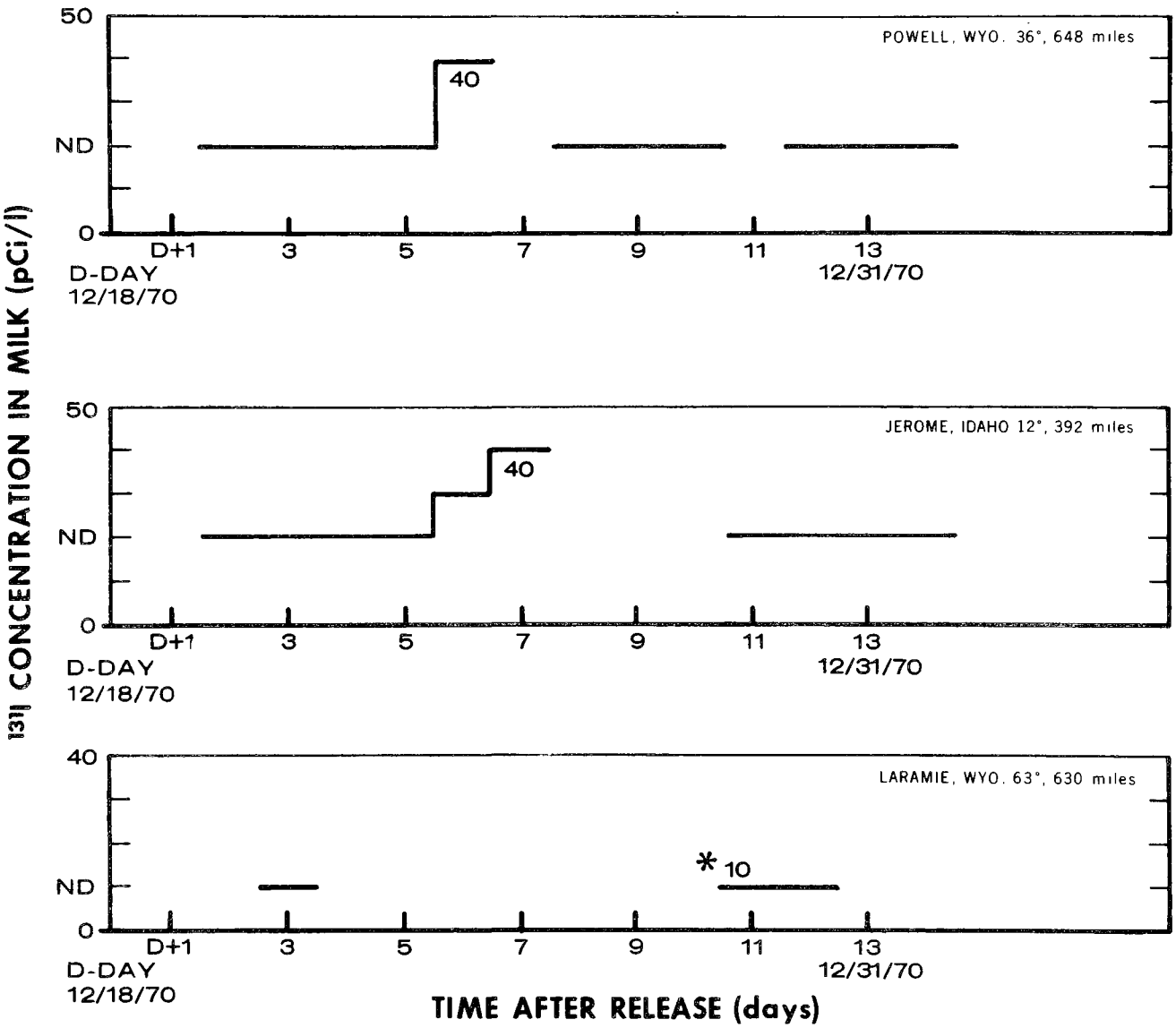


Figure 3. Concentrations (pCi/1) of ^{131}I in Milk versus Time - Nevada.

Figure 4 summarizes daily radioiodine concentrations in milk for stations where radioiodine was detected outside of Nevada. The samples collected at Laramie, Wyoming, were from the Pasteurized Milk Network (PMN). PMN samples are counted for 40 minutes, which lowers the MDA to 10 pCi/l.



- BLANKS INDICATE NO SAMPLE
- NUMBERS IN GRAPH SHOW PEAK ^{131}I CONCENTRATION (pCi/l)
- LINEAR SCALES (pCi/l) START AT ZERO, ND(NOT DET DETECTED) RESULTS SHOWN BY LINES AT 10 pCi/l OR 20 pCi/l
- NUMBERS ON RIGHT ARE AZIMUTH AND DISTANCE FROM GZ(GROUND ZERO)

* LARAMIE IS A PMN STATION. MILK FROM THE PMN IS COUNTED FOR 40 MINUTES WHILE ALL OTHERS ARE COUNTED FOR 20 MINUTES. THE MDA IS 20 pCi/l FOR A 20-MINUTE COUNT AND 10 FOR A 40-MINUTE COUNT.

Figure 4. Concentrations (pCi/l) of ^{131}I in Milk versus Time - Outside Nevada.

Doses and Exposures

Figure 5 shows the estimates of radiation doses to the thyroid of hypothetical infant receptors in the off-site area from the inhalation of airborne radioiodine and the ingestion of radioiodine in milk. The cross-hatched area near Duckwater also denotes the general area where eight sheepherders used melted snow contaminated with the Baneberry effluent for drinking and cooking.

The numbers on the map are thyroid dose estimates for a hypothetical infant receptor (two-gram thyroid) with an assumed milk consumption of one liter per day, except for the dose number shown at Beatty, Nevada. The dose at that location refers to the sum of the inhalation and ingestion doses that was estimated to have occurred to the youngest child actually drinking the milk produced at the McCurdy Ranch near Springdale, Nevada. This individual was a two-year-old child residing in Beatty, who was assumed to have a three-gram thyroid for the purpose of dose calculation.

The highest estimated thyroid dose was calculated for the eight sheepherders, who may have received 0.5 rem plus or minus a factor of three*, based upon environmental sampling results, their location, water consumption information, and records of snowfall in the area. The factor of 3 variation in the dose estimate is due to a lack of detailed information concerning the geographical distribution of the fallout in the area, the dilution effects of new snowfall, and the distribution of radioactivity with snow depth. (See Appendix B for assumptions used in the calculations).

Based on a $t^{-1.2}$ extrapolation of ratemeter data, an estimate of 36 mR as the highest estimated infinity exposure at a populated location (Clark Station) was reported in the May 10, 1971, "Interim Report of Off-Site Surveillance for the Baneberry Event."[2] This was noted as the most conservative estimate, and that 20 mR was a more valid preliminary value. An algorithm was subsequently developed which, based on a generalized decay scheme of ground-deposited Baneberry activity, provided extrapolation factors which indicated 13 mR is a more appropriate estimate for Clark Station. Using the algorithm for Baneberry acitivty, the highest estimated infinity external gamma exposure at an inhabited location was 16 mR at Blue Jay Highway Maintenance Station, 66 miles northeast of Tonopah, Nevada, on Highway 6.

All off-site gamma exposure rate measurements at inhabited locations were less than one mR/h. The highest measured exposure rate obtained off-site was 1.2 mR/h one mile east of Queen City Summit, an uninhabited location on Highway 25, listed in Table A-1, Appendix A, as 25Ny2.

Five personnel who served as aircrew members in tracking and sampling aircraft for the event were counted with the SWRHL whole-body counter. All doses to the thyroid were estimated to be less than 50 mrem. Three off-site monitors who were working in the effluent trajectory near the NTS boundary were also whole-body counted. No detectable radioiodine activity was found. Mrs. McCurdy and her 13-year-old son were whole-body counted, and both had a calculated thyroid dose of less than 10 mrem. The methods used for estimating the thyroid doses are described in Appendix B.

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*An expected value of 0.5 rem within a range of 0.17 rem to 1.5 rem.

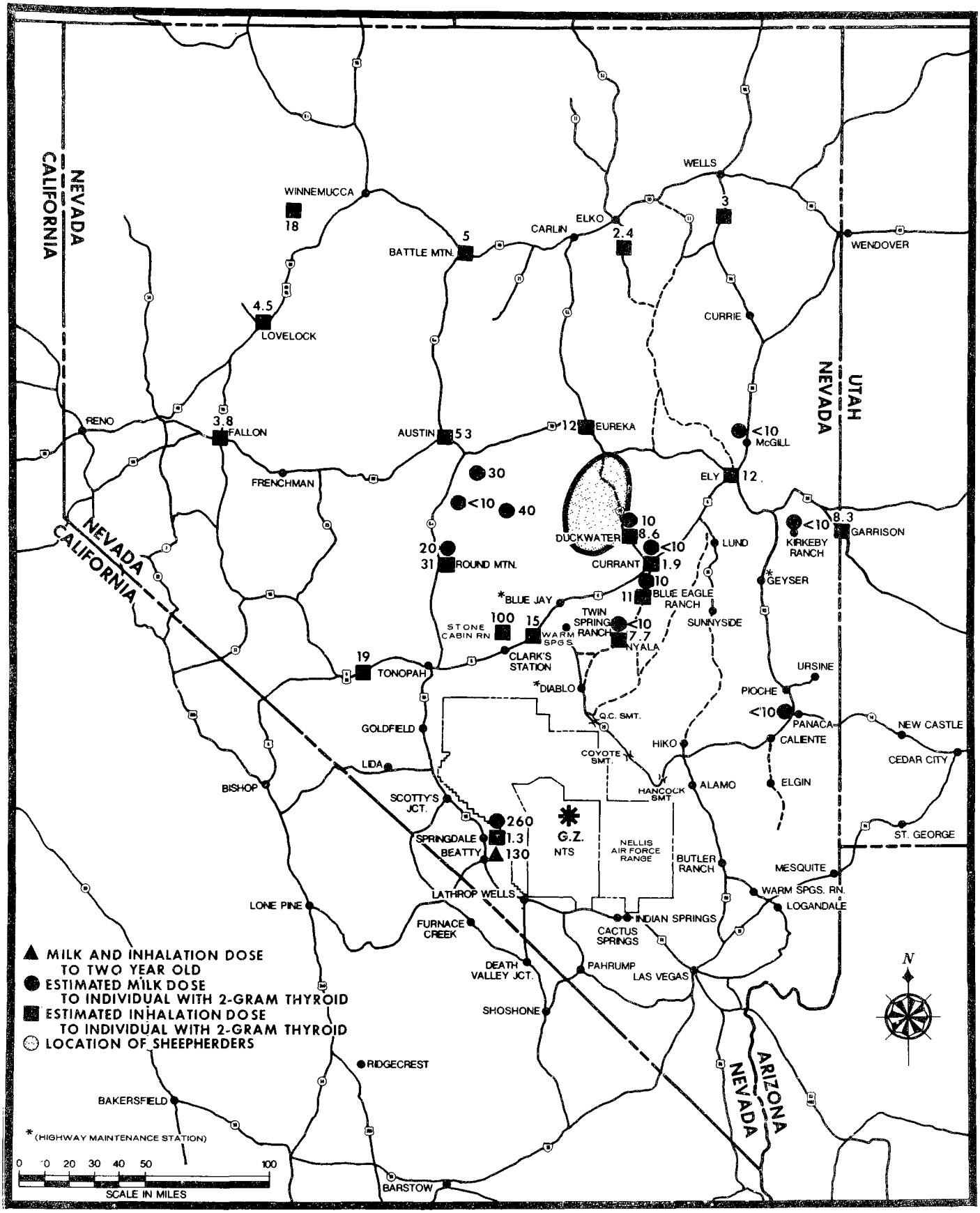

Figure 5. Estimated Thyroid Doses (mrem) from Radioiodine - Nevada.

RESULTS

Gamma Exposure Rates

Twenty-six ground monitors were fielded after the Baneberry Event. All exposure rate values reported by ground monitors were based on readings collected with Eberline E-500B Geiger-Mueller survey meters. Some monitors were stationed at one location long enough to obtain a time profile of cloud arrival, peak exposure rate, and the decay of the residual activity. Other monitors moved along the highways to determine the extent of the affected area and to locate the path of maximum activity. Figures 6, 7, and 8 show the extent of ground monitoring on D-day, D+1, and D+2 through D+10, respectively. A series of small dots along the roads shows that the area was monitored and found to be background. Solid squares indicate the area was monitored and found to be above background. Exposure rates noted include an environmental background of approximately 0.02 mR/h.

On D-day, December 18, 1970, activity was found along U.S. 6 from Tonopah to Warm Springs and on State Road 25 from Warm Springs to near Coyote Summit (see Figure 6). Activity was also found along old Highway 25 through the northern part of the Test Range Complex. The highest measured gamma exposure rates are also shown in this Figure. The highest reading in the off-site area was 1.2 mR/h one mile east of Queen City Summit, an unpopulated location. The five highest readings at off-site residences on D-day were at the Stone Cabin Ranch (0.6 mR/h, 6 people), Clark Station (0.4 mR/h, 1 person), Blue Jay Highway Maintenance Station (0.5 mR/h, 5 people), Diablo Highway Maintenance Station (0.3 mR/h, 3 people), and Twin Springs Ranch (0.2 mR/h, 9 people). Since the six people at Stone Cabin Ranch were actually in Tonopah for the day, the inhabited location with the highest exposure rate on D-day was Blue Jay Highway Maintenance Station.

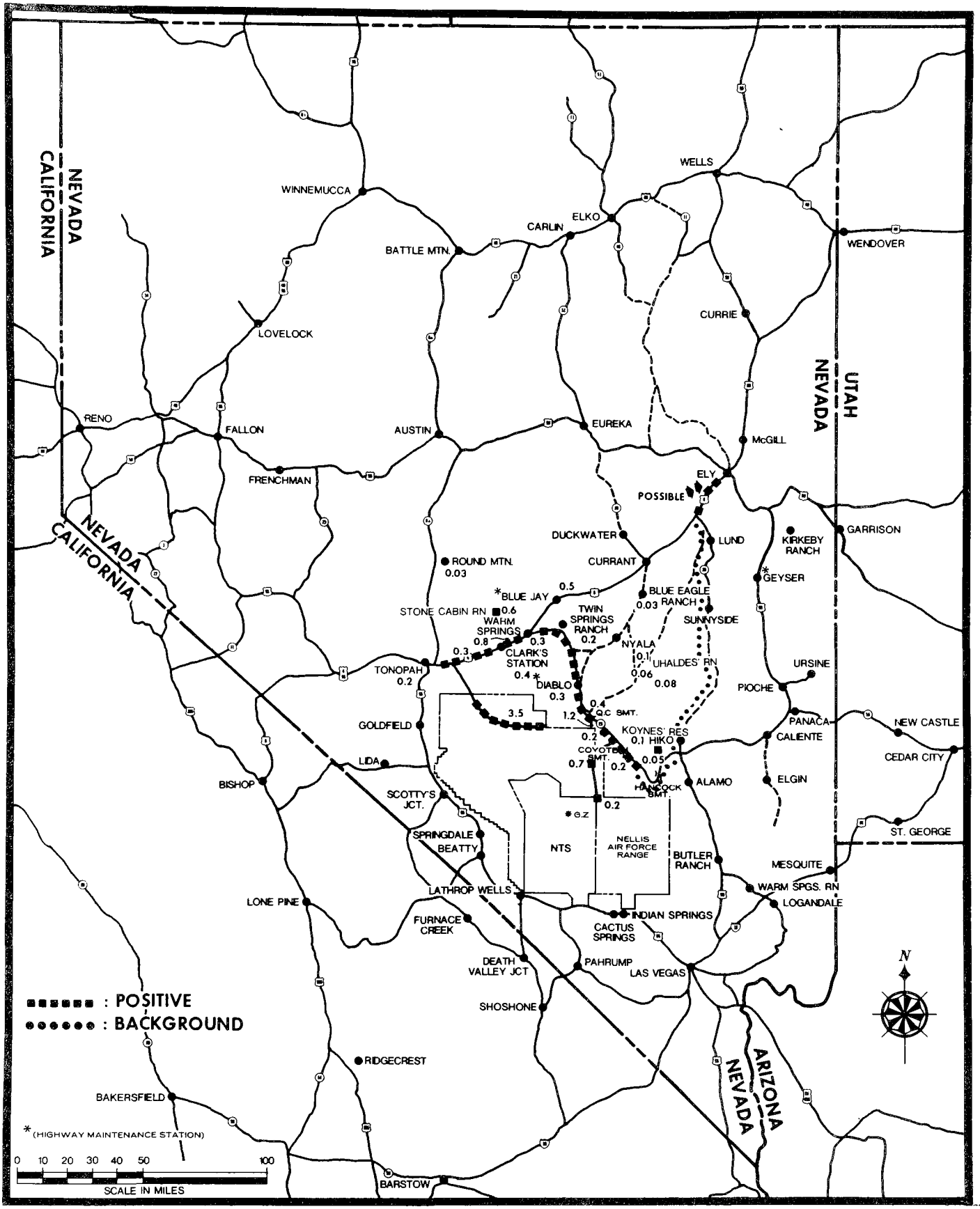

Figure 6. Area Monitored and Highest Exposure Rates (mR/h) - Nevada, Baneberry D-Day (12/18/70).

The extent of ground monitoring conducted on D+1, December 19, 1970 is shown in Figure 7. Activity was located in the same areas as on D-day and was also found to the southwest as a result of a wind shift, which carried the still venting effluent from the Test Site in that direction. Activity was found along U.S. 95 from Tonopah to Beatty, decreasing from 0.07 mR/h at Tonopah to near background at Beatty. No detectable activity was found as far north as U.S. 50.

The highest reading observed on D+1 was 0.3 mR/h, 17 miles east of Tonopah on U.S. 6. The five highest residual exposure rates measured at inhabited locations were still the Stone Cabin Ranch (0.07 mR/h), Clark Station (0.1 mR/h), Blue Jay Highway Maintenance Station (0.1 mR/h), Diablo Highway Maintenance Station (0.1 mR/h), and Twin Springs Ranch (0.1 mR/h).

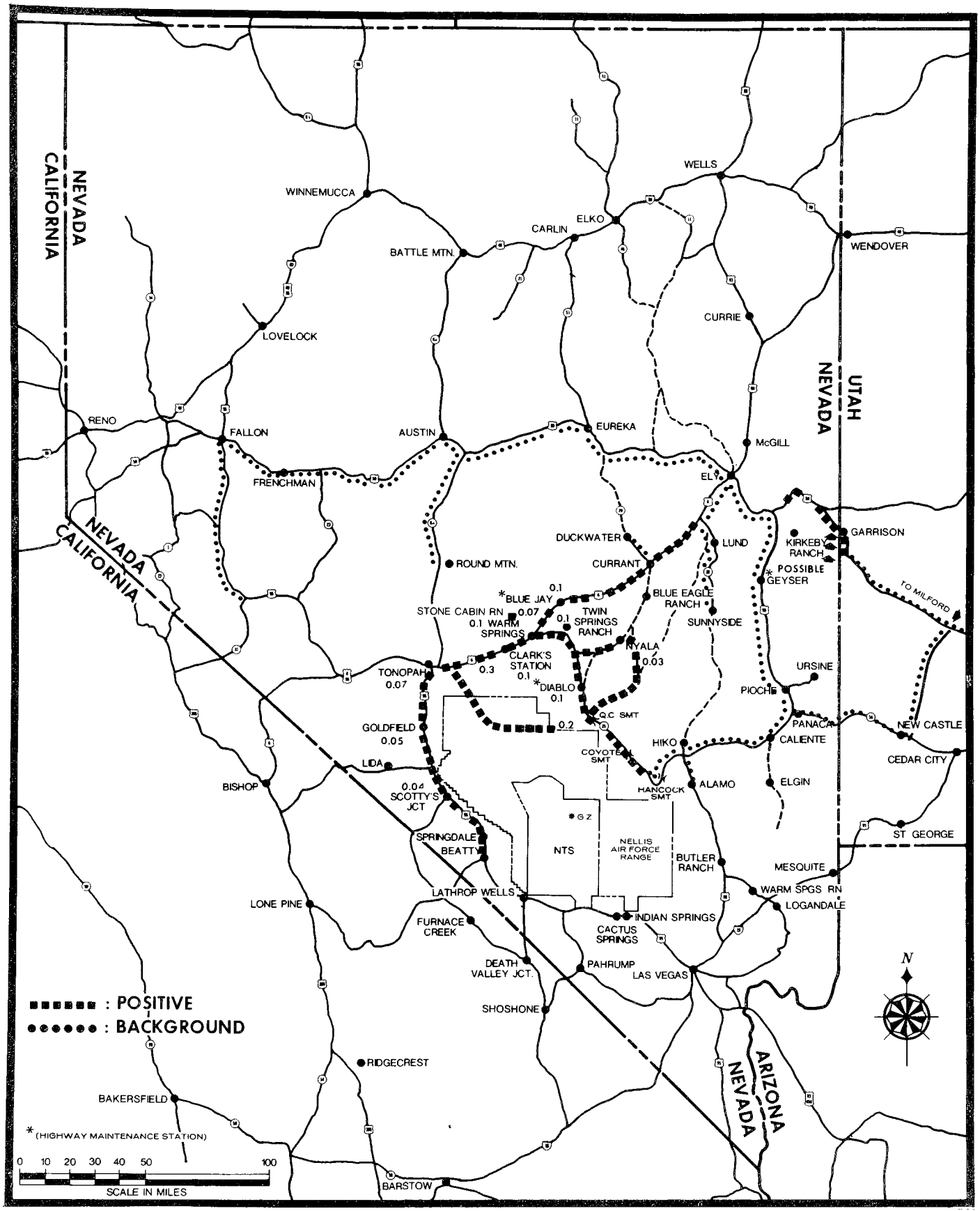

Figure 7. Area Monitored and Highest Exposure Rates (mR/h) - Nevada, Baneberry D+1 (12/19/70).

Ground monitoring conducted on D+2, December 20, 1970 is shown in Figure 8. The contaminated area had receded slightly on the northeast edges because of decay, but activity was found further north than before. The reading at Austin was 0.05 mR/h, and at Round Mountain, 0.06 mR/h. The five inhabited locations with the highest readings on D+2 were Stone Cabin Ranch (0.07 mR/h), Clark Station (0.07 mR/h), Blue Jay Highway Maintenance Station (0.1 mR/h), Diablo Highway Maintenance Station (0.06 mR/h), and Round Mountain (0.06 mR/h) The reading at Tonopah was down to 0.04 mR/h.

Figure 8 also shows the monitoring results for the days following D+2. Activity was detectable at Round Mountain, the Triple T Ranch, the Young Ranch, and the Martin Ranch through D+3, but all of these were down to background on D+4. The area including Clark Station, Stone Cabin Ranch, Warm Springs, Blue Jay Highway Maintenance Station, Twin Springs Ranch, and Diablo Highway Maintenance Station had detectable activity on D+4, but was down to background by D+10. A "hot spot" on U.S. 6, 17 miles east of Tonopah, continued to show activity on D+10 and had a reading of 0.05 mR/h when monitored that day. By D+33, January 20, 1971, the reading was down to 0.03 mR/h compared to 0.02 mR/h one mile either side of the "hot spot."

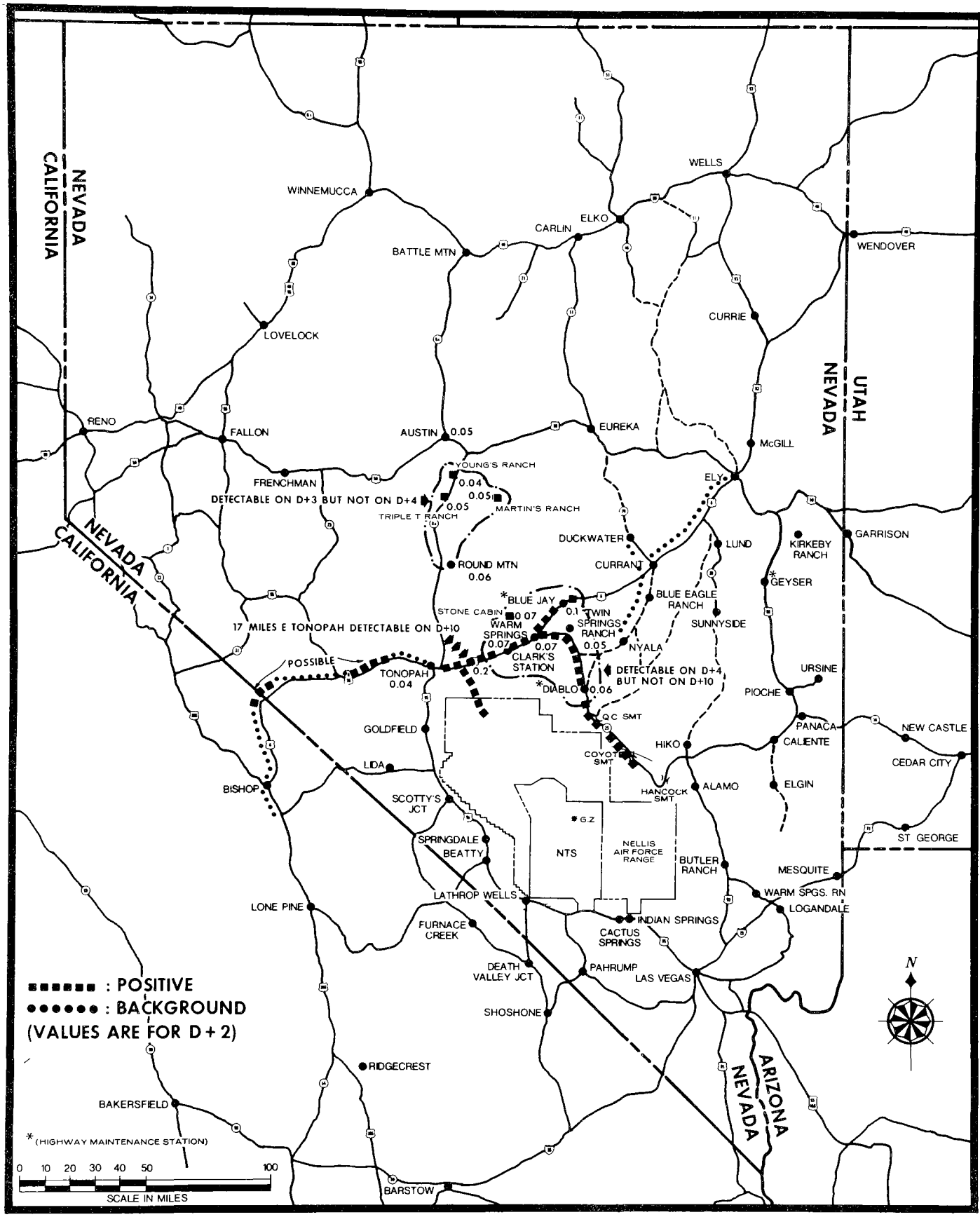

Figure 8. Area Monitored and Highest Exposure Rates (mR/h) - Nevada, Baneberry D+2 thru 10 (12/20-28/70).

Gamma Exposures

Estimates of infinity gamma exposures at 113 off-site locations were based on the integration of three types of ratemeter data and the extrapolation of thermoluminescent dosimeter readings. Ratemeter data included hand-held E-500B survey meter readings, E-500B recorder charts (henceforth called recorders) and RM-11 gamma recorder charts (henceforth called RM-11's). TLD values were obtained from EG&G model TL-12 dosimeters placed at various locations on D-day and from 93 off-site stations, which are maintained continuously. It was possible to estimate exposures on the order of one mR with ratemeter data, whereas the TLD estimates were limited to about 5 mR. Recorders supplemented ground monitoring, and the data from these two sources were considered equivalent. Most of the RM-11 data could not be used due to instrument malfunction.

Methods for calculating infinity exposures from ratemeter and TLD data are explained in detail in Appendix A. In summary, a generalized decay scheme of ground deposited activity was derived from vegetation and air samples. From this, factors were developed which, when applied to ratemeter and TLD readings, gave an infinity exposure estimate. This technique replaced the $t^{-1.2}$ extrapolation technique used to obtain the preliminary estimates reported on May 10, 1971[2] the five highest of which were 36 mR at Clark Station, 24 mR at Blue Jay Highway Maintenance Station, 17 mR at Diablo Highway Maintenance Station, 14 mR at Stone Cabin Ranch, and 13 mR at Warm Springs.

Whenever more than one exposure estimate was made for a given location, only one value was chosen to represent the exposure at that location. This "best estimate" was based on the completeness of the available data and the credibility of the particular instrument used. A range of values can be expected when more than one measurement of the quantity is made. The accuracy of calibration for the ratemeters with a ^{137}Cs source is ±20% of full scale, but additional error was, no doubt, introduced whenever incomplete data were integrated. Except for RM-11 data and TLD values below 1 mR, the greatest differences in exposure estimates were 46% at Diablo Highway Maintenance Station and 36% at highway stake 25NY2. All other differences were less than 31%, which is probably within the error of measurement and the extrapolation technique. From these best estimates the five highest exposures at inhabited locations were:

Blue Jay Highway Maintenance Station, Nevada - 16 mR
Clark Station, Nevada 13 mR
Diablo Highway Maintenance Station, Nevada - 13 mR
Warm Springs, Nevada 9 mR
Stone Cabin Ranch, Nevada - 8 mR

A complete listing of exposure estimates can be found in Appendix A, Table A-1. During the Baneberry post-shot monitoring period, 65 persons at 36 locations wore dosimeters. Only one of these persons, a resident of Diablo Highway Maintenance Station, had a measured exposure (4±3 mR) greater than background. Table A-2, Appendix A, includes all the dosimeter results for off-site personnel.

Data from Table A-1, Appendix A, were used to develop the isopleth map of exposures shown in Figure 9. The three isopleths representing 100 mR, 10 mR, and 1 mR gamma exposures plotted in this figure depict the general shape of the fallout pattern.

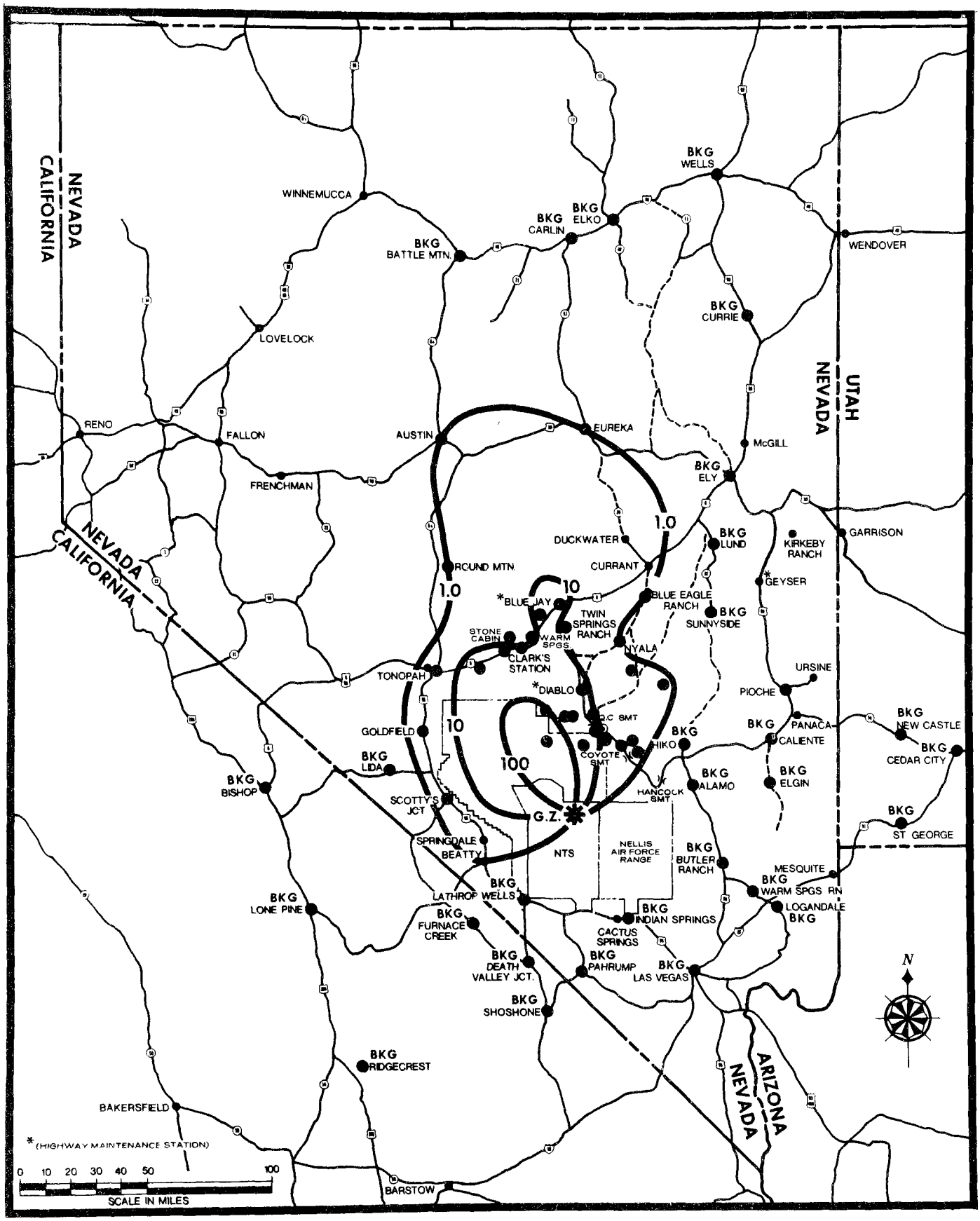

Figure 9. Net Infinity External Gamma Exposures (mR) - Nevada.

External exposures from Table A-1, Appendix A were plotted versus distance from the test point in Figure 10. The exposures vary according to their lateral distance from the line of maximum exposure along the effluent and deposition trajectory, as well as with distance from the test point. The exposures form an envelope to the left of a line representing the "line of maximum exposures" obtained from the isopleth plot in Figure 9. The line representing this function is shown on the scatter diagram indicating that exposure apparently decreased inversely as the fourth power of the distance from surface Ground Zero (GZ).

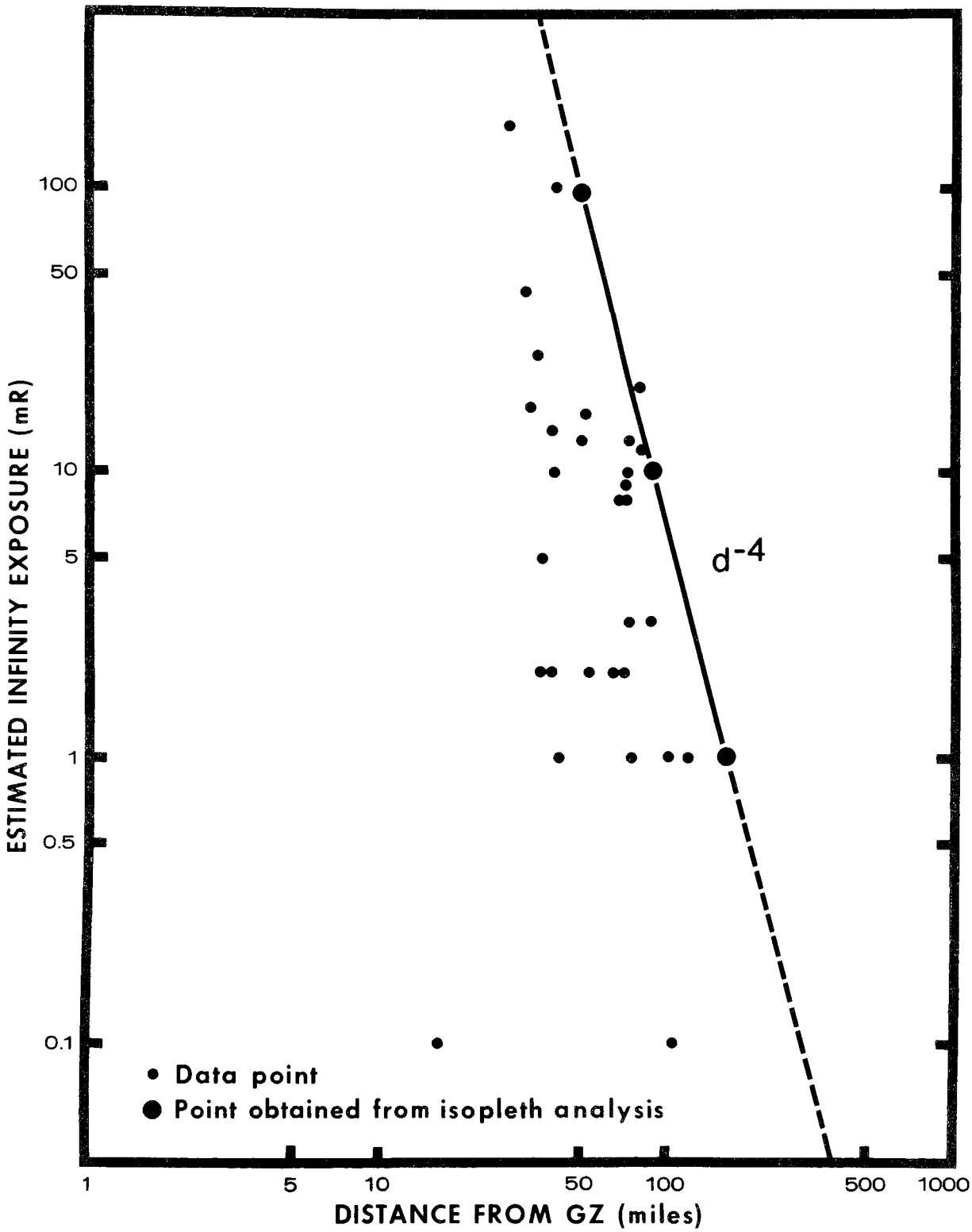

Figure 10. Infinity Exposures versus Distance.

Air Sampling

Various combinations of ^{131}I, ^{132}Te, ^{133}I, and ^{135}I were detected on the particulate filters and charcoal cartridges of air samplers comprising the Air Surveillance Network. From the time-integrated concentrations of the radionuclides extrapolated to end of collection, estimates were made of the potential radiation doses to the thyroids of off-site populations from the inhalation of the radioiodines and ^{132}Te.

Table 1 presents a summary of the estimated thyroid doses for all stations beyond the Test Range Complex at which the dose estimate could have exceeded 10 mrem, based on a hypothetical infant receptor (2-gram thyroid). These dose estimates were determined from the analytical results listed for these stations in Appendix C and the dose calculation procedure of Appendix B. The estimates of thyroid doses for all sampling stations are listed in Table B-2, Appendix B.

Table 1. Hypothetical Infant Infinity Thyroid Doses Greater than 10 mrem Due to Inhalation, as Estimated from Baneberry Air Sampling Results.

Location	Sampling Period Date/Time On Off	Time-Integrated Radioactivity Concentrations‡ ($\mu Ci \cdot sec/m^3$) ^{131}I	^{132}Te	^{133}I	^{135}I	Estimated† Infant Thyroid Dose Equivalent (mrem)
Stone Cabin Ranch* Nevada	18/0800 30/0800	21	71	280**	150**	100
Austin, Nevada	18/1100 23/1000	12*	31	150*	50	53
Round Mountain, Nevada	18/1146 26/1140	7.4	18	85**	27**	31
Blue Jay Hwy. Maint. Sta., Nevada	18/0740 28/0730	7.1	21	56	22**	23
Tonopah, Nevada	18/1130 26/1400	4.5**	8.2**	48**	35	19
Winnemucca, Nevada	19/0600 23/0600	5.3	16	47**	-	18
Warm Springs, Nevada	18/0800 22/0920	4.6	11	34	20**	15
Geyser Hwy. Maint. Sta., Nevada	18/1602 20/1705	5.1	21	28**	4.6**	14
Twin Springs Ranch, Nevada	18/0800 29/0800	5.8**	8.3	30**	2.1**	13
Ely, Nevada	18/1415 23/0900	4.1	14	28**	0.54**	12
Eureka, Nevada	18/1500 25/0700	3.8	12	28**	11**	12
Blue Eagle Ranch, Nevada	18/1700 25/1500	3.8**	12	24**	4.2	11
Frenchman Station, Nevada	19/0733 22/0700	3.7	13	27**	-	11

† - Calculation method shown in Appendix B.
‡ - Extrapolated to end of collection periods.
* - An electrical power failure between 0700 and 1200 on December 19 resulted in no sample collected for that period. Samples from Stone Cabin Ranch are identified in Appendix C as Clark Station
** - Estimated concentrations as described in Apprendix B.

Figure 11 presents the time-integrated concentrations of ^{131}I in air as a function of distance. The time-integrated ^{131}I values represent the total activity of this radionuclide on both the particulate filters and charcoal cartridges of all samples collected after December 18. Since atmospheric diffusion is approximately inversely proportional to the square of distance, a line with a minus 2 slope is presented for reference purposes only.

Factors which influenced the data scatter included:

(1) A release of activity which was extended over a long period of time.

(2) Existence of "drainage" wind conditions at the Nevada Test Site which essentially reversed the wind direction during the night of December 18.

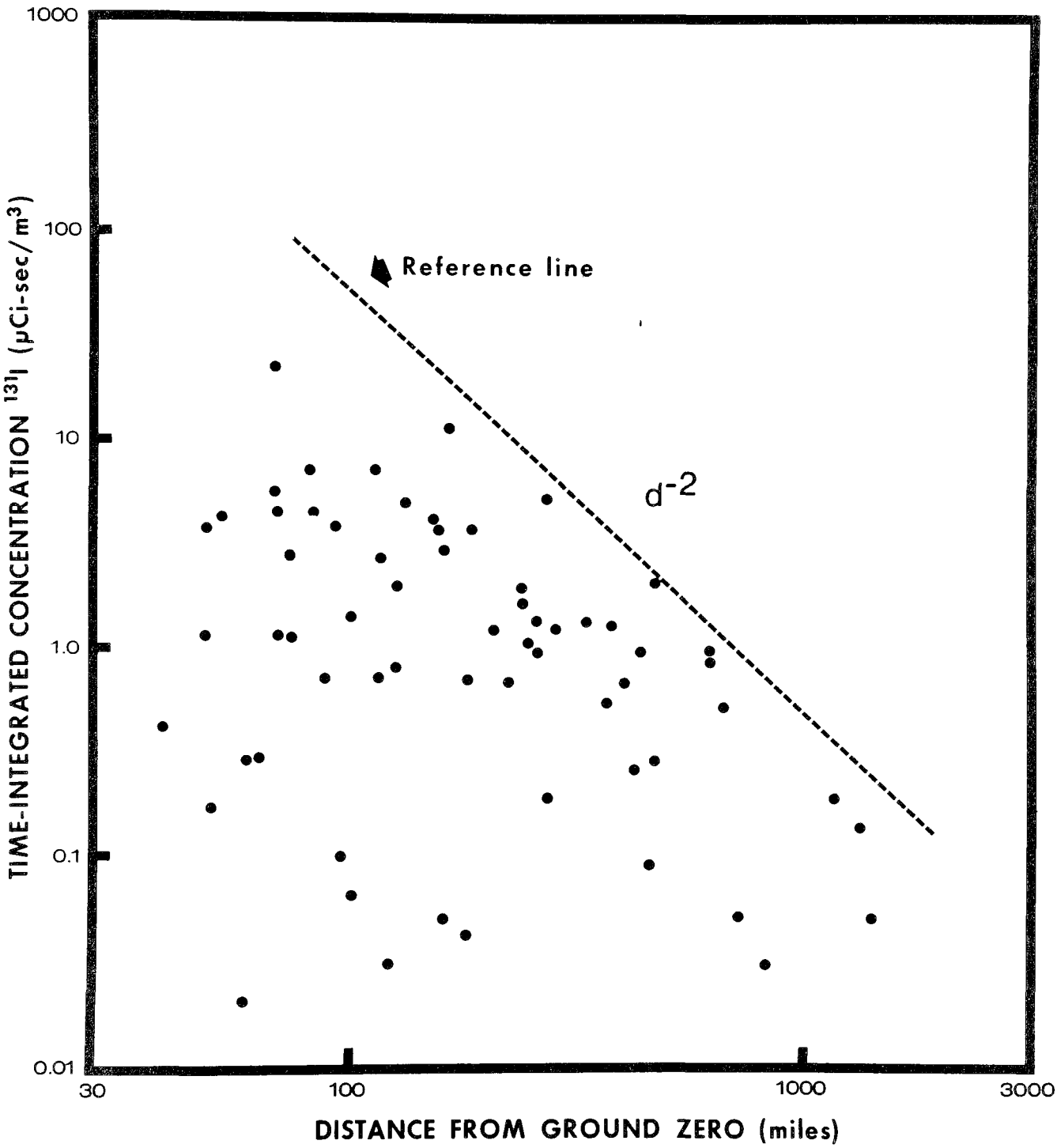

Figure 11. Integrated Concentrations of ^{131}I in Air versus Distance from Test Point.

The isopleths presented in Figure 12 represent estimates of the distribution of thyroid inhalation doses for hypothetical infant receptors within the state of Nevada. The isopleths were derived from the hypothetical infant thyroid doses calculated from all air sampling results listed in Table B-2, Appendix B. These data indicate wide-spread detection of the effluent from Baneberry, with the highest doses generally occurring in a north-northwest direction from surface Ground Zero.

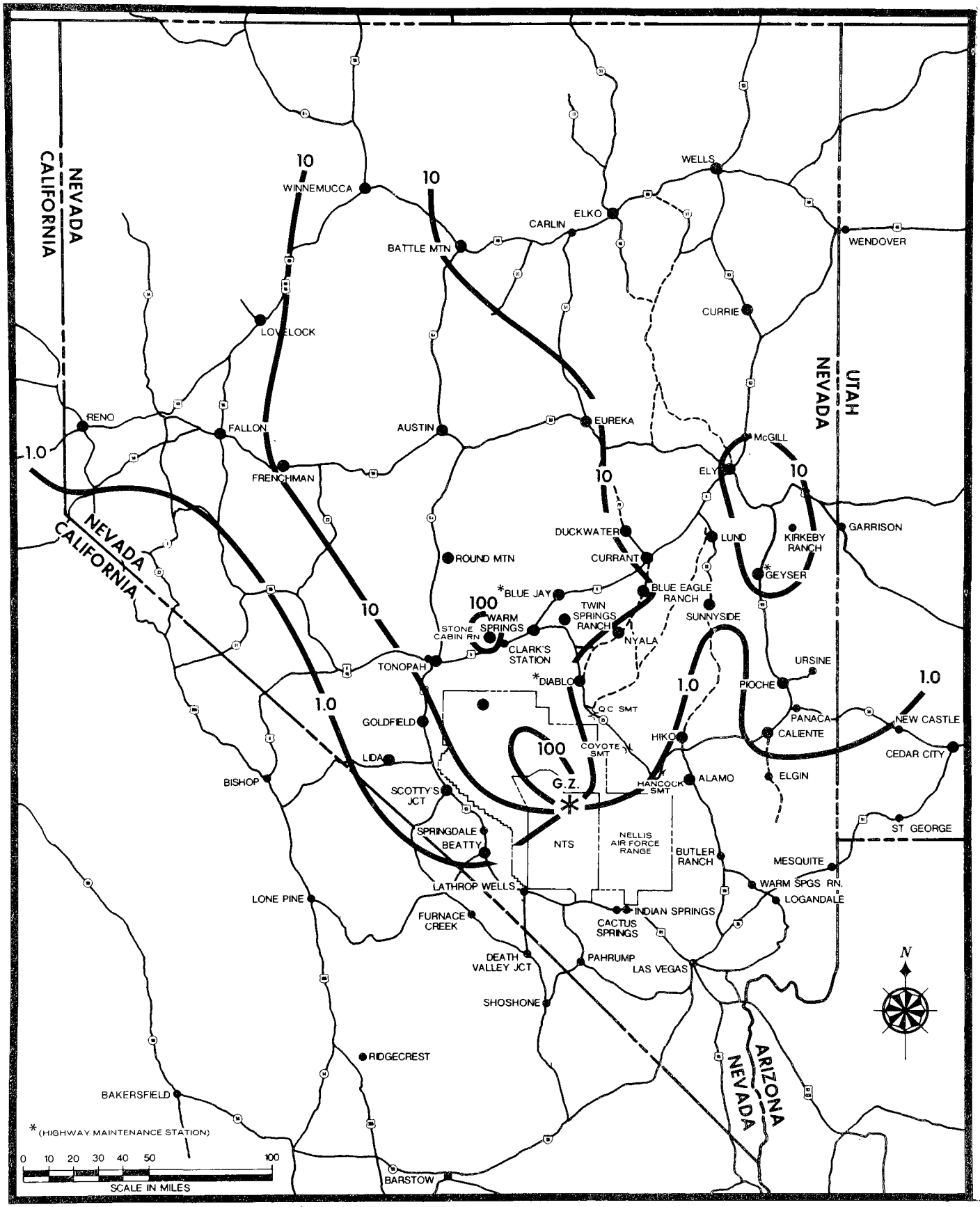

Figure 12. Distribution of Hypothetical Infant Thyroid Inhalation Doses (mrem) Within the State of Nevada.

Figure 13 presents the isopleths of the hypothetical infant thyroid inhalation dose estimates for the western United States as determined from air samples, both particulate filter and charcoal cartridge, obtained from the Air Surveillance Network. As indicated by this Figure, positive results were obtained in Nevada, California, Oregon, Washington, Idaho, Utah, Montana, Wyoming, South Dakota, Missouri, Arkansas and Texas.

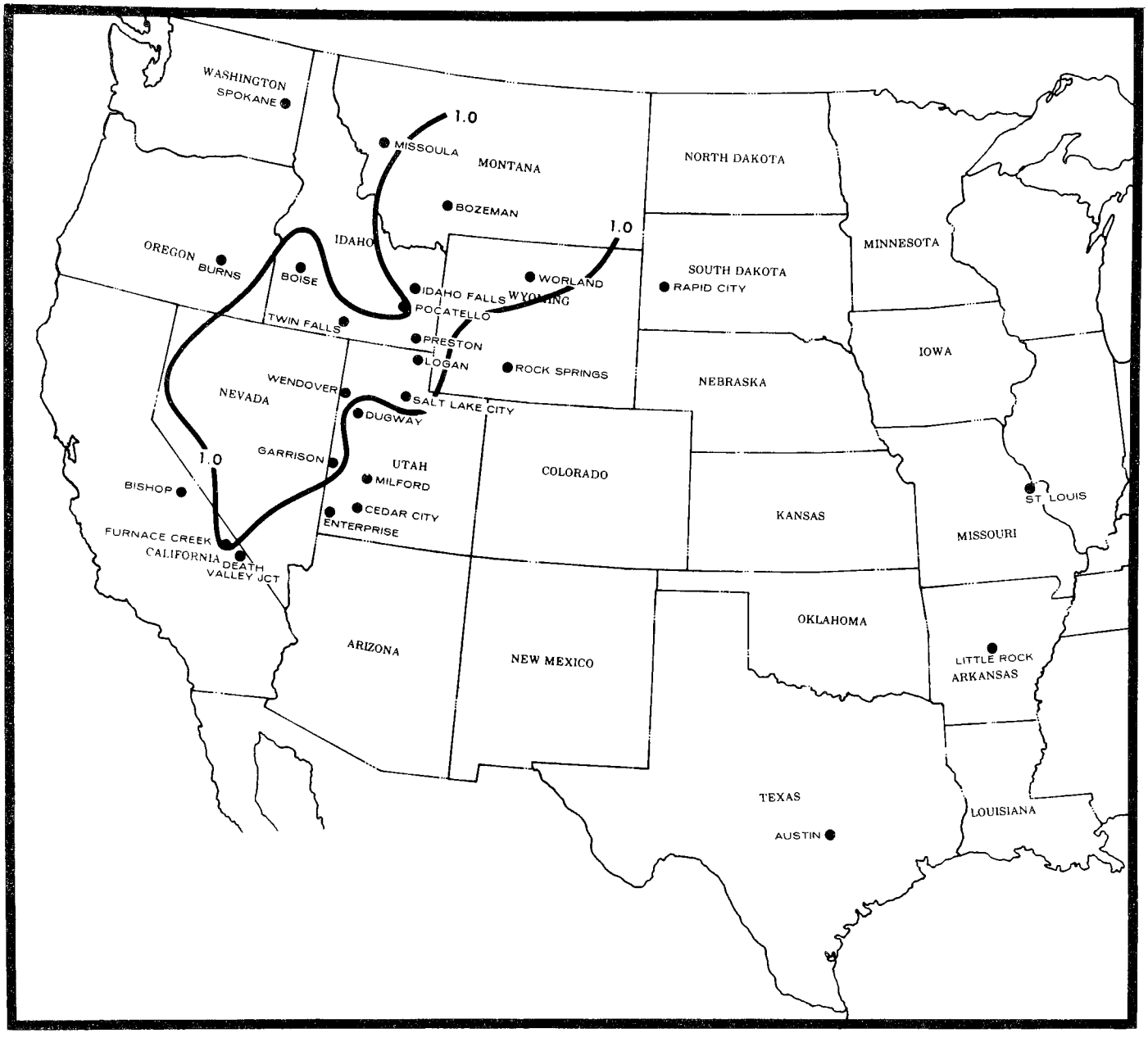

Figure 13. Distribution of Hypothetical Infant Thyroid Inhalation Doses (mrem) Outside Nevada.

Six air filters (one from the Test Range Complex) containing high concentrations of radioiodine and representative of the cloud path were analyzed for plutonium and radiostrontium. The analytical results for those samples collected beyond the Test Range Complex are shown in Table 2. The results for all filters are listed in Appendix C.

As indicated by Table 2, no ^{238}Pu or ^{90}Sr was detected in any of the air samples. Plutonium-239 was detected at Eureka, Nevada; however, its concentration was only slightly above the sensitivity of the analytical procedure, making its presence questionable. Strontium-89 was detected in each sample. This radionuclide, having a half-life of 53 days, is generally not detected in air except for several months following atmospheric tests by foreign nations. Even though a Chinese test was conducted in October 1970, the highest concentration of ^{89}Sr reported by HASL[3] (for several locations on or near the North American Continent) was 6.40×10^{-3} pCi/m^3. Since the concentrations of ^{89}Sr listed in Table 2 are considerably above this level, the ^{89}Sr is considered to be from the Baneberry Event.

Table 2. Plutonium and Strontium Results on Selected Baneberry Air Sampling Filters.

Location	Sampling Period Date/Time On Off	Radionuclide Concentration (pCi/m^3) ^{238}Pu	^{239}Pu	^{89}Sr	^{90}Sr
Blue Eagle Ranch, Nevada	18/1700 19/0935	<0.0004	<0.0001	1.0	<0.01
Duckwater, Nevada	18/0900 19/1025	<0.0004	<0.0001	1.2	<0.01
Eureka, Nevada	18/1500 19/0700	<0.0004	0.0003	1.2	<0.01
Geyser Hwy. Maint. Sta., Nevada	18/1602 19/1400	<0.0005	<0.0002	1.3	<0.01
Round Mountain, Nevada	18/1146 19/1158	<0.0003	<0.0002	1.5	<0.01

Milk Sampling

Milk, milk cow feed, and water were sampled by SWRHL monitors in Nevada and in areas bordering Nevada in Utah and California. Eleven locations, all in Nevada, were found to have both milk and cow feed containing radioiodine, except for the Larsen Ranch, near McGill, Nevada, where relatively low levels of activity were found only in the milk. These locations are generally northwest to northeast of the Test Range Complex, except at McCurdy's Ranch near Springdale, Nevada, which is to the southwest. The analytical results of all milk, water and cow feed samples are listed in Appendix C.

From the concentrations of radioiodine found in the milk at each of the eleven locations, the dose to the thyroid of a hypothetical infant receptor (2-gram thyroid) drinking one liter per day was estimated. Figure 14 shows the peak ^{131}I concentrations and estimated thyroid doses for each location in Nevada. The highest concentration detected was 810 pCi/l in a sample collected on December 26 and 27 at the McCurdy Ranch near Springdale, Nevada. The thyroid dose for a hypothetical infant receptor at this location was 260 mrem. All estimated doses at other locations were less than 50 mrem.

From a consideration of the actual milk distribution and consumption of the McCurdy milk, the estimated thyroid doses would be less than that for a hypothetical infant receptor. On December 31, the McCurdys discontinued distribution of their milk (raw and pasteurized) to local families in the Beatty and Springdale area, and only the McCurdys' children (13 and 15 years of age) continued to consume the milk. Prior to December 31, the milk (4 to 5 gal/day) was used at the ranch and sold to twelve other families. The youngest child in the other families was a two-year-old living in Beatty. On January 11, the milk from McCurdy's ranch was again distributed. Based on milk sampling results through February 3, 1971, at which time the ^{131}I concentration in the milk was below the limit of detection (10 pCi/l), the total thyroid doses estimated for the 2, 13, and 15-year-old children were 130, 50, and 40 mrem, respectively. Appendix B describes the dose calculations which were used.

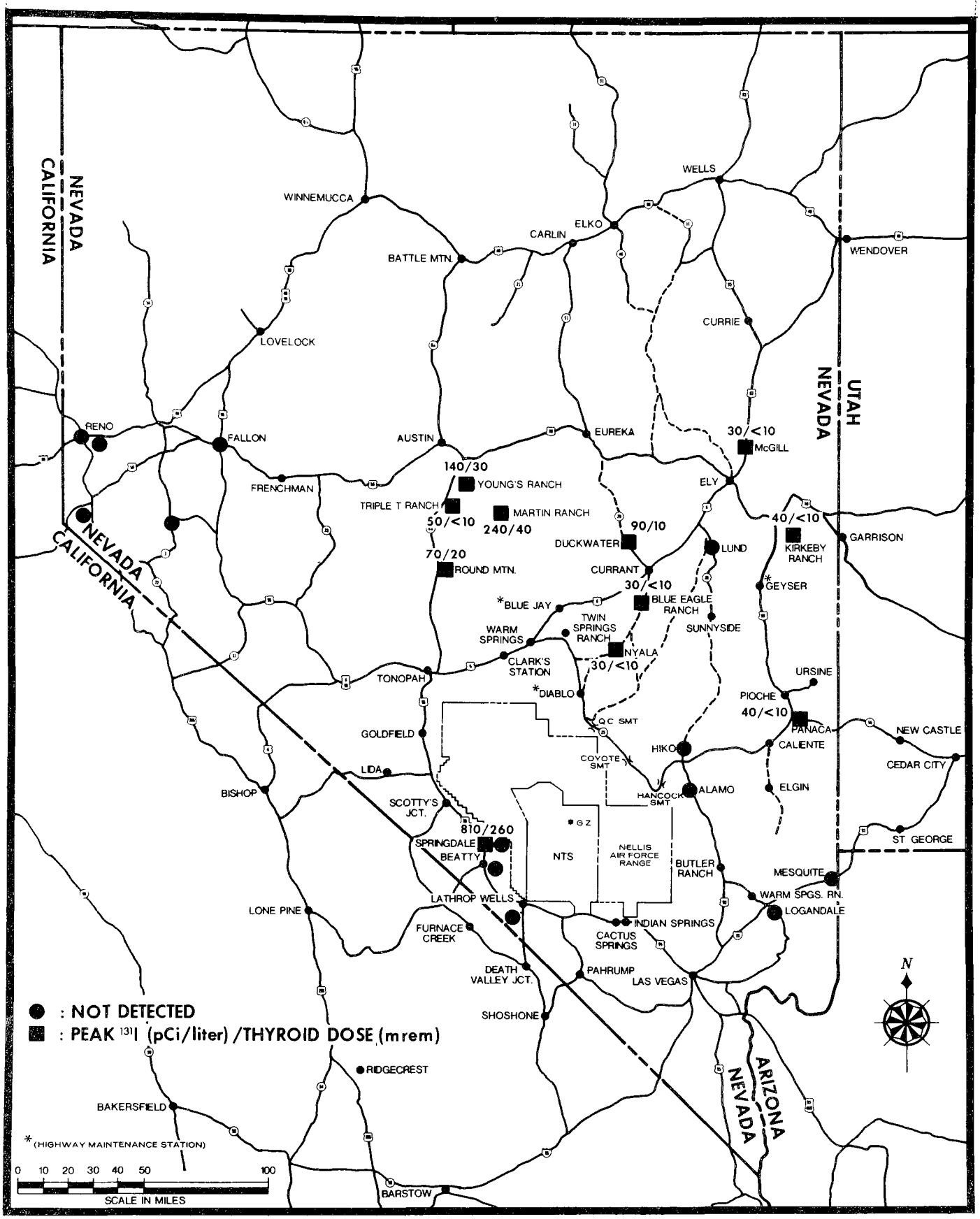

Figure 14. Peak ^{131}I in Milk and Estimated Hypothetical Infant Thyroid Dose.

SWRHL Standby Milk Surveillance Network stations were activated in the states of Colorado, Idaho, Utah, and Wyoming with partial activation in the states of Nevada and California. A total of 50 stations was contacted, and all submitted raw milk samples.

The Pasteurized Milk Network (PMN) stations at Laramie, Wyoming; Idaho Falls, Idaho; Salt Lake City, Utah; and Denver, Colorado, were also requested to send in weekly samples of pasteurized milk. Each sample was a composite of grab samples collected from dairies producing approximately 80% of the milk processed and consumed in each city.

Figure 15 shows those locations outside Nevada at which milk samples were collected and indicates the highest concentrations of ^{131}I found in the milk, with an estimate of the thyroid dose which would be received by an infant receptor drinking the milk. No radioiodine was detected in pasteurized milk samples from PMN stations; however, a raw milk sample collected on December 30 from the Laramie, Wyoming, PMN station contained 10 pCi/l ^{131}I. This sample was given a 40-minute count instead of 20 minutes, which lowered the MDA from 20 pCi/l to 10 pCi/l.

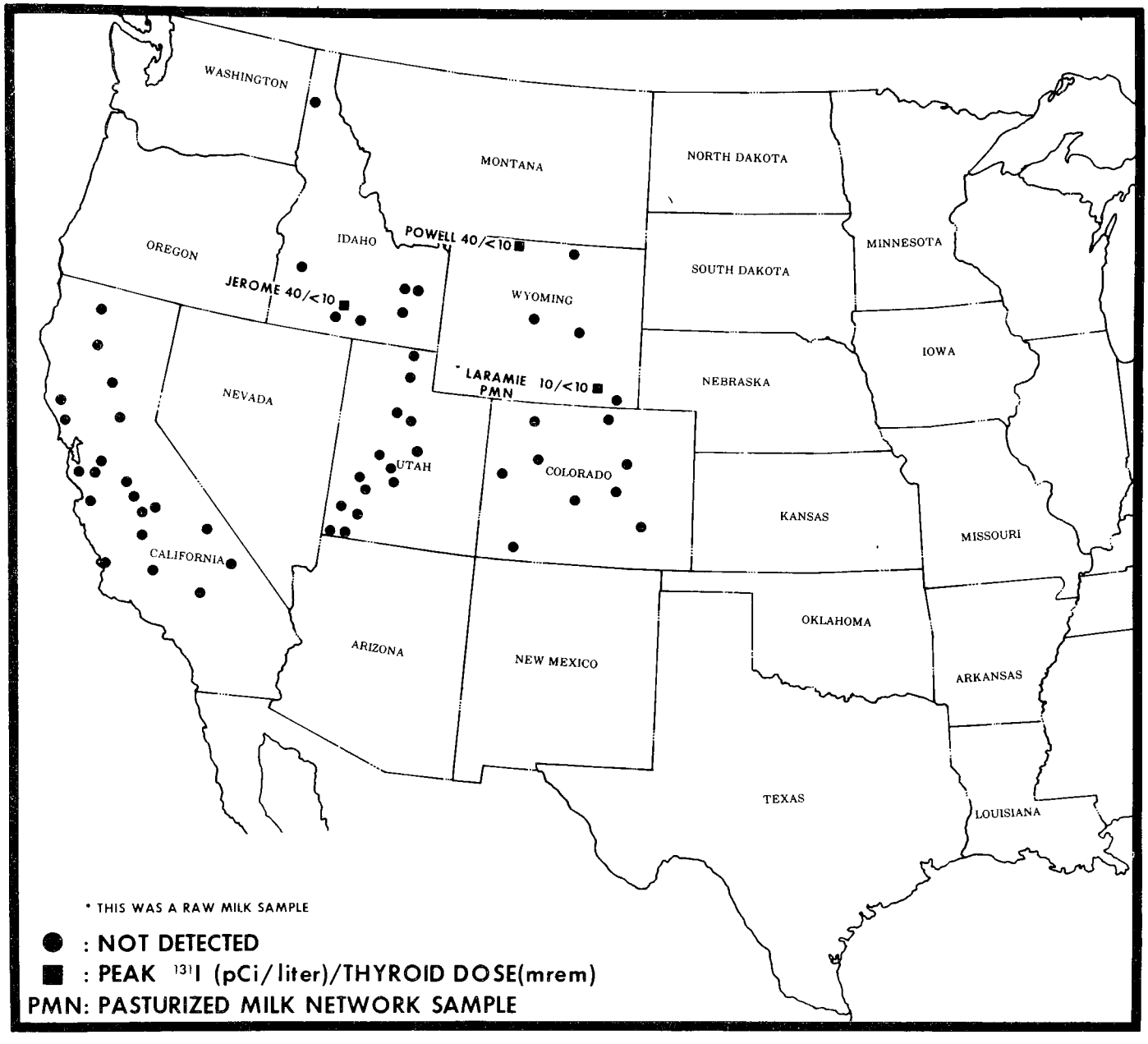

Figure 15. Radioiodine in Milk - Outside Nevada.

Milk Cow Feed Sampling

With the exception of a dairy near Lund, Nevada and ranches in the Springdale, Nevada and Beatty, Nevada area, the cows were fed a combination of hay and grain, and in some cases silage. In general, only the hay was unprotected and was the food type sampled. At Lund, which was in the area of effluent passage, the cows were fed a dairy mix stored in metal silos; therefore, radioiodine was not detected in the milk. At Springdale (McCurdy Ranch) the cows grazed on pasture and were also fed hay and grain (both covered prior to feeding) during milking.

Figure 16 is a plot of the highest feed concentration of ^{131}I (pCi/kg wet weight) at a given location versus the peak concentration of ^{131}I (pCi/l) in the milk at the same location. All concentrations shown in Figure 16 were extrapolated to time of collection, which was within two or three days after D-day, with the exception of the pasture sample at McCurdy's Ranch. Since this sample was collected twelve days later than the other samples, it was extrapolated to time of detonation to make the data more comparable. The line on the figure was derived from a least squares analysis of the data, assuming a relationship of (Highest Concentration in Feed) = k(Highest Concentration in Milk). The line represents a ratio of 9:1 for peak forage to peak milk concentrations (pCi/kg:pCi/l), which is similar to a ratio of 10:1 observed on previous events[4,5] for cows on pasture and green chop. All the values in Figure 16 resulted primarily from deposition on baled hay and/or inhalation of effluent by the cows. The only exception was the value for McCurdy's Ranch near Springdale (upper right-hand corner), which resulted from cows feeding on pasture.

At the McCurdy Ranch, four cows were allowed to graze on a pasture of 20 to 30 acres and drink from two ponds fed by several springs. Hay and grain were fed to the cows during milkings in the morning and evening. Since no activity was found in samples of the ponds and the top portion of the haystack was covered with a canvas during the effluent passage and the following heavy snowfall, the levels of radioiodine in the cows' milk were mainly attributed to the natural vegetation in the pasture. The samples of natural vegetation (rabbit bush and greasewood bush) growing beyond the meadow area surrounding the ponds contained the highest concentration of ^{131}I, 2900 pCi/kg. Hay samples obtained from different portions of the stack varied from non-detectable (under the canvas) to nearly the same ^{131}I concentrations found in the natural vegetation.

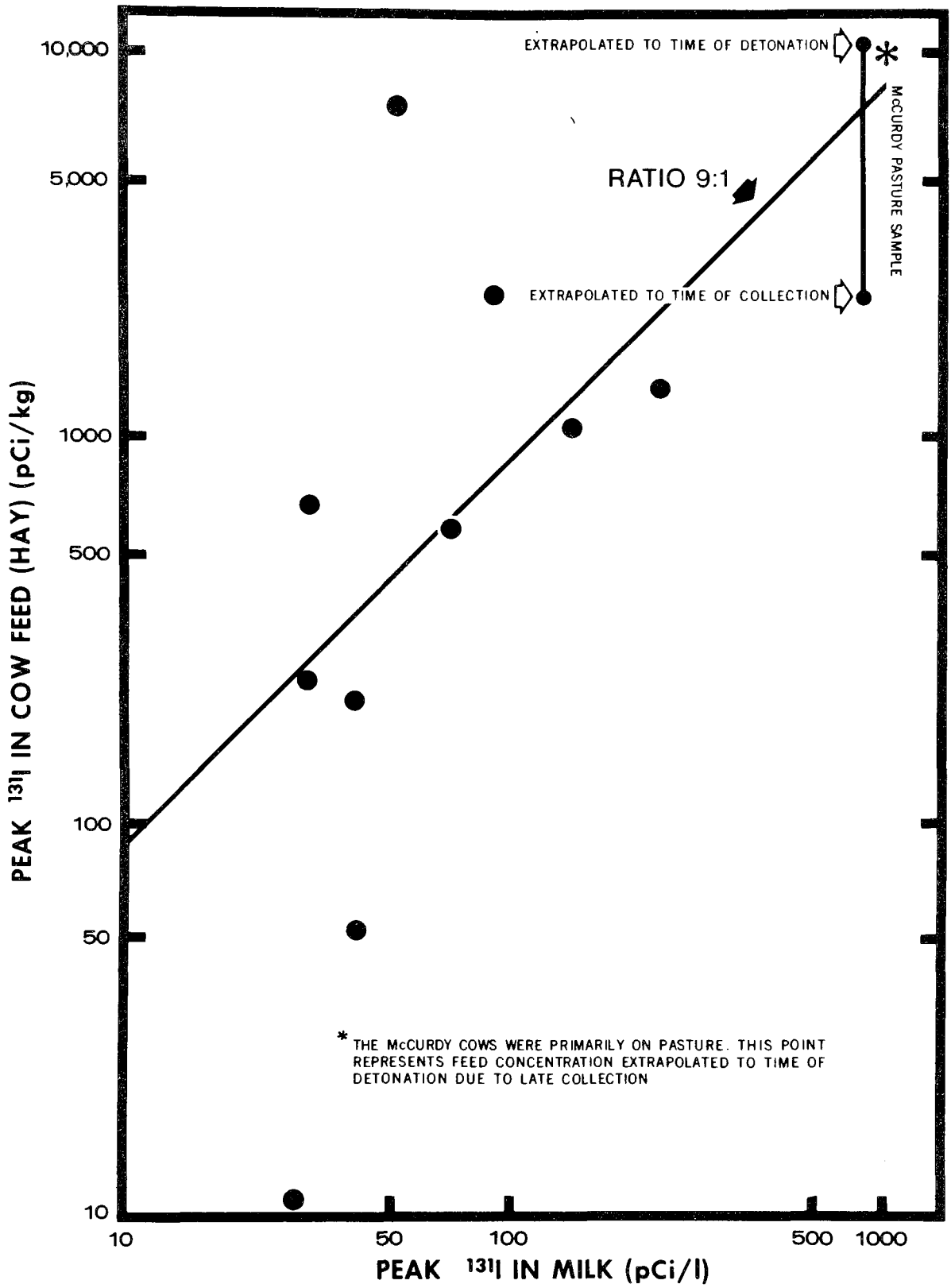

Figure 16. Peak ^{131}I in Milk versus Peak ^{131}I in Cow Feed.

Figure 17 illustrates estimated hypothetical infant thyroid doses as a function of distance from the shot location. As similarly done in Figure 11, a line representing dose inversely proportional to the square of distance is shown for reference purposes only.

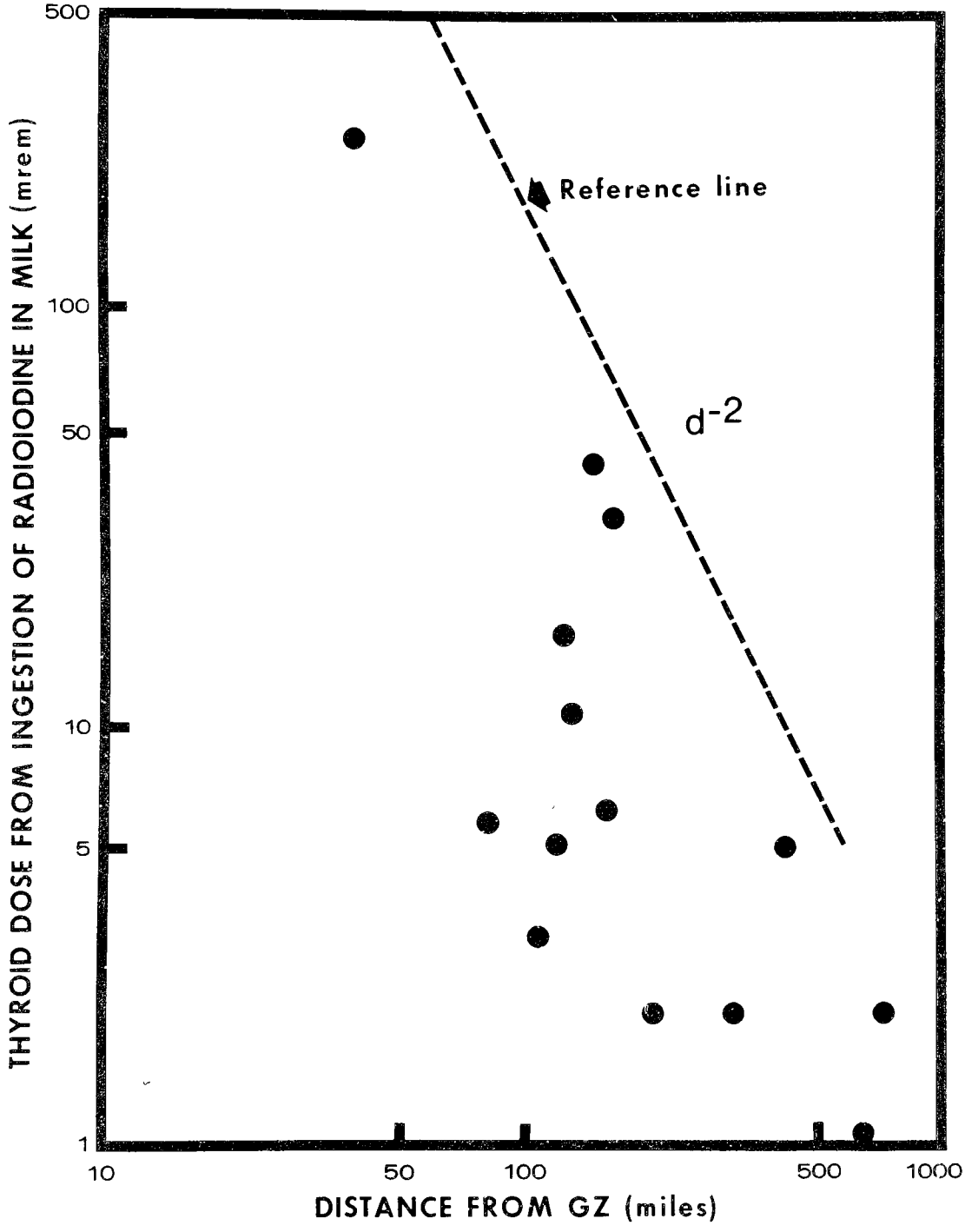

Figure 17. Estimated Hypothetical Infant Thyroid Doses as a Function of Distance.

Comparison of Ingestion Doses and Inhalation Doses

Infant thyroid ingestion doses calculated from measured milk concentrations of radioiodine (Table B-5, Appendix B) were plotted on Figure 18 against the estimated thyroid inhalation doses for the same locations. The inhalation doses were estimated from isopleth map Figure 12. A least squares line for the equation (Ingestion Dose) = k(Inhalation Dose) is shown on Figure 18, with k approximately equal to 0.7. The point for the McCurdy Ranch at Springdale (ingestion dose = 260 mrem) was excluded from the least squares calculation because of different feeding practices. Cows at other locations were on hay and/or using open stock tanks so that any radioiodine in their milk was the result of contamination of feed or water or both. Inhalation also contributed part of the doses. As discussed before, the cows at McCurdy's Ranch were on pasture.

The fact that estimated inhalation and ingestion doses at other locations were nearly equal, with inhalation doses even exceeding ingestion doses at some locations, is attributable to the use of hay. Any other conclusion drawn from the Figure is subject to several qualifications, among which are the following: (1) inaccuracies are introduced by the lack of air sampling data at locations with positive milk results; (2) minor differences in feeding practices cause significant variations in the estimated ingestion doses.

From the dose calculations, ^{131}I was the predominant contributor to ingestion dose, but was responsible for only about one-fifth of the inhalation dose at most locations.

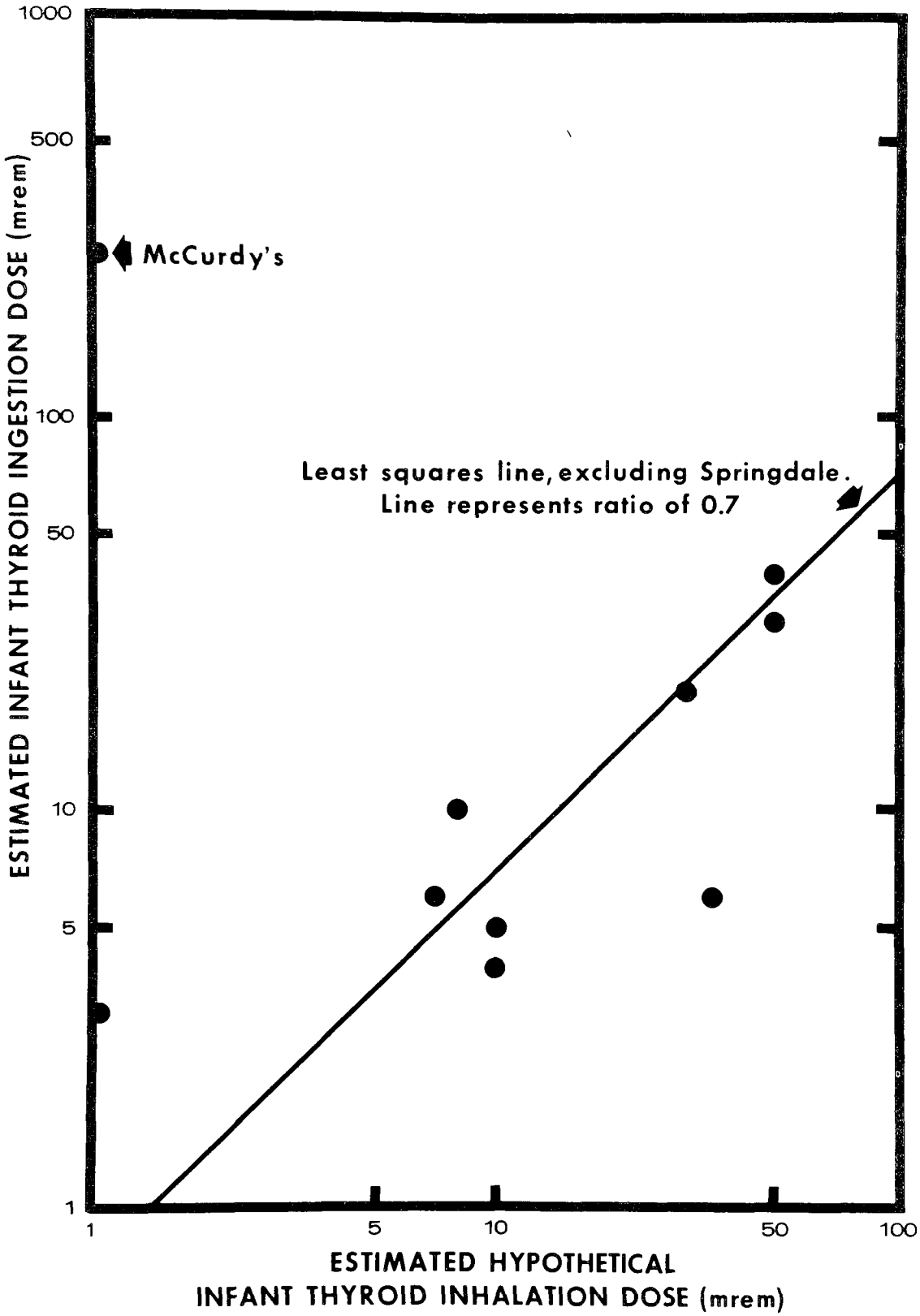

Figure 18. Estimated Hypothetical Infant Thyroid Ingestion Doses versus Inhalation Doses.

Water Sampling

Water samples were obtained by SWRHL monitors from 29 locations in Nevada, Utah, and California. These samples were collected at all locations where milk samples were collected, from household tap water at eight ranches in Nevada and at selected open bodies of water. Figure 19 shows the locations in Nevada from which water was collected. The six samples containing radioiodine were from open water sources or stock tanks located north and northeast of the Test Range Complex. Five were in Nevada, and one, not shown in the Figure, was in Utah. The samples with the highest concentration of ^{131}I (78 pCi/l) was collected from a pond at Reed Ranch (uninhabited) located near the northern boundary of the Test Range Complex.

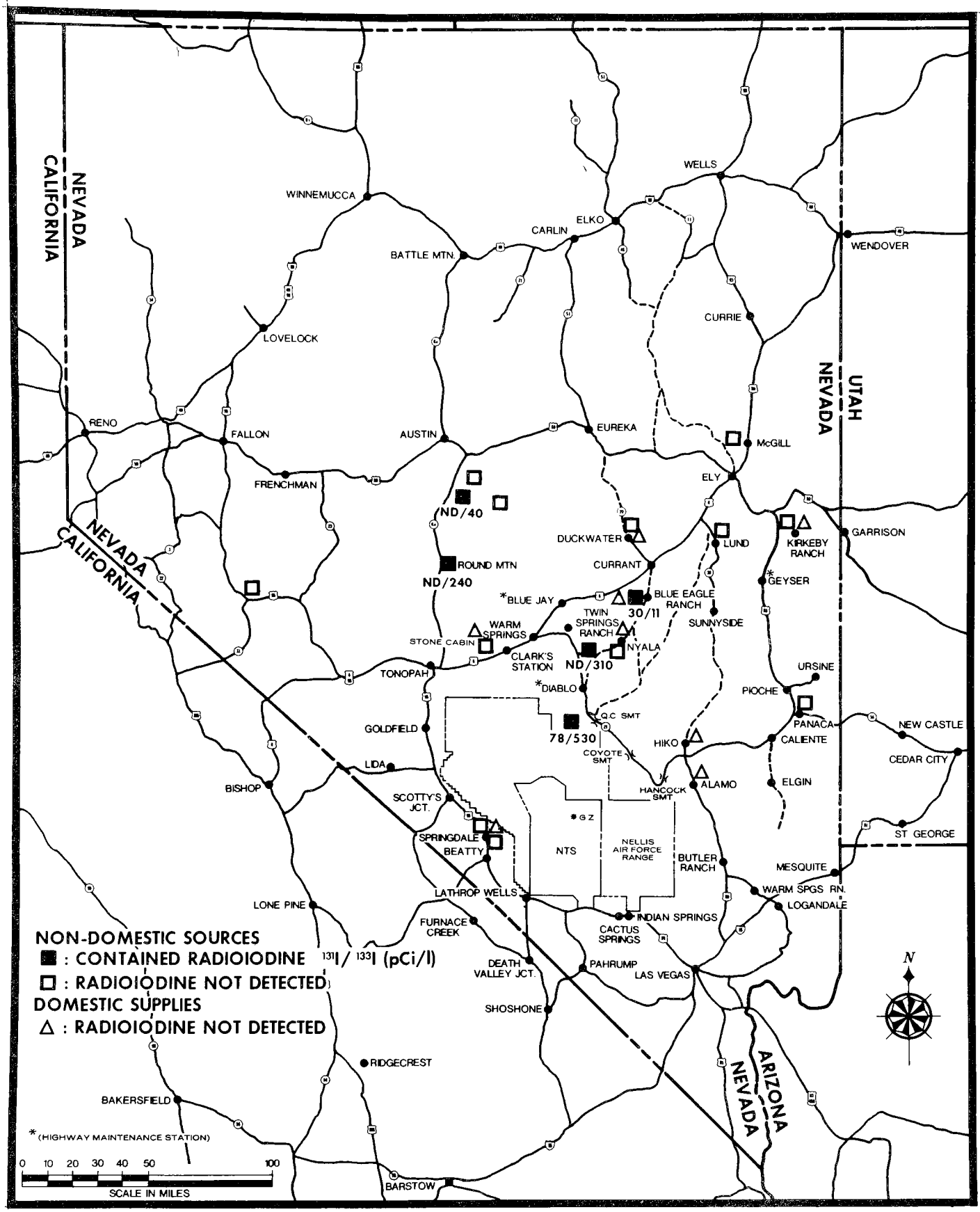

Figure 19. Water Sampling - Nevada.

Natural Vegetation Sampling

Samples of natural vegetation were collected along highways and at populated locations to define the extent of radioactive deposition resulting from the release. The vegetation samples were collected at locations surrounding the Test Range Complex in California, Nevada, and at locations in Utah running from Ogden to St. George.

The gross gamma analytical results (cpm/kg wet weight) of all vegetation samples are listed in Appendix C. Since the samples were collected at different times, each activity concentration was extrapolated to H+24 hours in accordance with a $t^{-1.2}$ decay. Since the vegetation samples were all counted within 10 days after the event, this decay is consistent with the decay scheme of ground deposited activity based upon Figure A-1, Appendix A. Figure 20 shows isopleths for these extrapolated concentrations on a map of Nevada. As indicated by this Figure, radioactivity was deposited on vegetation within a sector of about 270° from south-southwest through west, north, and east of the Test Range Complex. The highest extrapolated concentrations of activity were found about 90 miles due north of the test location.

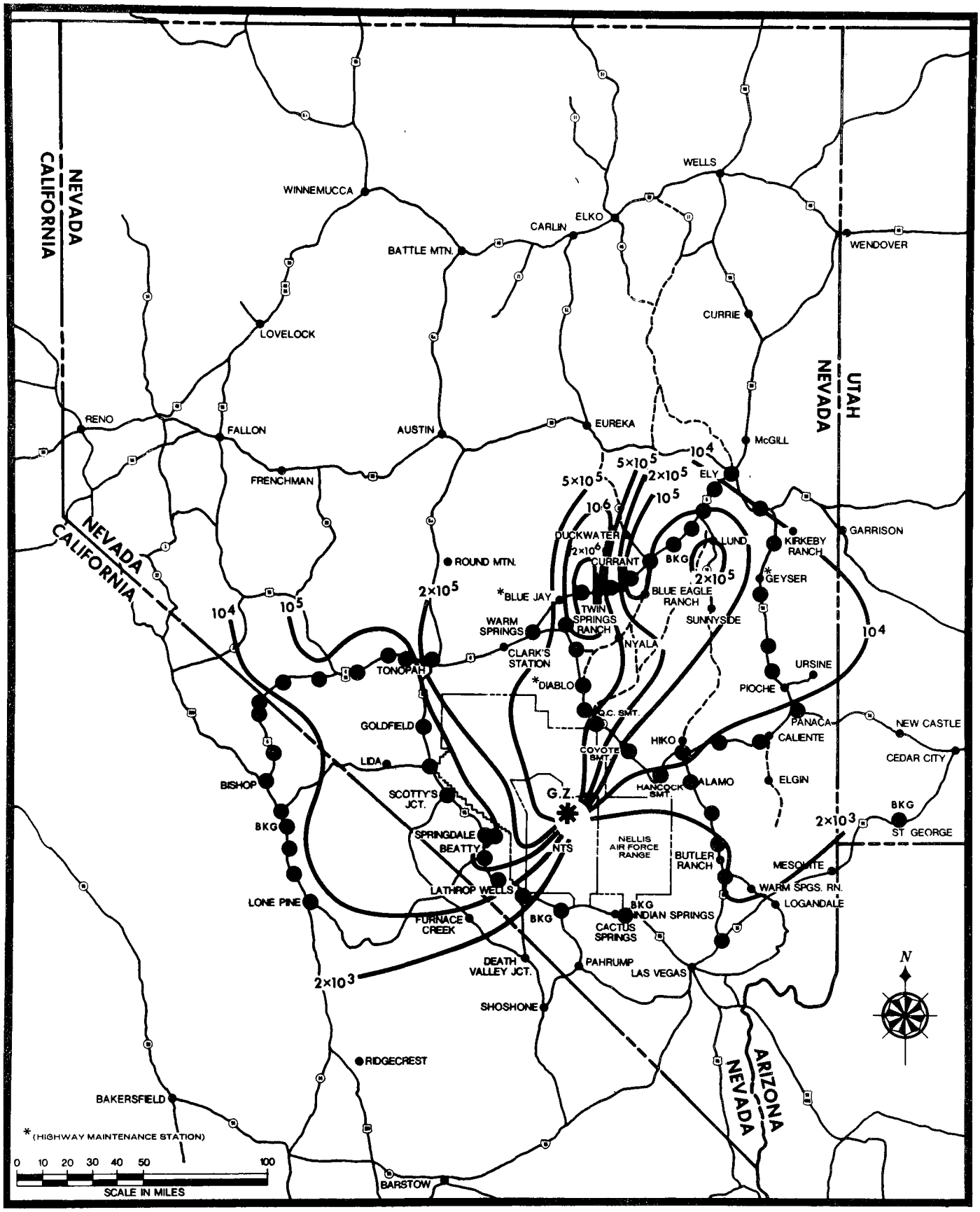

Figure 20. Vegetation Sampling Results (gross gamma cpm/kg) - Nevada.

Precipitation Sampling

During and following the Baneberry Event, most of the western States experienced snow showers. Snow samples were collected at locations surrounding the northern half of the Test Range Complex in central Nevada and at various locations in California, Utah, Colorado, Idaho, Wyoming, Minnesota, North and South Dakota, Montana, and Arizona. Whenever possible, snow was collected at the same locations at which samples of natural vegetation or milk were collected, including the Standby Milk Surveillance Network Stations. Exceptions were snow samples collected from cities in North and South Dakota and Minnesota. These samples were collected from municipal airports visited by SWRHL personnel on December 24, 1970. Fresh fission products detected were various combinations of ^{131}I, ^{133}I, ^{135}I and ^{132}Te. No fresh fission products were detected in snow from South Dakota, Montana, Arizona, and Colorado.

Since the majority of the samples contained ^{132}Te and the samples were collected over a wide range of time, each sample concentration of ^{132}Te was extrapolated to H+60 hours. Figure 21 shows isopleths for these extrapolated concentrations within Nevada. The highest level of radioactivity found in any sample was collected at the Blue Jay Highway Maintenance Station, north of the Test Range Complex. Concentrations of radioactivity in the melted snow at this location were 1.9×10^6 pCi/l ^{132}Te, 3.2×10^5 pCi/l ^{131}I, and 2.2×10^6 pCi/l ^{133}I. The results of all samples are listed in Appendix D. Snowfall records indicated that the radioactivity in the samples at the Blue Jay Highway Maintenance Station resulted from snow-out instead of deposition on snow already deposited on the ground. Records for all other locations north of the test site indicate that radioactivity was deposited on the surface of the snow (see Appendix B).

After the environmental sampling phase of Baneberry, it was learned that eight sheepherders, working in the area shown on Figure 21 as a shaded area south of Eureka, were using melted snow as a source of drinking and cooking water. Other herders may have ingested snow from other areas where the deposition was less. Based on environmental sampling results, information obtained from the sheepherders on their location and water consumption, and snowfall records, a reasonable estimate of their thryoid dose is 0.5 rem, plus or minus a factor of three*. The factor of three is based on alack of detailed information concerning the geographical distribution of the fallout in the area, the effect of dilution of the activity due to new snowfall, and the distribution of radioactivity with the depth of snow on the ground. Appendix B discusses the assumptions used in the dose estimate.

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*An expected value of 0.5 rem within a range of 0.17 rem to 1.5 rem.

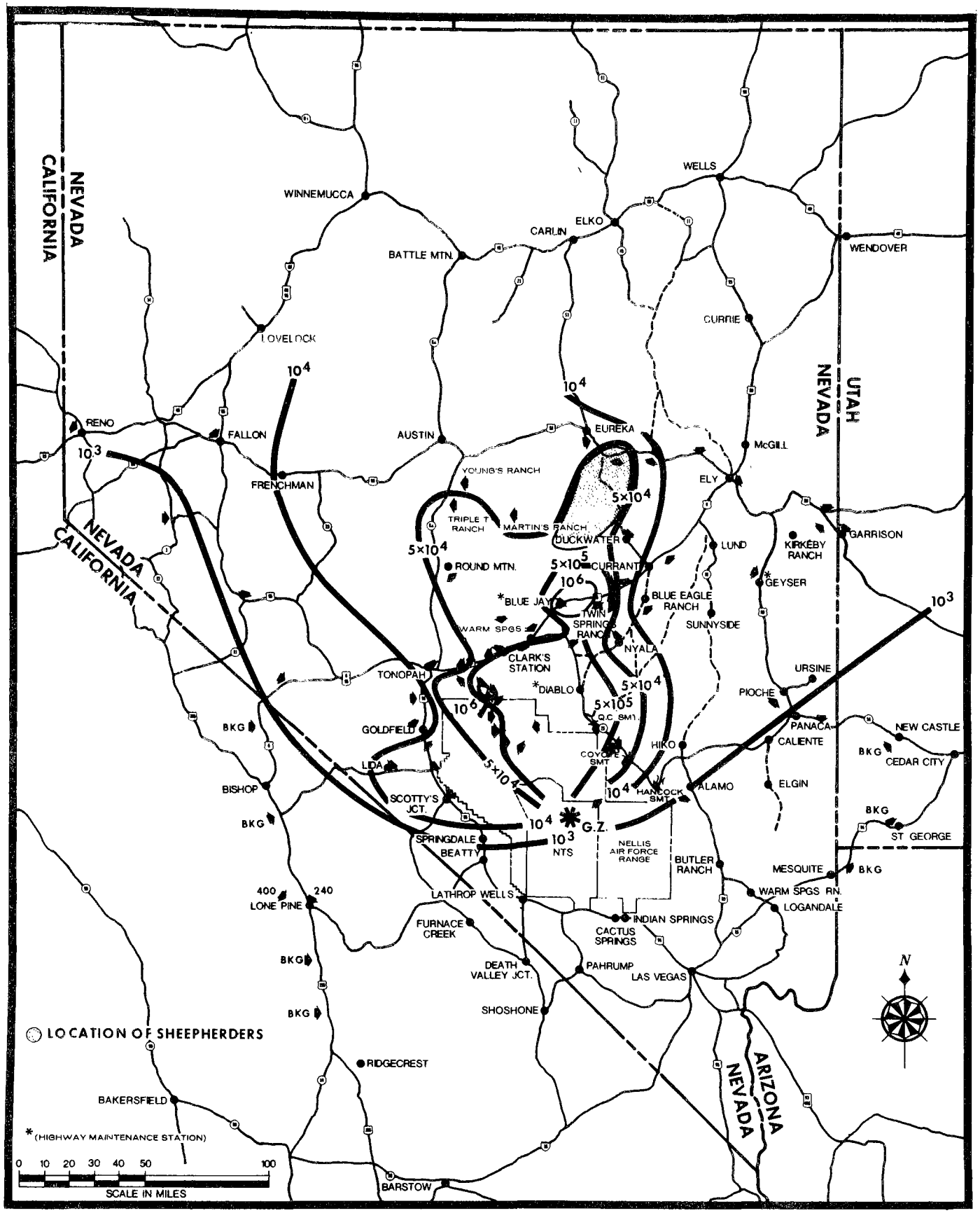

Figure 21. ^{132}Te Concentration (pCi/l) in Precipitation Samples - Nevada.

Figure 22 shows isopleths of the extrapolated ^{132}Te concentrations for snow sampling locations within the western United States. As shown by this figure, activity was deposited with or on the snow throughout Nevada and to the northeast as far as North Dakota and Minnesota.

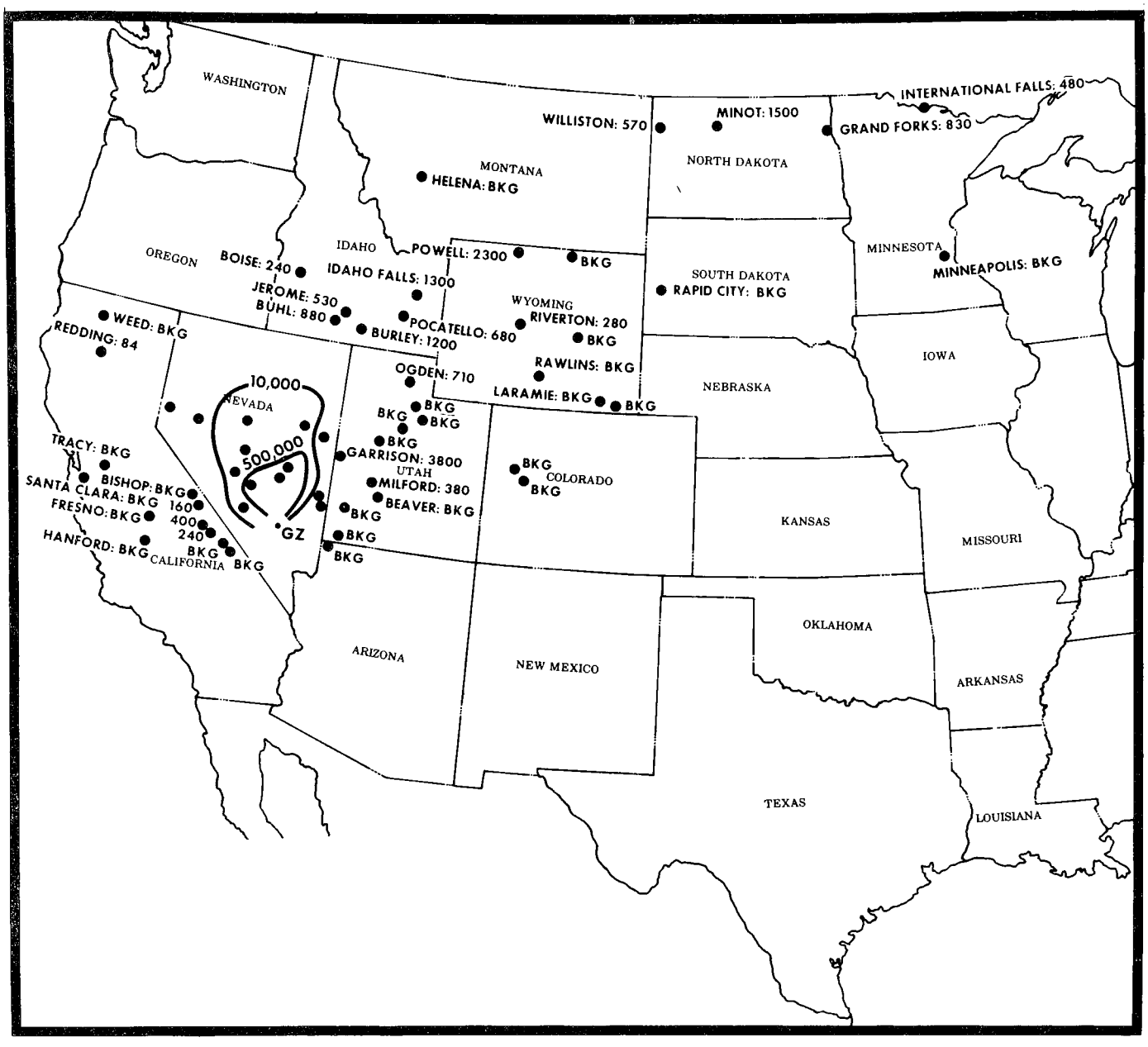

Figure 22. ^{132}Te Concentration (pCi/l) in Precipitation Samples - Outside Nevada.

Twenty-six precipitation samples having high concentrations of radioiodine were selected and analyzed for ^{3}H. Twenty-four of these samples were collected outside the Test Range Complex, two were collected on-site. Ten of the off-site samples were additionally analyzed for plutonium and radiostrontium. For the purpose of establishing background levels, a rain sample collected at Las Vegas on December 21 was analyzed for tritium, and three snow samples collected at Kyle Canyon on Mt. Charleston in March 1971 were analyzed for ^{3}H, ^{238}Pu, and ^{239}Pu.

The results for those Baneberry samples collected beyond the Test Range Complex and for the background samples are shown in Table 3. All results are listed in Appendix C. As shown by Table 3, ^{3}H, ^{89}Sr, ^{238}Pu, and ^{239}Pu were found at levels which are attributed to the Baneberry Event. The concentrations of ^{3}H, ^{238}Pu, and ^{239}Pu were higher in the Baneberry samples than in the background samples, which agreed with other published data[6,7]. Because of its relatively short half-life (53 days) and infrequent introduction in the atmosphere, the concentration of ^{89}Sr in air and precipitation is quite variable, depending upon the incidence of foreign atmospheric testing. However, its presence with the ^{3}H and ^{239}Pu infers that its source was the Baneberry Event.

Table 3. Tritium, Strontium, and Plutonium Concentrations in Selected Precipitation Samples.

Location	Collected Time/Date	Radionuclide Concentration (pCi/l) ^{3}H	^{89}Sr	^{90}Sr	^{238}Pu	^{239}Pu
Clark Station, Nev. Stone Cabin Ranch	1055-12/19/70	21,000	770	<10	<0.1	0.6
	1115-12/19/70	12,000	NA	NA	NA	NA
Tonopah, Nev-10 mi.S.Jct.Hwy 6&TTR Turn-Off	1020-12/19/70	13,000	130	<10	<0.2	1.0
Tonopah, Nev-15 mi.S.Jct.Hwy 6&TTR Turn-Off	1033-12/19/70	5800	110	<10	0.4	2.6
Warm Springs, Nevada	1240-12/20/70	4500	110	<10	<0.2	0.9
Blue Jay Hwy Maint. Station, Nevada	1240-12/19/70	3400	140	<10	0.4	3.2
Warm Springs, Nev.- Twin Springs Ranch	1130-12/19/70	1800	75	<10	0.4	5.0
Currant, Nev. 30 mi. S. W. on Hwy 6	1430-12/20/70	1800	180	<10	0.1	3.3
Queen City Summit, Nev.-2 mi. E. on Hwy 25	1330-12/19/70	710	160	<10	1.0	5.6
Coyote Summit, Nev-Valley Rd Turn-Off, Hwy 25	1410-12/19/70	<400	30	<10	2.0	6.0
Austin, Nevada	1445-12/19/70	9500	NA	NA	NA	NA
Clark Station, Nev.- 7 mi. E. on Hwy 6	1127-12/19/70	4800	NA	NA	NA	NA
Tonopah, Nevada	0740-12/19/70	3400	NA	NA	NA	NA
Ely, Nev. - 57 mi. E. on Hwy 6	1030-12/19/70	2000	NA	NA	NA	NA
Baker, Nev. 0.5 mi. S. on Hwy 73	1048-12/19/70	1900	NA	NA	NA	NA
Eureka, Nev. 5 mi. E. on Hwy 50	1145-12/19/70	1500	NA	NA	NA	NA
Goldfield, Nevada	0900-12/19/70	1200	NA	NA	NA	NA
Coyote Summit, Nev. - Koyne's Mill	1400-12/19/70	960	NA	NA	NA	NA
Alamo, Nev. Stewart Dairy	1105-12/19/70	810	NA	NA	NA	NA
Garrison, Utah	1120-12/19/70	710	NA	NA	NA	NA
Eureka, Nev. 24 mi. E. on Hwy 50	1045-12/19/70	690	NA	NA	NA	NA
Eastgate, Nev. Middlegate Ranch	1330-12/19/70	650	NA	NA	NA	NA
Pioche, Nevada	1220-12/19/70	650	NA	NA	NA	NA
Currant, Nev. - Currant Summit Hwy 6	0935-12/19/70	450	NA	NA	NA	NA
Las Vegas, Nevada	1600-12/21/70	<400	NA	NA	NA	NA
Kyle Canyon, Nev. Ranger Station	0955-3/23/71	<400	NA	NA	<0.01	0.03
Kyle Canyon, Nev. Fire Station	0945-3/23/71	<400	NA	NA	<0.02	0.01
Kyle Canyon, Nev. - Lodge	0925-3/23/71	<400	NA	NA	<0.02	0.03

NA = Not Analyzed

Whole-Body Counting

Five personnel who served on the SWRHL aircrew for aerial tracking and sampling of the Baneberry release were counted in the SWRHL whole-body counter. Two of these individuals were counted on the day of the event, at which time the ^{133}I and ^{135}I thyroid burdens were determined. Subsequent measurements of one of these individuals yielded an extrapolated ^{131}I burden of 200 pCi at time of count. The dose to the thyroid from ^{131}I, ^{133}I, and ^{135}I for this individual was estimated to be less than 50 mrem. The other three aircrew members were counted on December 21-23, 1970, but no activity was detected. Considering the sensitivity of the counting (page 96), all doses to the thyroids of the five individuals were estimated to be less than 50 mrem.

Two off-site monitors, who were in the area of Baneberry effluent passage, were whole-body counted on December 21 and one on December 23. These monitors were all on Highway 25 at the following locations: (1) 2 miles east of the Nye-Lincoln County line, (2) about half way between Queen City Summit and Coyote Summit, (3) Diablo Highway Maintenance Station. The monitor located between Queen City and Coyote Summit was mobile in the effluent while the others were stationary. All three were present at cloud arrival (about 1300 hours) and departed about 2000 hours. None of the three showed body burdens of Baneberry radionuclides.

Mrs. McCurdy and her thirteen-year-old son were whole-body counted on January 16, 1971. No activity was conclusively detected in either individual. From the minimum sensitivity of the whole-body counter for ^{131}I and from the analytical results of the milk samples, the highest estimated thyroid dose that either individual could have received from ^{131}I was less than 10 mrem. The methods used for the above dose estimates are described in Appendix B.

DISCUSSION AND CONCLUSIONS

Radiological analyses of environmental samples collected beyond the Test Range Complex following Baneberry detected levels of radioiodine, tritium, plutonium, and radiostrontium which could be attributed to the passage of the effluent. Evaluation of the radioactivity concentrations and measurements of external gamma radiation levels indicate that the radiation exposures to off-site residents were within the radiation protection standards of the AEC Manual, Chapter 0524.[8]

Figure 23 presents the estimated distribution of total doses to the thyroids of hypothetical infant receptors within the state of Nevada. The total thyroid doses represented by the isopleths are a summation of doses from external gamma radiation exposures, the ingestion of milk containing radioiodine, and the inhalation of airborne radioiodine. The Figure was prepared by combining the information from Figures 9, 12, and 14. The external gamma exposures in mR in Figure 9 were conservatively taken to be equal to thyroid doses in mrem for the purpose of this Figure. As shown by Figure 23, the total thyroid doses were below 0.5 rem, the radiation protection standard for thyroid doses to a representative population sample.[8]

The highest estimated thyroid dose was for the sheepherders who were working in the area south of Eureka, Nevada, and using melted snow containing radioiodine from Baneberry for drinking and cooking. Although samples of melted snow used by the herders were not collected, inferential evidence from samples taken around the area of the herders, local climatological records and statements of the herders support a thyroid dose estimate of 0.5 rem ± a factor of 3, which is within the radiation protection standard of 1.5 rem for individuals within the general population.[8]

Although ^{89}Sr and ^{239}Pu were detected on selected air filters, the concentrations were below the annual average Concentration Guides for a representative population sample. These guides are 100 pCi/m^3 for ^{89}Sr and 0.02 pCi/m^3 for ^{239}Pu.[8] The concentrations of ^{3}H, ^{89}Sr, ^{238}Pu, and ^{239}Pu in the precipitation samples were also below the Concentration Guides for drinking water for a representative population sample; 10^6 pCi/l for ^{3}H, 1000 pCi/l for ^{89}Sr, and 1700 pCi/l for ^{239}Pu or ^{238}Pu.

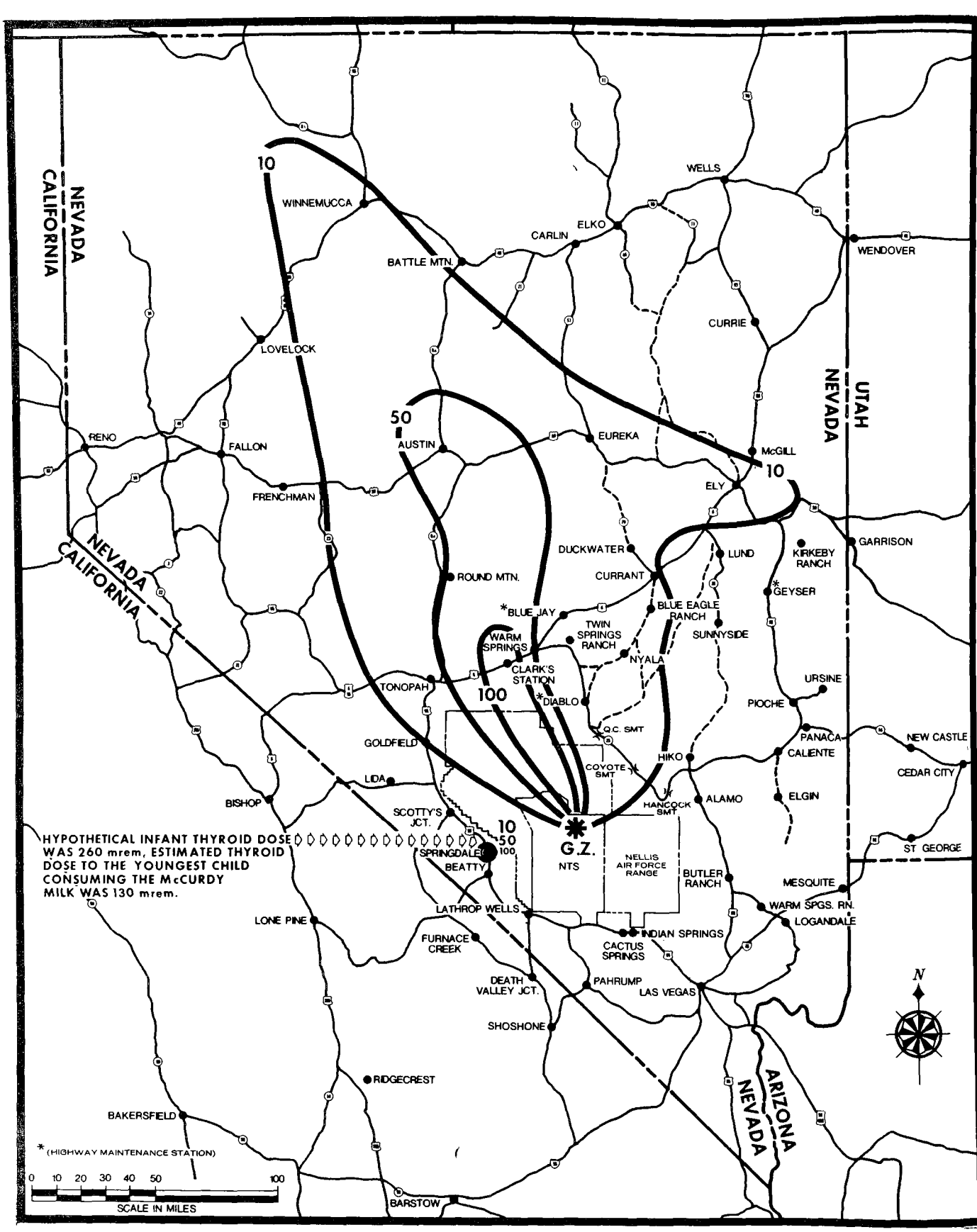

Figure 23. Distribution of Total Estimated Infant Thyroid Dose (mrem) in Nevada.

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APPENDICES

	Page
LIST OF FIGURES	58
LIST OF TABLES	58
APPENDIX A EXTERNAL GAMMA EXPOSURES	59
Calculation Methods	59
External Whole-Body Exposures	66
References	82
APPENDIX B DOSE ESTIMATES	83
Calculation of Thyroid Dose Equivalent	83
Dose from Ingestion of Milk Containing Radioiodine	90
Dose from Ingestion of Snow Containing Radioiodine	93
Dose Estimates by Whole-Body Counting	96
References	99
APPENDIX C ENVIRONMENTAL SAMPLING RESULTS	100
	Printout Page
Milk	1
Water	53
Precipitation	68
Air	86
Food Crops	145
Cow Feed	146
Vegetation	157

LIST OF FIGURES

Figure		Page
A-1	Relative External Gamma Exposure Rates Computed from Baneberry Environmental Samples.	61
A-2	External Gamma Field Integration Factor Curve	62
A-3	Exposure Rate vs Time, Clark Station	63
A-4	Exposure Rate vs Time, Hwy 25, Stake #25 Ny 2	64
A-5	Percent Infinity Exposure vs Time	65
A-6	Routine Dosimetry Stations	69
A-7	TLD Arc on Highway 25, One Day Exposure 12/18/70, Baneberry	70
B-1	Estimated and Measured Thyroid Burdens of ^{131}I	98
B-2	Estimated and Scaled Thyroid Doses for an Adult	98

LIST OF TABLES

Table		Page
A-1	External Gamma Exposure Estimates	71
A-2	Personnel TLD Results, December 1970	79
B-1	Adult Thyroid Dose Factors for Time-Integrated Concentrations of Radioiodines in Air	84
B-2	Time-Integrated Concentrations of Radioiodines in Air and Estimated Thyroid Doses	87
B-3	Child Dose Factors for Time-Integrated Concentrations of Radioiodines in Milk	91
B-4	Adult Dose Factors for Time-Integrated Concentrations of Radioiodines in Milk	91
B-5	Estimated Thyroid Doses from Milk Ingestion	92

APPENDIX A

EXTERNAL GAMMA EXPOSURES

Calculation Methods

External gamma exposure rates were integrated to infinity using a decay scheme determined from analysis of environmental samples. Vegetation samples and an aircraft cloud sample collected at H+3 hours were used to estimate the relative concentrations of radionuclides deposited on the ground surface. From the estimated deposition, the fractional contribution of each radionuclide to the external gamma field was estimated using exposure rate factors determined by Crocker, et al.[1] for various radionuclides deposited uniformly on an infinite plane. Using the half-lives of the contributing gamma-emitting radionuclides and assuming no dispersal of deposited radionuclides through weathering action, the decay of the external gamma field from radioactive decay alone was estimated. The results of this calculation are shown by Figure A-1, a curve of external gamma exposure rate versus time at a hypothetical location where the external gamma exposure rate at H+30 hours was 1 R/h.

The decay scheme also allowed the calculation of an integration factor to convert a residual external gamma exposure rate at a given time to the infinity exposure which would be produced by that residual rate. The results of this calculation are given in Figure A-2, a graph of the infinity exposure conversion factor versus time. Figure A-2 also compares the integration factor curve calculated from environmental samples to the integration factor resulting from an assumed decay proportional to $t^{-1.2}$.

Comparison of projected residual external exposure rates with actual measurements at the few locations where this was possible indicated agreement within less than 20% over the period 30 hours to 96 hours, which is within the accuracy of the E-500B survey meters used to measure residual activity in the off-site area. Figures A-3 and A-4 show a combination of measured and calculated exposure rates plotted as a function of time. Figure A-3 shows the actual cloud passage exposure rates and the projected decay of deposited activity at Clark Station. This curve was used to represent the western half of the cloud. Figure A-4 represents the eastern half of the cloud with data from Highway 25

near Queen City Summit. Both curves were integrated graphically, and the normalized integrals were plotted as a function of time in Figure A-5. The percent of the infinity exposure measured by a TLD was determined from Figure A-5 by knowing the length of the TLD measurement period. An infinity exposure estimate was then calculated by dividing the TLD reading by this percentage.

To obtain an infinity exposure estimate from ratemeter data, all such data from a given location were plotted versus time. The plot was integrated graphically to obtain the exposure during the monitoring interval (Column seven in Table A-1). The residual exposure rate (Column six in Table A-1) was then entered into the curve of Figure A-2 to obtain the remainder of the exposure to infinity. The sum of these two integrals was taken as the infinity exposure estimate for the location (Column eight, Table A-1).

As an example, consider the data from Blue Jay Highway Maintenance Station (Table A-1). Four E-500B readings were taken between 1645 December 18 and 1215 December 21. The recorder ran continuously from 1720 December 18 until 1200 December 19. By combining these data, a reasonable time trace of most of the cloud passage was obtained. The graphical integration of the composite data over the monitoring interval 1720 December 18 to 1215 December 21 was 12.6 mR. The last E-500B reading of 0.03 mR/h at 1215 December 21 or H+77 hours was taken as the residual exposure rate and was extrapolated by Figure A-2, to obtain 3.5 mR. The total infinity estimate, then, was 12.6 + 3.5 mR, or, when rounded to the nearest unit, 16 mR.

A TLD was at Blue Jay Highway Maintenance Station from December 3 to December 29. By December 29 or H+264 hours, according to Figure A-5, about 94% of the infinity exposure had occurred. The net TLD exposure during the eleven-day monitoring period (between cloud arrival and TLD collection) was 10 mR and the extrapolated value of 10/0.94 or 11 mR. Sixteen mR was chosen as the best estimate of the infinity exposure for Blue Jay Highway Maintenance Station.

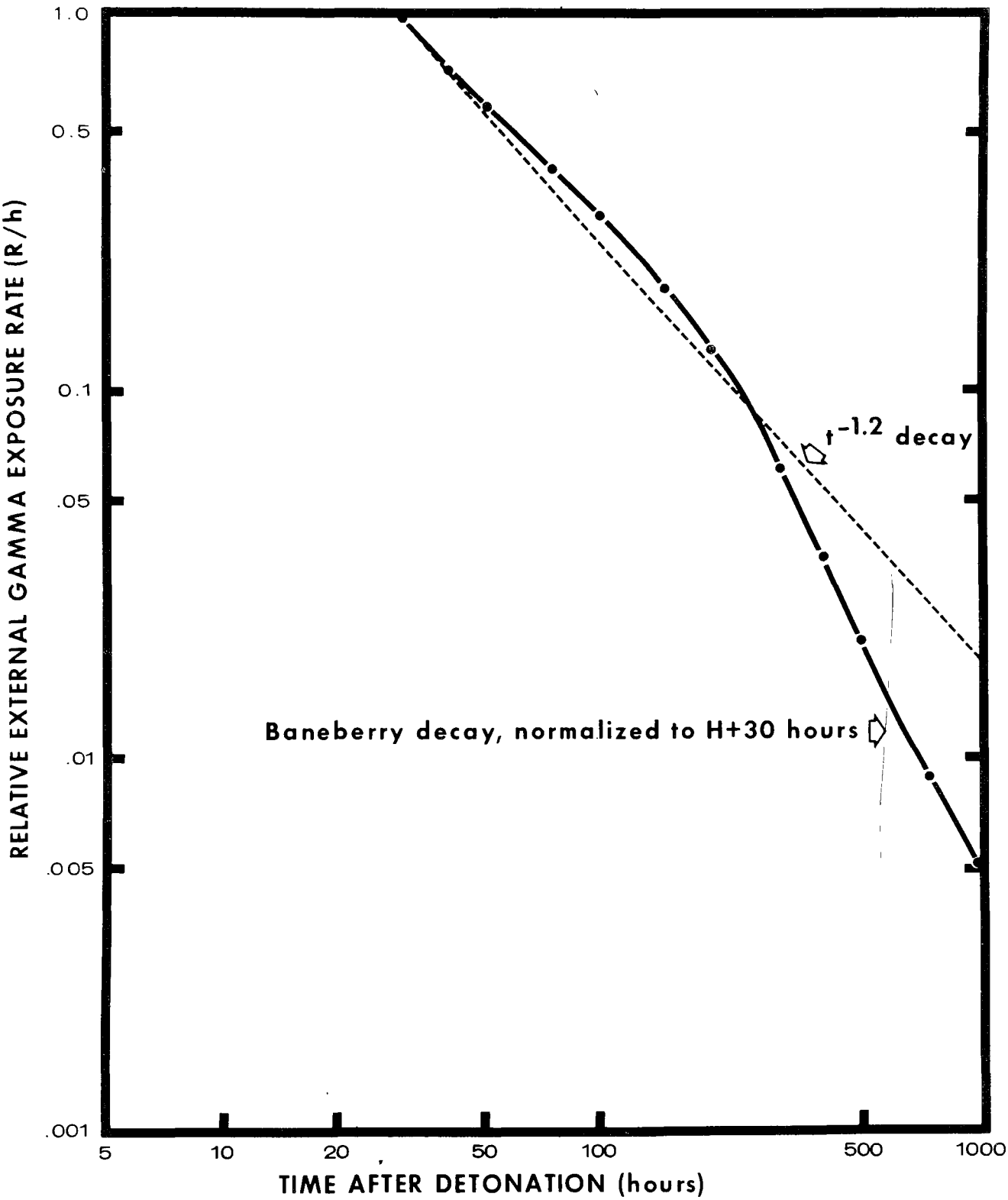

Figure A-1. Relative External Gamma Exposure Rates Computed from Baneberry Environmental Samples.

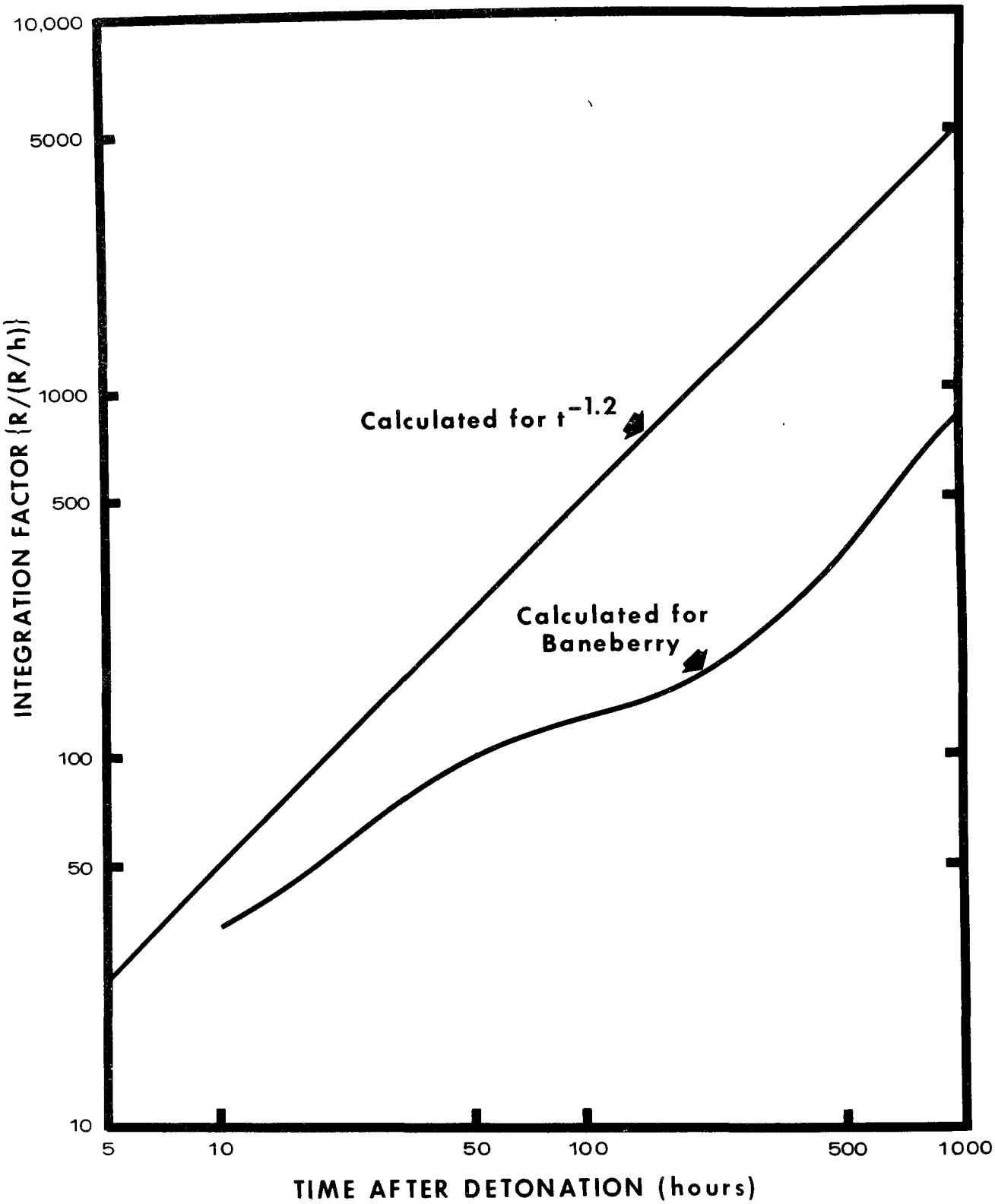

Figure A-2. External Gamma Field Integration Factor Curve.

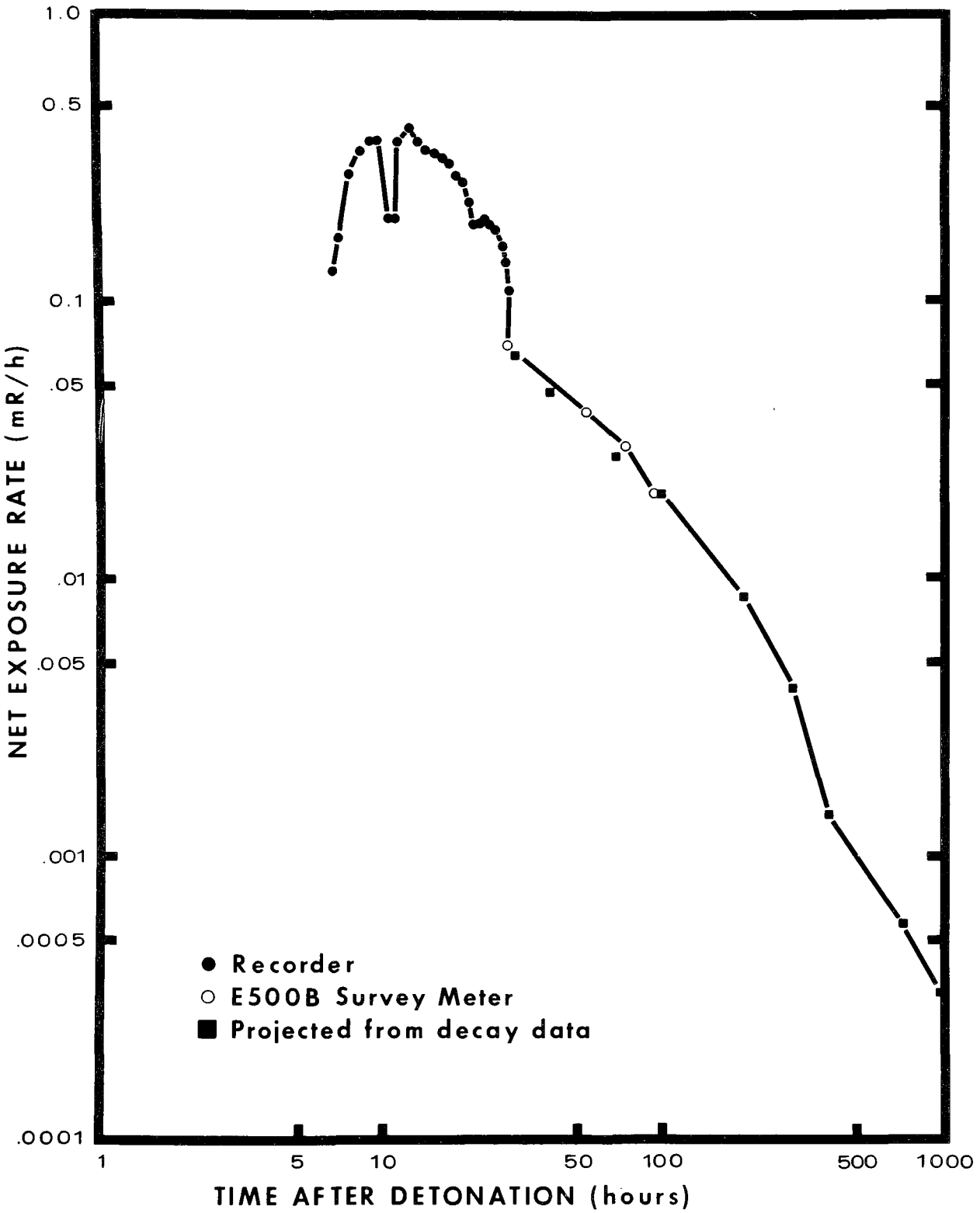

Figure A-3. Exposure Rate versus Time, Clark Station.

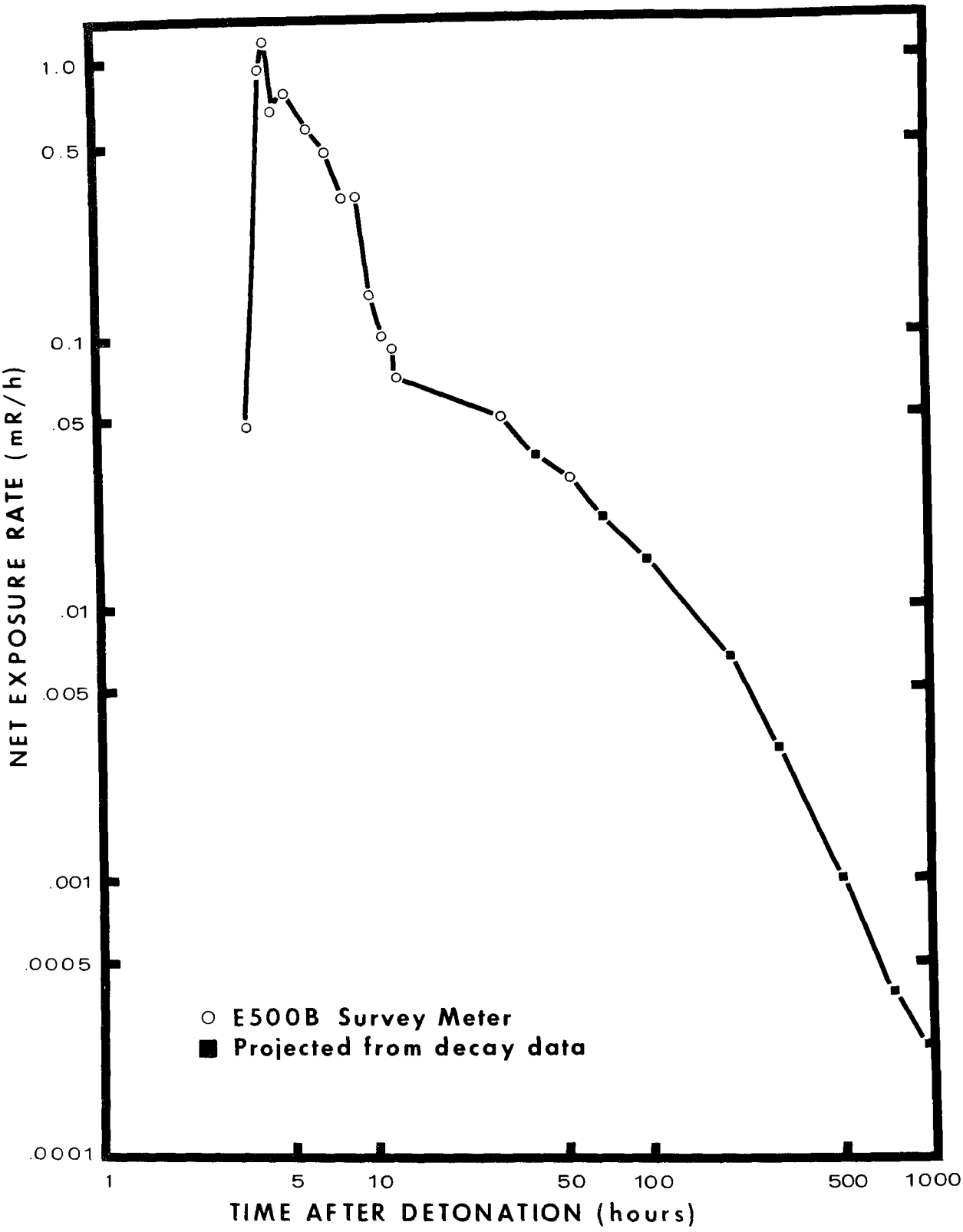

Figure A-4. Exposure Rate versus Time, Highway 25, Stake 25NY2.

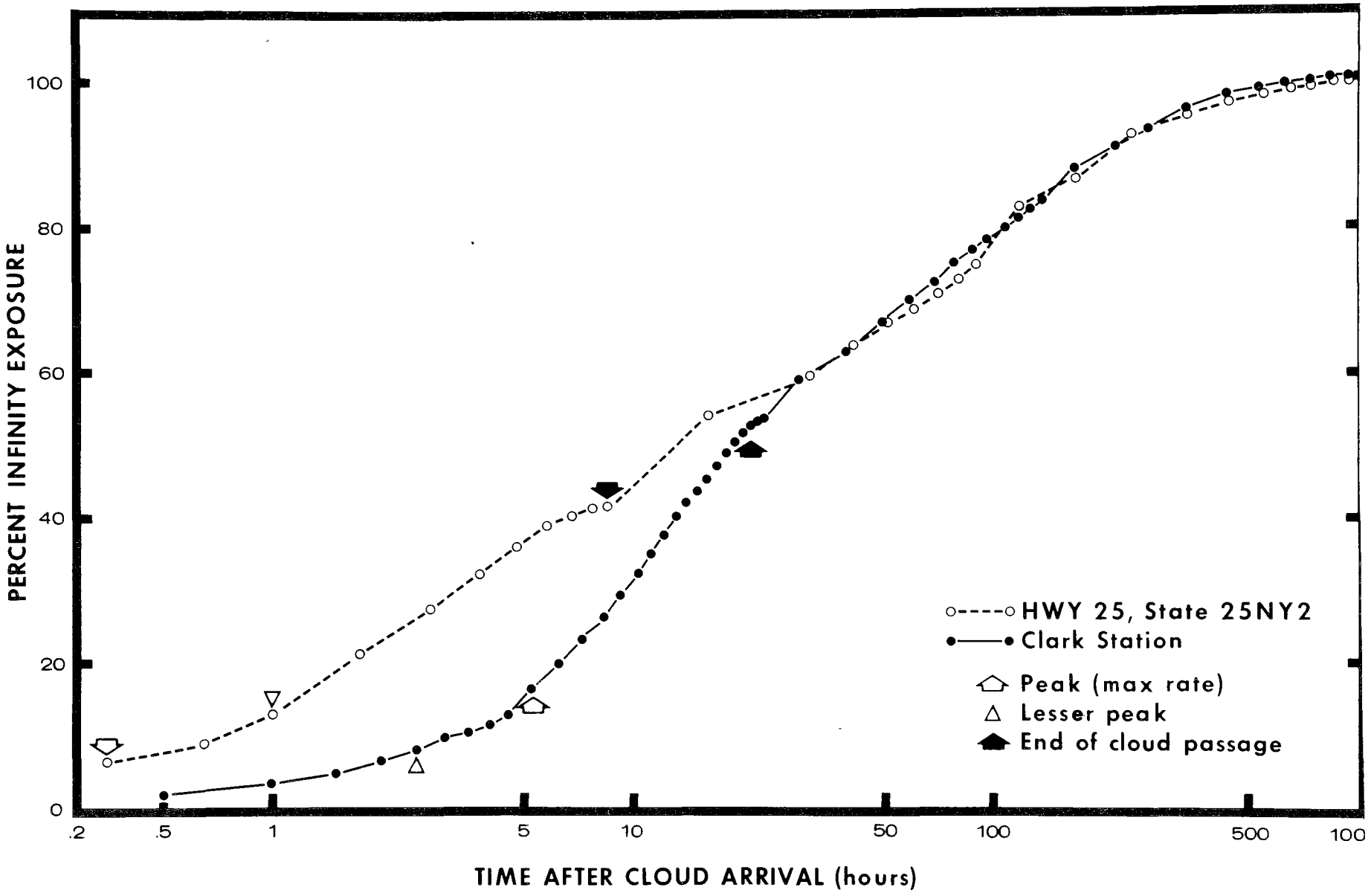

Figure A-5. Percent Infinity Exposure versus Time.

External Whole-Body Exposures

Table A-1 summarizes all of the ground monitoring data collected for Baneberry. The following information is listed alphabetically for each station: the types of instruments used, the monitoring interval, the cloud arrival time, the maximum net exposure rate and time of occurrence, the residual net exposure rate and time used in the infinity exposure calculation, the net exposure actually measured during the stated monitoring interval, the calculated infinity exposure for each instrument used, and the best estimate of the infinity exposure. The best estimate is always the largest of the calculated infinity exposures because all estimates which could be calculated were considered equally valid. If the data were too poor or too incomplete to support a valid exposure estimate, then the estimate was not calculated.

Statistical tests have indicated that TLD background data are not normally distributed, thus the usual sum of squares estimate of variance of the background is not a valid indication of the spread of the background values. Therefore, the selection of a range of values for background is more appropriate. A set of rules was devised to define what exposures measured by TLD's were to be considered statistically significant above background. The criteria for significance were that the net exposure was $\geq$ 0.5 times the expected background for the measurement period, that it was $\geq$ 1 mR, and that there was supporting evidence of an exposure from other measurements. The expected background was defined to be the 1970 average TLD background exposure rate in mR/day multiplied by the measurement period in days. Thus, if the expected background was 10 mR, a net exposure $\geq$ 5 mR would be considered significant. A 15 mR gross reading would result in a 5 ± 5 net exposure, i.e., the gross exposure less the background with an error term equal to 50% of the mean. The range of monthly background rates for the first eleven months of 1970 has been within ± 50% of the mean for all dosimetry stations, hence the basis for choosing the factor 0.5 for significance. Net TLD values greater than 0.5 times the expected background, but having no supporting evidence of an exposure, were considered to be background.

During the month of December 1970, SWRHL had 99 routine dosimetry stations in operation (Figure A-6). Each station was equipped with three EG&G TL-12 thermoluminescent dosimeters, which were exchanged monthly. Two of these stations were on-site,

one at Area 51, and the other at the Tonopah Test Range Control Point. Four other stations were located around the perimeter of the nuclear waste facility near Beatty, Nevada, leaving a total of 93 stations operating in the off-site area during the Baneberry post-shot monitoring period. Of the 93 off-site locations monitored by the SWRHL routine TLD station network, five showed exposures significantly above background as a result of the criteria stated above. The data for all stations are included within Table A-1.

In addition to dosimetry stations, selected off-site residents have agreed to wear dosimeters which are exchanged monthly along with the station dosimeters. Sixty-five persons at 35 locations wore dosimeters during the Baneberry post-shot monitoring period. One dosimeter at Diablo Highway Maintenance Station showed an exposure significantly above background. The same criteria for significance were applied as for the station dosimeters. Table A-2 lists the routine personnel off-site dosimetry results.

Of all the SWRHL personnel fielded for the Baneberry Event, including aircraft crews, only four received detectable exposures on their TLD's. The exposures are listed below in order of decreasing value.

SWRHL Monitors ID Number	Exposure Period	Location of Exposure	Net Exposure (mR)
JV-1-B	12/18-12/22	Old Hwy 25, TTR, Tonopah	13
DR-3-B	12/18-12/20	Highway 25	3.0
HM-2-B	12/18-12/21	Diablo Highway Maintenance Sta.	1.7
LS-2-B	12/18-12/21	Blue Eagle, Nyala, Hwy 25	0.5

The above TLD readings represent the exposure during the two or three days the monitors were working in the field after the Baneberry Event.

In order to obtain an exposure profile across the effluent trajectory, TLD's were placed along Highway 25. Because of time limitations, extensive wind shear, and some uncertainty as to where the Baneberry effluent cloud would cross Highway 25, only 35 TLD's were placed along the highway just before cloud arrival on D-day. One TLD was placed on a highway mileage marker every

two miles from Crystal Springs to the Diablo Highway Maintenance Station on Highway 25. The TLD's were collected on the following day and returned to the SWRHL for reading.

Figure A-7 is a plot of the exposures along Highway 25. The total background on the dosimeters (including environmental and dosimeter backgrounds for about 5 days) was estimated to be 5.5 mR. Two peaks of maximum exposure can be seen, the lesser, 4.5 mR, at stake 25LN36, about three miles west of Coyote Summit, and the larger, 6.3 mR, at stake 25NY14, about two miles south of Diablo Highway Maintenance Station. Although the cloud extended to the northwest beyond the TLD intercept, the eastern edge of the cloud was apparently between stakes 25LN30 and 25LN32, about two miles east of Coyote Summit. Exposure estimates were made from Figure A-7 at four points of interest; Diablo Highway Maintenance Station (4.7 mR), Queen City Summit, (5.5 mR), Koyne's Road (1.1 mR) and Coyote Summit (1.1 mR).

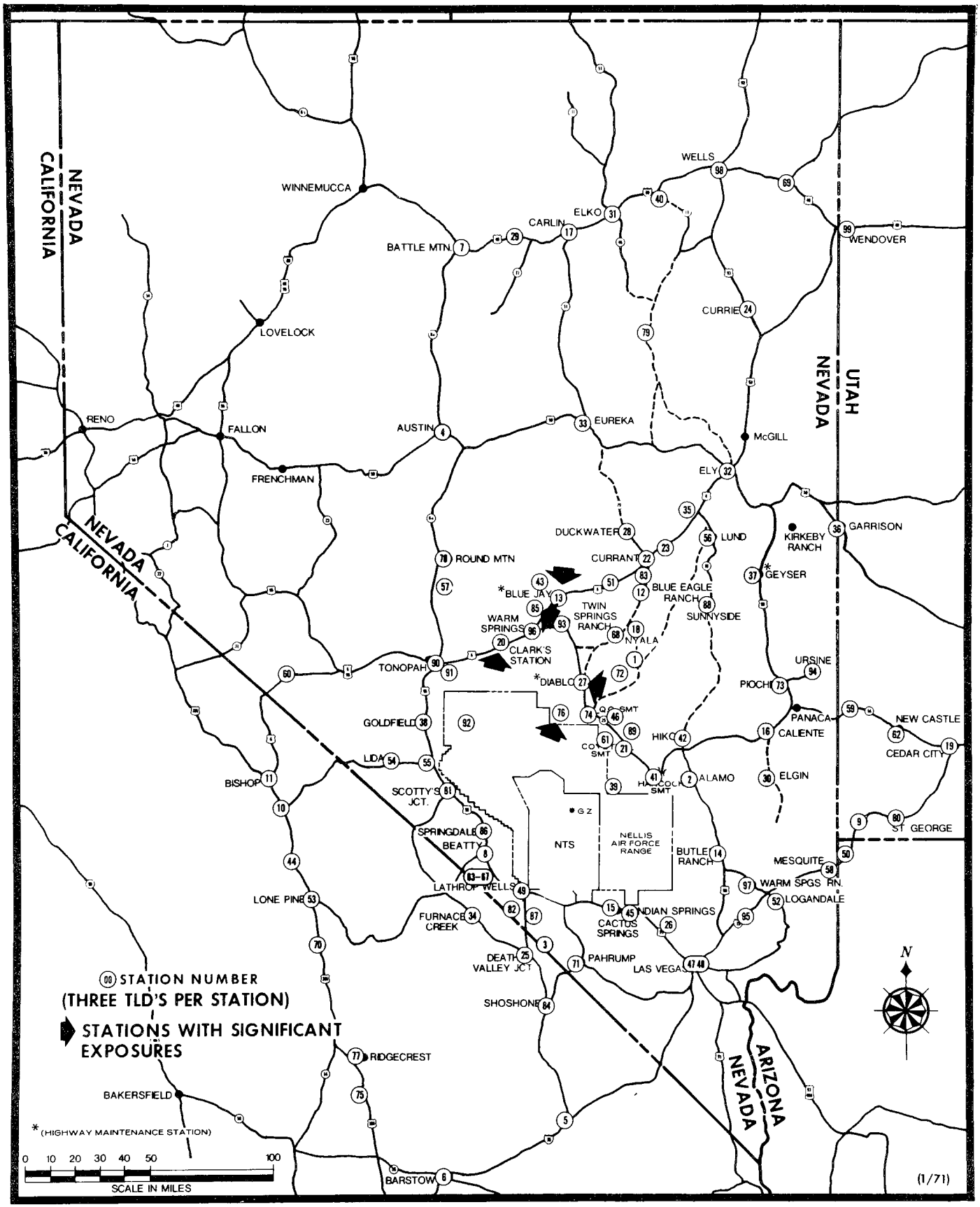

Figure A-6. Routine Dosimetry Stations.

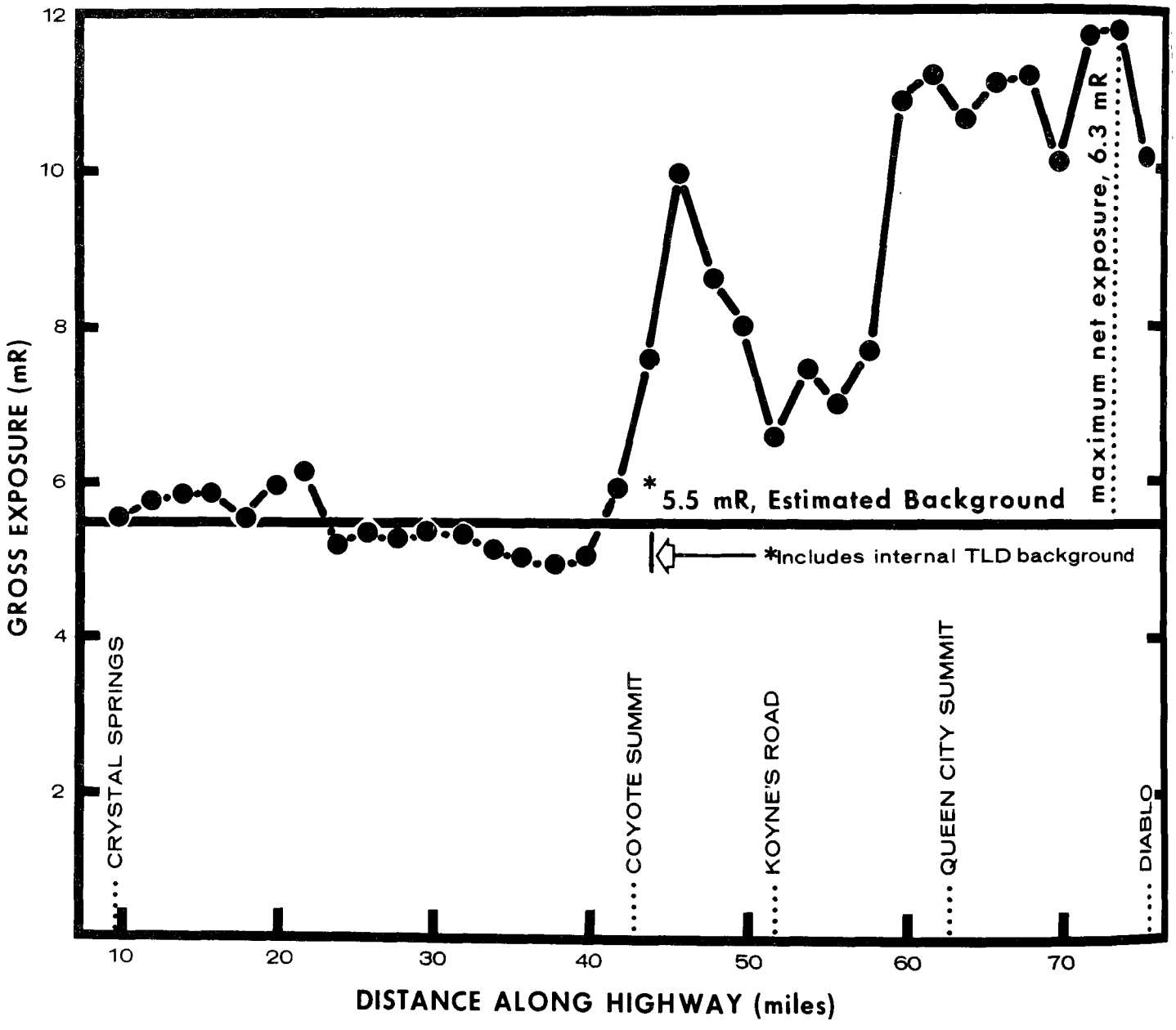

Figure A-7. TLD Arc on Highway 25, One Day Exposure 12/18/70, Baneberry.

Table A-1. External Gamma Exposure Estimates

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h) Date-Time	Residual Net Exposure Rate (mR/h) Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Adaven, NV	TLD	12/2 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Alamo, NV	E500B	12/18/1100-12/18/2030	ND	ND	ND	0	0	
	RM-11	12/17/0800-12/22/0725	ND	ND	ND	0	0	0
	TLD	12/7 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	
Area 51, NV	E500B	12/18/0730-12/18/0930	12/18/0830	0.2[a] 12/18/0850	0 12/18/0930	0.1	0.1	
	Recorder	12/18/0815-12/19/1122	12/18/0825	0.07 12/18/0840	ND Wrong Scale	NC	NC	0.1
	TLD	12/1 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	
Ash Meadows, NV	TLD	12/9 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Austin, NV	RM-11	12/17/0945-12/19/1200	12/18/2100	0.015[a] 12/19/0300	0.007 12/19/1200	0.14	1	
	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	1
Baker, CA	TLD	12/7 -12/28	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Barstow, CA	TLD	12/7 -12/28	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Battle Mountain, NV	TLD	12/9 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Beatty, NV	E500B	- - - - - - - - - - -	- - - - - -	- - - - - - - - - - -	0.01 12/19/1250	ND	1	
	RM-11	12/17/1718-12/22/1726	12/19/0530	0.004 12/19/0710	0 12/19/1500	<0.1	<0.1	1
	TLD	12/9 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	
Beaver Dam Summit, UT	TLD	12/7 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Big Pine, CA	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Bishop, CA	TLD	12/9 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Blue Eagle, NV	E500B	12/18/1700-12/18/1730	Missed	0.03 12/18/1730	0.03 12/18/1730	NC	1	
	Recorder	12/18/1907-12/19/0930	ND	ND (<0.1)	ND Wrong Scale	NC	NC	1
	TLD	12/10 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	

ND = Not Detected

NC = Not Calculated

- = Not applicable or no data

[a] Observed to be peak exposure rate during cloud passage.

Table A-1. External Gamma Exposure Estimates (continued)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h) Date-Time	Residual Net Exposure Rate (mR/h) Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Blue Jay Highway Maintenance Station, NV	E500B	12/18/1645-12/21/1215	Missed	0.47 12/18/1645	0.03 12/21/1215	NC	NC	
	Recorder	12/18/1720-12/19/1200	Missed	0.4 12/18/2000	0.17 12/19/1200	5.1	NC	
	Composite	12/18/1720-12/21/1215	Missed	0.4 12/18/2000	0.03 12/21/1215	12.6	16	16
	TLD	12/3 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	10.0	11	
Bryce Canyon, UT	RM-11	12/17/1733-12/22/1430	ND	ND	ND	0	0	0
Butler Ranch, NV	TLD	12/7 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Cactus Springs, NV	TLD	12/11 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Caliente, NV	RM-11	12/17/0815-12/22/0820	ND	ND	ND	0	0	0
	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	
Carlin, NV	TLD	12/9 -12/31	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Casey's Ranch, NV	TLD	12/2 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Cedar City, UT	RM-11	12/17/2315-12/22/2300	ND	ND	ND	0	0	0
	TLD	12/9 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Clark Station, NV	E500B	12/18/1430-12/21/1145	Missed	0.27 12/18/1730	0.03 12/21/1145	NC	NC	
	Recorder	12/18/1415-12/19/1130	Missed	0.42[a] 12/18/2000	- - - - - - - - - - -	5.9	NC	
	Composite	12/18/1415-12/21/1145	Missed	0.42[a] 12/18/2000	0.03 12/21/1145	8.1	12	13
	TLD	12/3 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	12.0	13	
Coyote Summit, NV	E500B	12/18/1030-12/18/1930	12/18/1100	0.16[a] 12/18/1130	0.01 12/18/1930	0.27	0.6	
	Recorder	12/18/1005-12/19/1430	ND	ND (<1.0)	ND Wrong Scale	NC	NC	2
	TLD	12/18/1005-12/19/1430	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	1.0	2	
Currant, NV	RM-11	12/17/0900-12/19/0900	ND	ND	ND	NC	NC	0
	TLD	12/9 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	
Currant Highway Maintenance Station, NV	TLD	12/9 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Currie, NV	TLD	12/8 -1/2	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Death Valley Jct., CA	RM-11	12/17/0730-12/22/0830	ND	ND	ND	0	0	0
	TLD	12/9 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	

ND = Not Dectected
NC = Not Calculated
-- = Not applicable or no data

[a]Observed to be peak exposure rate during cloud passage.

Table A-1. External Gamma Exposure Estimates (continued)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h) Date-Time	Residual Net Exposure Rate (mR/h) Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Delta, UT	RM-11	12/17/1810-12/22/1815	ND	ND	ND	0	0	0
Desert Game Range, NV	TLD	12/11 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Diablo Highway Maintenance Station, NV	E500B	12/18/1200-12/22/1206	12/18/1300	0.27 12/18/1430	0.02 12/22/1206	6.6	9	
	RM-11	12/18/1200-12/19/0700	12/18/1300	0.16 12/18/1500	0.08 12/19/0700	2.2	7	13
	TLD	12/1 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	12.0	13	
Duckwater, NV	RM-11	12/18/0800-12/22/0900	ND	ND	ND	0	0	
	TLD	12/9 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Dunphy, NV	TLD	12/9 -12/31	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Elgin, NV	TLD	12/9 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Elko, NV	TLD	12/8 -12/31	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Ely, NV	E500B	12/18/1845-12/19/1630	ND	ND	ND	0	0	
	RM-11	12/17/1730-12/22/1500	ND	ND	ND	0	0	0
	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	
Eureka, NV	E500B	- - - - - - - - - - -	Missed	- - - - - - - - - - -	0.02 12/19/1115	--	1	
	RM-11	12/17/0700-12/22/0700	ND	ND	ND	0	0	1
Furnace Creek, CA	TLD	12/9 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Gardner Ranch, NV	TLD	12/9 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Garrison, NV	RM-11	12/17/0800-12/22/0800	ND	ND	ND	NC	NC	0
	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	
Geyser Highway Maintenance Station, NV	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Goldfield, NV	E500B	- - - - - - - - - - -	- - - - - -	- - - - - - - - - - -	0.04 12/19/0950	--	3	
	RM-11	12/17/0800-12/22/0800	ND	ND	ND	0	0	3
	TLD	12/7 -12/30	- - - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	
Gunderson Rd/Hwy 25, NV	E500B	12/18/0810-12/18/1345	12/18/1030	0.19 12/18/1315	- - - - - - - - - - -	NC	NC	
	Recorder	12/18/1014-12/19/1420	12/18/1320	0.27 12/18/1415	0.04 12/19/1420	2.3	5	5
	TLD	12/18/1014-12/19/1420	- - - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	2.5	4	

ND = Not Detected
NC = Not Calculated
-- = Not applicable or no data

Table A-1. External Gamma Exposure Estimates. (continued)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h)	Maximum Net Exposure Date-Time	Residual Net Exposure Rate (mR/h)	Residual Net Exposure Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Halleck, NV	TLD	12/10 -12/10	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		0	0	0
Hancock Summit, NV	TLD	12/1 -12/29	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		0	0	0
Hwy 25, 10 mi. NW of Hancock Summit, NV	Recorder	12/18/1015-12/19/1500	ND	BKG		BKG		0	0	
	TLD	12/18/1015-12/19/1500	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		0	0	0
Hwy 25, Stake 25Ny2, NV	E500B	12/18/1100-12/20/1228	Missed	1.2[a]	12/18/1145	0.03	12/20/1228	5.6	9	
	Recorder	12/18/1000-12/19/1320	12/18/1100	0.63[a]	12/18/1215	0.11	12/19/1300	6.0	14	14
	TLD	12/18/1000-12/19/1235	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		5.7	10	
Hwy 6, 7 mi. E. of Clark Station, NV	Recorder	12/18/1450-12/19/1140	Missed	0.77	12/18/1450	0.06	12/19/1100	3.0	7	
	TLD	12/18/1450-12/19/1140	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		5.7	10	10
Hwy 6, 17 mi. E. of Tonopah, NV	E500B	12/19/0930-12/22/0806	Missed	0.27	12/19/0930	0.08	12/22/0806	10.3	20	20
Hiko, NV	E500B	12/18/0700-12/21/0920	ND	BKG		BKG		0	0	
	TLD	12/7 -12/29	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		0	0	0
Hot Creek Ranch, NV	TLD	12/3 -12/29	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		0	0	0
Independence, CA	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		0	0	0
Indian Springs, NV	RM-11	12/17/0800-12/22/0800	ND	ND		ND		0	0	
	TLD	12/11 -12/29	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		0	0	0
Koyne's (TLD station), NV	TLD	12/1 -12/29	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		0	0	0
Koyne's Residence, NV	E500B	12/18/1330-12/18/2000	Missed	0.12	12/18/1423	0.03	12/18/2000	0.36	2	
	Recorder	12/18/0830-12/20/1550	12/18/1100	0.13[a]	12/18/1330	0.01	12/20/1150	1.5	2	2
	TLD	12/18/0830-12/20/1150	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		1.7	2	
Koyne's Residence (inside), NV	TLD	12/18/0900-12/21/1600	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		0.6	1	1
Koyne's Road/Hwy 25, NV	TLD	12/18/0930-12/19/1203	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		1.0	2	2
Las Vegas (Placak Res.), NV	TLD	12/10 -12/31	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		0	0	0
Las Vegas (Nat. Wildlife), NV	TLD	12/11 -12/31	- - - - - -	- - - - - - - - - -		- - - - - - - - - -		0	0	

ND = Not Detected
NC = Not Calculated
-- = Not applicable or no data

[a]Observed to be peak exposure rate during cloud passage

Table A-1. External Gamma Exposure Estimates (continued)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h) Date-Time	Residual Net Exposure Rate (mR/h) Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Lathrop Well, NV	RM-11	12/17/0630-12/22/0630	ND	ND	ND	NC	NC	
	TLD	12/9 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Lida, NV	TLD	12/7 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Lida Junction, NV	TLD	12/7 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Littlefield, AZ	TLD	12/7 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Locke's Ranch, NV	Recorder	12/18/1815-12/19/1318	ND	ND(<0.1)	ND Wrong Scale	NC	NC	
	TLD	12/10 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Logandale, NV	TLD	12/7 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Lone Pine, CA	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Lund, NV	RM-11	12/17/0745-12/22/0805	ND	ND	ND	0	0	
	TLD	12/9 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Manhatten, NV	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Mesquite, NV	TLD	12/7 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Milford, UT	RM-11	12/17/1200-12/22/1200	ND	ND	ND	0	0	0
Modena, UT	TLD	12/8 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Montgomery Pass, NV	TLD	12/10 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Nevada Farms, NV	TLD	12/1 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
New Castle, UT	TLD	12/8 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Nuclear Engineering Co. Rd/Hwy 95, NV	TLD	12/9 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Nyala, NV	E500B	12/18/1530-12/18/1930	Missed	0.07 12/18/1530	0.01 12/18/1930	0.2	1	
	RM-11	12/17/0800-12/21/0800	12/18/1700	0.04 12/18/2315	ND, out of calibration	NC	NC	1
	TLD	12/2 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	

ND = Not Detected
NC = Not Calculated
-- = Not applicable or no data

Table A-1. External Gamma Exposure Estimates (continued)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h) Date-Time	Residual Net Exposure Rate (mR/h) Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Nyala Road, 8 mi. N.E. of Jct with Hwy 25, NV	Recorder	12/18/1600-12/19/1205	ND	ND (<1)	ND Wrong Scale	NC	NC	0
Oasis, CA	TLD	12/8 -12/31	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	0	0	0
Olancha, CA	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	0	0	0
Pahrump, NV	RM-11	12/17/1025-12/22/1030	ND	ND	ND	0	0	
	TLD	12/8 -12/31	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	0	0	0
Pine Creek, NV	TLD	12/2 -12/29	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	0	0	0
Pioche, NV	RM-11	12/17/0700-12/22/0700	12/18/1300	0.04[a] 12/18/1400	0 12/18/1500	<0.1	<0.1	<0.1
	TLD	12/8 -12/30	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	0	0	
Queen City Summit, NV	E500B	12/18/1230-12/20/1230	Missed	0.37 12/18/1600	0.04 12/20/1230	6.3	10	
	Recorder	12/18/1530-12/20/1235	ND	ND (<1.0)	ND Wrong Scale	NC	NC	10
	TLD	12/1 -12/29	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	0	0	
Randsburg, CA	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	0	0	0
Reed Ranch, NV	TLD	12/1 -12/29	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	24	26	26
Reed Ranch, 11 mi. W. of	E500B	- - - - - - - - - -	Missed	- - - - - - - - - -	3.5 12/18/1518	NC	102	102
Reed Ranch, 2 mi. W. of	Recorder	12/18/1447-12/19/1430	ND	ND (<1.0)	ND Wrong Scale	NC	NC	
	TLD	12/18/1447-12/19/1430	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	11	34	34
Ridgecrest, CA	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	0	0	0
Round Mountain, NV	RM-11	12/17/1148-12/20/1200	12/18/1600	0.04[a] 12/18/2330	0.004 12/20/1200	0.5	1	
	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	0	0	1
Ruby Valley, NV	TLD	12/10 -1/1/71	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	0	0	0
St. George, UT	RM-11	12/17/0525-12/22/0445	ND	ND	ND	0	0	
	TLD	12/8 -12/29	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	0	0	0
Scotty's Junction, NV	E500B	- - - - - - - - - -	- - - - - -	- - - - - - - - - -	0.03 12/19/1120	NC	2	
	RM-11	12/17/1630-12/21/1000	12/19/0030	0.015 12/19/0615	0 12/21/1000	0.2	0.2	2
	TLD	12/7 -12/30	- - - - - -	- - - - - - - - - -	- - - - - - - - - -	0	0	

ND = Not Detected
NC = Not Calculated
-- = Not applicable or no data

[a]Observed to be peak exposure rate during cloud passage

Table A-1. External Gamma Exposure Estimates (continued)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h) Date-Time	Residual Net Exposure Rate (mR/h) Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Selback Ranch, NV	TLD	12/8 -12/8	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Shell Oil Site, NV	TLD	12/10 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Shoshone, CA	RM-11	12/17/0934-12/22/0933	ND	ND	ND	NC	NC	
	TLD	12/8 -12/31	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Site C, NV	TLD	12/3 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	11	12	12
Springdale, NV	TLD	12/9 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Spring Meadows, NV	TLD	12/9 -12/30	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Standard Mine, NV	E500B	- - - - - - - - - - -	Missed	- - - - - - - - - - -	5.5 12/18/1534	NC	165	165
Stone Cabin Ranch, NV	E500B	12/18/1530-12/21/1500	Missed	0.57 12/18/1600	0.02 12/21/1500	6.0	8	
	RM-11	12/17/0800-12/22/0800	ND	ND	ND	NC	NC	8
Sunnyside, NV	RM-11	12/17/1630-12/22/1655	ND	ND	ND	NC	NC	
	TLD	12/9 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Tempiute, NV	TLD	12/1 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Tonopah, NV	E500B	12/18/1900-12/20/0925	Missed	0.17 12/18/1900	0.01 12/20/0925	1.9	3	
	RM-11	12/17/1530-12/22/1600	ND	ND	ND	NC	NC	3
	TLD	12/7 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	
Tonopah Airport, NV	TLD	12/9 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Tonopah Test Range, NV	TLD	12/9 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	0
Twin Springs Ranch, NV	E500B	12/19/1545-12/20/1400	Missed	- - - - - - - - - - -	0.02 12/20/1400	1.2	NC	
	Recorder	12/18/1408-12/18/1935	Missed	0.19 12/18/1545	- - - - - - - - - - -	0.9	NC	
	Composite	12/18/1410-12/20/1400	Missed	0.19 12/18/1545	0.02 12/20/1400	4.6	7	
	RM-11	12/18/0800-12/20/0800	12/18/1300	0.035[a] 12/18/1700	0.006 12/20/0800	0.8	1	8
	TLD	12/18/1408-12/18/1935	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	3.3	8	
	TLD	12/3 -12/29	- - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	0	0	

ND = Not Detected
NC = Not Calculated
-- = Not applicable or no data

[a] Observed to be peak exposure rate during cloud passage

Table A-1. External Gamma Exposure Estimates (concluded)

Location	Instrument	Monitoring Interval Δt	Cloud Arrival Date Time	Maximum Net Exposure Rate (mR/h)	Maximum Net Exposure Date-Time	Residual Net Exposure Rate (mR/h)	Residual Net Exposure Date-Time	Net Exposure During Δt (mR)	Infinity Exposure Estimate E_∞ (mR)	Best Estimate of E_∞ (mR)
Uhalde's Ranch, NV	E500B	12/18/1330-12/19/1000	Missed	0.06	12/18/1340	0	12/19/1000	0.6	0.6	
	Recorder	12/18/1322-12/19/0745	Missed	0.02	12/18/1830	- - - - - - - - - - -		NC	NC	2
	TLD	12/18/1322-12/19/0745	- - - - - -	- - - - - - - - - - -		- - - - - - - - - - -		0.8	2	
Uhalde's Well, NV	E500B	12/18/1200-12/19/1100	12/18/1230	0.08	12/18/1700	0.02	12/19/1100	0.73	2	
	Recorder	12/18/1247-12/19/1100	12/18/1445	0.03[a]	12/18/1600	0.015	12/19/1100	0.60	2	2
	TLD	12/18/1247-12/19/1100	- - - - - -	- - - - - - - - - - -		- - - - - - - - - - -		0.30	0.5	
Ursine, NV	TLD	12/8 -12/30	- - - - - -	- - - - - - - - - - -		- - - - - - - - - - -		0	0	0
Valley of Fire Rd/ Hwy 91, NV	TLD	12/7 -12/29	- - - - - -	- - - - - - - - - - -		- - - - - - - - - - -		0	0	0
Valley Rd/1st Barricade, NV	E500B	12/18/0930-12/18/1300	12/18/0930	0.67	12/18/1215	- - - - - - - - - - -		NC	NC	
	Recorder	12/18/1030-12/21/1255	Missed	0.73	12/18/1200	0.01	12/21/1255	NC	NC	
	Composite	12/18/0930-12/21/1255	12/18/0930	0.73	12/18/1200	0.01	12/21/1255	11	12	17
	TLD	12/18/1030-12/21/1255	- - - - - -	- - - - - - - - - - -		- - - - - - - - - - -		12	17	
Valley Rd/Hwy 25, NV	Recorder	12/18/1015-12/19/1400	ND	ND (<1.0)		ND	Wrong Scale	NC	NC	
	TLD	12/18/1015-12/19/1400	- - - - - -	- - - - - - - - - - -		- - - - - - - - - - -		3	5	5
Warm Springs, NV	E500B	12/18/1345-12/20/1230	Missed	0.26	12/18/1745	0.03	12/20/1230	4.6	8	
	Recorder	12/18/2113-12/19/1200	ND	ND (<1.0)		ND	Wrong Scale	NC	NC	9
	TLD	12/18/2113-12/19/1200	- - - - - -	- - - - - - - - - - -		- - - - - - - - - - -		4.7	9	
	TLD	12/3 -12/29	- - - - - -	- - - - - - - - - - -		- - - - - - - - - - -		0	0	
Warm Springs Ranch, NV	RM-11	12/17/0730-12/22/0730	ND	ND		ND		NC	NC	
	TLD	12/7 -12/29	- - - - - -	- - - - - - - - - - -		- - - - - - - - - - -		0	0	0
Wells, NV	TLD	12/8 -1/1/71	- - - - - -	- - - - - - - - - - -		- - - - - - - - - - -		0	0	0
Wendover, UT	TLD	12/8 -12/31	- - - - - -	- - - - - - - - - - -		- - - - - - - - - - -		0	0	0

ND = Not Detected
NC = Not Calculated
-- = Not applicable or no data

[a]Observed to be peak exposure rate during cloud passage

Table A-2 Personnel TLD Results, December 1970

Location	Resident ID Number	Issue Date	Collection Date	Net Exposure (mR)
Alamo, NV	AL-1	12/7/70	12/31/70	0
	AL-2	12/18/70	12/19/70	0
Amargosa Valley,NV	AV-1	12/10/70	12/29/70	0
Amargosa Desert,NV	AV-2	12/8/70	12/29/70	0
Austin, NV	AU-1	12/8/70	1/ 8/71	0
Barstow, CA	BA-1	12/8/70	12/29/70	0
	BA-2	12/8/70	12/29/70	0
Beatty, NV	BE-1	12/9/70	12/30/70	0
	BE-2	12/9/70	12/29/70	0
	BE-3	12/9/70	12/21/70	0
Blue Jay Highway	BJ-2	12/3/70	12/29/70	0
Maintenance Sta., NV	BJ-1	12/3/70	12/29/70	0
Caliente, NV	CA-1	12/8/70	12/29/70	0
	CA-2	12/8/70	12/29/70	0
Currant, NV	CU-1	12/10/70	12/30/70	0
	CU-2	12/9/70	12/30/70	0
Desert Game,	DG-1	12/11/70	12/31/70	0
Range, NV	DG-2	12/11/70	12/31/70	0
	DG-3	12/11/70	12/31/70	0
	DG-4	12/8/70	12/31/70	0
	DG-5	12/11/70	12/31/70	0
Diablo Highway	DI-1	12/1/70	12/29/70	0
Maintenance Sta., NV	DI-2	12/1/70	12/29/70	0
	DI-3	12/18/70	12/29/70	4

Zero (0) indicates net exposure was less than 1 mR.
A value indicates net exposure was significantly above background, i.e., greater than or equal to 0.5 times the expected background.
a = Reader malfunction
b = Lost

Table A-2. Personnel TLD Results, December 1970 (continued)

Location	Resident ID Number	Issue Date	Collection Date	Net Exposure (mR)
Duckwater, NV	DU-1	11/18/70	12/30/70	0
Ely, NV	EL-1	12/8/70	12/29/70	0
	EL-2	12/8/70	12/29/70	0
	EL-3	12/8/70	12/29/70	0
Enterprise, UT	EN-1	12/8/70	12/30/70	0
	EN-2	12/8/70	12/30/70	0
Eureka, NV	EU-1	11/17/70	12/29/70	0
Goldfield, NV	GO-1	12/7/70	12/30/70	0
	GO-2	12/7/70	12/30/70	0
	GO-3	12/7/70	12/30/70	0
	GO-4	12/7/70	12/30/70	0
Independence, CA	IN-1	12/8/70	1/2/71	0
	IN-2	12/8/70	12/29/70	0
Indian Springs, NV	IS-1	12/11/70	12/29/70	a
Lone Pine, CA	LP-1	12/8/70	2/9/71	0
Lund, NV	LU-1	12/9/70	12/29/70	0
	LU-2	12/9/70	12/29/70	0
Nyala, NV	NY-1	12/2/70	12/30/70	0
	NY-2	12/2/70	12/30/70	0
Panaca, NV	PA-1	12/8/70	12/30/70	0
	PA-2	12/8/70	12/30/70	0
Paris Sheep Camp, NV	PC-1	12/18/70	1/7/71	0
Round Mountain, NV	RM-1	12/8/70	12/29/70	0
St. George, UT	SG-1	12/9/70	12/29/70	0
	SG-2	12/8/70	12/30/70	0
	SG-3	12/8/70	12/29/70	0
Santa Clara , UT	SC-1	12/9/70	12/30/70	0
	SC-2	12/9/70	12/30/70	0
Scotty's Jct., NV	SJ-1	12/7/70	12/30/70	0

Zero (0) indicates net exposure was less than 1 mR.
A value indicates net exposure was significantly above background, i.e., greater than or equal to 0.5 times the expected background.
a = Reader malfunction
b = Lost

Table A-2. Personnel TLD Results, December 1970 (concluded)

Location	Resident ID Number	Issue Date	Collection Date	Net Exposure (mR)
Springdale, NV	SP-1	12/9/70	12/30/70	0
Sunnyside, NV	SU-1	12/9/70	12/29/70	0
Tonopah, NV	TO-1	12/7/70	12/29/70	0
	TO-2	12/7/70	12/29/70	0
Twin Springs, NV	TS-1	12/3/70	12/29/70	0
	TS-2	12/3/70	12/29/70	0
Uhalde's Ranch,NV	UR-1	12/18/70	1/7/71	0
	UR-2	12/17/70	1/7/71	0
Uhalde's Well, NV	UW-1	12/18/70	-------	b
Ursine, NV	UR-1	12/8/70	12/30/70	0
Veyo, NV	VE-1	12/8/70	12/30/70	0
Warm Springs Ranch, NV	WR-1	12/7/70	12/29/70	0

Zero (0) indicates net exposure was less than 1 mR.
A value indicates net exposure was significantly above background, i.e., greater than or equal to 0.5 times the expected background.
a = Reader malfunction.
b = Lost

REFERENCE

1. Crocker, G. R., M. A. Conners, and D. T. K. Wong, "Some Factors for the Calculation of Infinite-Plane Exposure Rates from Gamma Radiation," Health Physics, Vol. 12, pp. 1327-1332.

APPENDIX B

DOSE ESTIMATES

Calculation of Thyroid Dose Equivalent

The radiation dose rate to the thyroid gland resulting from the inhalation or ingestion of radioiodine was determined by the equation

$d(D.E.)/dt = KEA \exp(-\lambda_{eff} t)$ where

$d(D.E.)/dt$ = dose equivalent rate, rem per day

K = dimensional constant including quality factor of 1, 51.2 (rem·g)/(MeV.μCi·day) [1]

E = effective energy of beta and gamma radiation, MeV per disintegration

A = concentration of radioiodine in thyroid, μCi/g

λ_{eff} = effective decay constant, 1/day

t = time after deposition in thyroid, days

This assumes that the radioiodine was uniformly distributed throughout the thyroid. The total dose equivalent was estimated by integrating the above equation from time zero to infinity assuming D.E. = 0 at time zero.

$$D.E. = KEA \int_0^\infty \exp(-\lambda_{eff} t)\, dt$$

$$D.E. = (-1/\lambda_{eff})\, KEA \exp(-\lambda_{eff} t) \Big|_0^\infty$$

$$D.E. = 0 + KEA/\lambda_{eff}$$

Since E and λ_{eff} are different for each isotope of radioiodine, the total thyroid dose from ith to the nth isotope was summed in accordance with

$$D.E. = \sum_{i}^{n} KE_i A/(\lambda_{eff})_i.$$

Dose from Inhalation of Radioiodines

Parameter A, the concentration of radioiodine in the thyroid, was determined for an adult by the equation

$$A = \frac{\chi}{m} Bf, \text{ where}$$

χ = time-integrated concentration of radioactivity, μCi·sec/m^3.

B = Breathing rate of standard man averaged over 24 hours, 2.32×10^{-4} m^3/Sec [2].

f = fraction of inhaled radioiodine reaching the thyroid, 0.23 (2).

m = thyroid weight of standard man, 20 g [2].

$$A = \frac{(2.32 \times 10^{-4} m^3/sec)\ (0.23)\chi}{20\ g}$$

With this expression substituted for A and $0.693/(T_{eff}$, effective half-life) substituted for λeff the dose to an adult's thyroid from a particular radioisotope of iodine becomes

$$D.E. = 1.97 \times 10^{-4} \frac{rem \cdot m^3}{MeV \cdot \mu Ci \cdot day \cdot sec} E\ T_{eff} \chi$$

The following table lists the values of E, T_{eff}, and the product of 1.97×10^{-4} E T_{eff} for ^{131}I, ^{132}I, ^{132}Te, ^{133}I, and ^{135}I.

Table B-1 Adult Thyroid Dose Factors for Time-Integrated Concentrations of Radioiodines in Air

Radionuclide	f	Effective Energy (MeV)	Effective Half-Life (days)	Dose Factor for Adult $\frac{mrem\ m^3}{\mu Ci \cdot sec}$
^{131}I	0.23	0.23	7.6	0.35
^{132}I	0.23	0.65	0.097	0.0012*†
^{132}I from ^{132}Te	0.034‡	0.65	2.6‡	0.0494†
^{133}I	0.23	0.54	0.87	0.093
^{135}I	0.23	0.53	0.28	0.029

* Computation of factor includes factor of 1/10 due to the decay of the ^{132}I in the blood stream prior to uptake in the thyroid.

† Since ^{132}Te is more easily identified by analysis and the ^{132}I is in secular equilibrium with ^{132}Te, the sum of these dose factors (rounded off to 0.051), when multiplied times the time-integrated concentration of ^{132}Te, estimates the thyroid dose from the inhalation of both ^{132}I and ^{132}Te.

‡ Parameters derived elsewhere [3].

For the dose to a child's thyroid, the adult thyroid dose computed from the above factors was multiplied by a factor of 2.5 to account for differences in thyroid weight, in breathing rates between an adult and a child, and in effective energies for an adult and a child. Table B-2 lists the infant thyroid doses calculated from the air sampling results of Appendix C. Those values marked with an asterisk in Table B-2 are estimates instead of actual measurements. Due to the rapid decay of the radioiodines and to delays in transporting and analyzing large numbers of samples, many of the radioiodines were not detected in some of the air samples at time of counting. The quantities of the undetected radioiodines were estimated from measured ratios of isotopic activities on air samples which contained more than one radioisotope of iodine. The measured ratios ($^{133}I/^{131}I$ and $^{135}I/^{133}I$), determined from the air sampling results of Appendix C, were correlated with the respective time periods between sample collection and time of fission.

Since the particulate filters (PF's) and charcoal cartridges (CC's) were often counted at different times, radioiodine found on one filter media was not always detected on the other media used on the same air sampler. The quantities of the radioiodines on a PF or CC under these circumstances were estimated from the measured ratios of activities (PF/CC) for the isotopes ^{131}I and ^{133}I; not enough data was available for ^{135}I. The measured ratios were correlated with the appropriate time periods between sample collection and time of fission. The equations for these correlations, shown below, were derived from least-squares regression analyses of data from air samples grouped within three sectors from the test location. Correlation coefficients (r) are determined for each equation. The samples were grouped by these sectors,

2° - 80°

$$\log_{10} {}^{133}I/^{131}I = 1.235 - 0.009863\ \Delta t \qquad r = -0.78$$

$$\log_{10} (PF/CC)_{133} = 1.232 - 0.01527\ \Delta t \qquad r = -0.62$$

$$\log_{10} (PF/CC)_{131} = 1.794 - 0.0235\ \Delta t \qquad r = -0.79$$

220° - 333°

$$\log_{10} {}^{133}I/^{131}I = 1.484 - 0.01587\ \Delta t \qquad r = -0.84$$

$$\log_{10} (PF/CC)_{131} = 0.5093 - 0.009141\ \Delta t \qquad r = -0.55$$

$$\log_{10} (PF/CC)_{133} = 0.03150 - 0.006255\ \Delta t \qquad r = -0.34$$

334° - 1°

$$\log_{10} {}^{133}I/{}^{131}I = 1.3999 - 0.01166\ \Delta t \qquad r = 0.89$$

$$\log_{10} (PF/CC)_{133} = 0.3258 - 0.009980\Delta t \qquad r = 0.72$$

$$\log_{10} (PF/CC)_{131} = 0.7660 - 0.01537\ \Delta t \qquad r = 0.89$$

0° - 360°

$$\log_{10} {}^{135}I/{}^{133}I = 0.5169 - 0.0328\ \Delta t \qquad r = 0.78$$

$^{133}I/^{131}I$, $^{135}I/^{133}I$ = ratio of isotopic activities on PF and CC combined

$(PF/CC)_{131}$, $(PF/CC)_{133}$ = ratio of ^{131}I (or ^{133}I) activity on PF to ^{131}I (or ^{133}I) activity on CC.

This grouping was necessary because fractionation of the released radioactivity appeared to have occurred from wind shear and variations in effective release height during the period of the release. Insufficient ^{135}I data were available for establishing the ration $^{135}I/^{133}I$ for each sector, so the data for ^{135}I in all sectors were used.

Table B-2. *Time-integrated Concentrations of Radioiodines in Air and Estimated Thyroid Doses*

Location	Azimuth (degrees)	Distance (miles)	Sampling Period Date/Time	to Date/Time	Meter Operating Time (hr)	Time-integrated† Radioacitivity Concentrations ($\mu Ci \cdot sec/m^3$) ^{131}I	^{132}Te	^{133}I	^{135}I	Estimated‡ Infant Thyroid Dose Equivalent (mrem)
Alamo, Nevada	75	53	18/2152	21/0800	58.1	0.17*	1.2	1.1	0.18*	0.57
Austin, Nevada	342	168	18/1100	23/1000	117.4	12*	31	150*	50	53
Austin, Texas	114	1153	23/0830	24/1050	26.	0.02	-	-	-	0.02
Battle Mountain, Nevada	350	245	18/1223	21/1130	71.1	1.9	3.6	12*	0.06*	5
Beatty, Nevada	245	41	18/1828	21/1721	46.4	0.42	0.66	3.5	0.96*	1.3
Bishop, California	276	127	18/1800	19/1700	23.	0.03	0.03	0.29	-	0.1
Blue Eagle Ranch, Nevada	17	98	18/1700	25/1500	160.1	3.8*	12	24*	4.2	11
Blue Jay Hwy. Maint. Sta., Nevada	356	85	18/0740	28/0730	142.	7.1	21	56	22*	23
Boise, Idaho	359	447	19/0915	22/0900	71.8	0.98	2.6	3.9*	-	2.1
Bozeman, Montana	24	642	19/1240	21/1240	48.2	0.87	2.3	6.7*	-	2.6
Burns, Oregon	341	469	20/0849	21/0844	24.	0.09	0.28	0.27*	-	0.2
Caliente, Nevada	70	92	18/1043	21/0600	67.1	0.71	3.2	5.8*	0.60	2.4
Cedar City, Utah	78	170	18/2350	20/2330	47.6	0.05*	0.19	0.19	-	0.1
Currant, Nevada	19	118	18/0830	30/0800	118	0.73	2.3	3.8*	1.5*	1.9
Currie, Nevada	19	226	18/0758	21/0700	56.6	0.69	1.2	4.1*	2.0*	1.9
Death Valley Jct., California	196	62	19/0800	20/1430	30.8	0.02	0.08	0.16	-	0.06
Diablo Hwy. Maint. Sta., Nevada	1	51	18/0800	01/0800	263.5	3.9*	5.3	22*	3	9.4
Duckwater, Nevada	11	121	18/0900	27/1900	153.2	2.7	11	19*	6.7	8.6
Dugway, Utah	40	278	18/1500	20/0900	42.	0.19	0.88	1.3*	0.03*	0.57
Elko, Nevada	4	254	19/1100	20/0900	45.9	1.1	3.5	4.2*	-	2.4
Ely, Nevada	25	158	18/1415	23/0900	90.5	4.1	14	28*	0.54*	12
Enterprise, Utah	78	134	18/1845	20/1700	46.3	0.08*	0.36	0.31	-	0.2
Eureka, Nevada	3	162	18/1500	25/0700	136	3.8	12	28*	11*	12
Fallon, Nevada	318	215	18/1040	21/0904	70.2	1.2*	2.6	10*	-	3.8

† - Based on meter time and not operator on/off times.
‡ - Calculation method shown in Appendix B
* - Estimated concentrations

Table B-2. Time-integrated Concentrations of Radioiodines In Air and Estimated Thyroid Doses.

Table B-2. Time-integrated Concentrations of Radioiodines in Air and Estimated Thyroid Doses (continued)

Location	Azimuth (degrees)	Distance (miles)	Sampling Period Date/Time	to Date/Time	Meter Operating Time (hr)	Time-Integrated† Radioacitivity Concentrations ($\mu Ci \cdot sec/m^3$) ^{131}I	^{132}Te	^{133}I	^{135}I	Estimated‡ Infant Thyroid Dose Equivalent (mrem)
Frenchman Station, Nevada	321	188	19/0733	22/0700	71.5	3.7	13	27*	-	11
Furnace Creek, California	223	62	19/0800	21/0700	47.1	0.29	0.21	3.2*	-	1
Garrison, Utah	43	166	18/0800	21/0800	72	3	11	18*	2.9*	8.3
Geyser Hwy Maint. Sta., Nevada	38	130	18/1602	20/1705	48.7	5.1	21	28*	4.6*	14
Goldfield, Nevada	301	73	18/0800	24/0800	96	1.2*	1.7	12*	4.1*	4.2
Hiko, Nevada	58	56	18/2000	21/0900	60.7	0.30*	1.7	1.9	0.47*	0.94
Idaho Falls, Idaho	26	486	19/1054	24/1100	94.9	2.1	6.2	7.1*	-	3.9
Lida, Nevada	284	79	19/0635	24/1015	74.7	1.2*	0.45	9.7*	-	3.4
Little Rock, Arkansas	97	1339	24/0830	28/0830	96	0.14	0.07	-	-	0.1
Logan, Utah	36	389	19/0830	23/0840	96	1.3	3.6	4.6*	-	2.6
Lovelock, Nevada	328	245	19/1000	21/1000	48	1.6	4.3	11*	-	4.5
Lund, Nevada	27	132	18/0748	20/0818	48.8	2.0*	8.1	19*	7.8*	7.7
Milford, Utah	63	189	18/1600	20/1200	44	0.07	0.31	0.33	0.08*	0.2
Missoula, Montana	9	679	20/1415	22/1625	50.1	0.52	1	1.1*	-	0.85
Nyala, Nevada	15	77	18/0800	28/0800	168.2	2.8*	7.6	17	4.7*	7.7
Pioche, Nevada	60	105	18/0700	21/0700	72	1.5	5.8	10*	2.8*	4.5
Pocatello, Idaho	26	438	20/0900	21/0910	24	0.27	0.63	0.81*	-	0.50
Preston, Idaho	33	408	19/1100	21/1100	48	0.68	2.2	2.6*	-	1.5
Rapid City, South Dakota	55	826	21/1816	22/2220	-	0.03	0.09	-	-	0.05
Reno, Nevada	309	261	18/1240	21/0735	66.9	1.4	1.3	12*	1.2*	4.3
Rock Springs, Wyoming	50	477	19/0700	21/0700	48	0.29	1.1	1.2*	-	0.67
Round Mountain, Nevada	334	119	18/1146	26/1140	191.9	7.4	18	85*	27*	31
Salt Lake City, Utah	42	336	19/0850	21/0820	47.6	1.35	4.4	8	-	3.6
Scotty's Junction, Nevada	279	52	18/1630	20/1630	47.8	1.2	2	13*	3.9*	4.5

† - Based on meter time and not operator on/off times.
‡ - Calculation method shown in Appendix B
* - Estimated concentrations

Table B-2. Time-integrated of Radioiodines in Air and Estimated Thyroid Doses (concluded)

Location	Azimuth (degrees)	Distance (miles)	Sampling Period Date/Time	to Date/Time	Meter Operating Time (hr)	Time-Integrated† Radioacitivity Concentrations ($\mu Ci \cdot sec/m^3$) ^{131}I	^{132}Te	^{133}I	^{135}I	Estimated‡ Infant Thyroid Dose Equivalent (mrem)
Spokane, Washington	355	727	18/1100	21/0800	69	0.05	0.15	-	-	0.07
St. Louis, Missouri	86	1410	23/1757	24/1804	24.1	0.05	0.10	-	-	0.05
Stone Cabin Ranch, Nevada‡ **	337	74	18/0800	30/0800	222.7	21	71	280*	150*	100
Sunnyside, Nevada	34	106	18/1450	21/1930	77	0.64*	3.7	6.6	1.6*	2.7
Tonopah, Nevada	315	88	18/1130	26/1400	173.6	4.5*	8.2*	48*	35	19
Tonopah Test Range, Nevada	320	56	18/0840	26/1000	170.1	4.3*	13	63	76*	26
Twin Falls, Idaho	13	383	19/0800	22/0800	71.8	0.55	1.5	1.9*	-	1.1
Twin Springs Ranch, Nevada	356	72	18/0800	29/0800	237	5.8*	8.3	30*	2.1*	13
Warm Springs, Nevada	348	73	18/0800	22/0920	96.1	4.6	11	34	20*	15
Wells, Nevada	13	279	18/1705	20/1700	47.9	1.2	3.4	6.6*	0.02*	3
Wendover, Utah	24	269	19/0800	23/0800	96	0.95	3.3	3*	-	2
Winnemucca, Nevada	342	277	19/0600	23/0600	96	5.3	16	47*	-	18
Worland, Wyoming	42	636	20/0745	22/0745	48	0.95	3.4	2.1*	-	1.7

† - Based on meter time and not operator on/off times.
‡ - Calculation method shown in Appendix B
# - Samples from Stone Cabin Ranch are identified in Appendix A as Clark Station.
* - Estimated concentrations
** - An electrical power failure between 0700 and 1200 on December 19 resulted in no sample collected for that period.

Table B-2. Time-integrated Concentrations of Radioiodines in Air and Estimated Thyroid Doses. (concluded)

Dose from Ingestion of Milk Containing Radioiodine

For ingestion, parameter A for a one-year-old infant was defined as

$$A = \frac{CVf}{m} \text{ where}$$

C = the time-integrated concentration of radioiodine in milk, pCi·day/l, from time zero to infinity assuming that the effective half-lives of ^{131}I and ^{133}I in milk are 5 days and 21 hours respectively.

V = the rate by which milk is consumed by a child one-year-old or less, 1 liter/day [4].

f = fraction of ingested radioiodine reaching the thyroid, 0.3 [2].

m = thyroid weight, g.

With the values for V and f substituted,

$$A = \frac{(1 \text{ liter/day})}{m} (0.3)\ C, \text{ or}$$

$$A = \frac{0.3 \text{ liter}}{\text{day}} \frac{C}{m}$$

The dose equation $D = KEA/\lambda_{eff}$ becomes applicable to milk ingestion with the above expression for A substituted as follows:

$$D.E. = \left(1.5 \times 10^{-2} \frac{\text{mrem·g·l}}{\text{MeV·pCi·day}^2}\right) \frac{E\ C}{\lambda_{eff} m}$$

With $\lambda_{eff} = 0.693/T_{eff}$

$$D.E. = \left(2.2 \times 10^{-2} \frac{\text{mrem·g·l}}{\text{MeV·pCi·day}^2}\right) \frac{E\ T_{eff}\ C}{m}$$

The following tables list the values for E, T_{eff}, and the product of $(2.2 \times 10^{-2})\ E\ T_{eff}$ for ^{131}I and ^{133}I. The differences in the effective energies for the adult and infant listed in these tables are due to the different thyroid sizes of an adult and child.

Table B-3 Child Dose Factors for Time-Integrated Concentration of Radioiodines in Milk

Isotope	Effective Energy (MeV)	Effective Half-Life (day)	Dose Factor for One-year-old Child $\frac{\text{mrem.g.l}}{\text{pCi·day}}$
^{131}I	0.20	7.6	0.034
^{133}I	0.50	0.87	0.0096

Table B-4 Adult Dose Factors for Time-Integrated Concentrations of Radioiodines in Milk

Isotope	Effective Energy (MeV)	Effective Half-Life (day)	Dose Factor for Adult $\frac{\text{mrem.g.l}}{\text{pCi·day}}$
^{131}I	0.23	7.6	0.039
^{133}I	0.54	0.87	0.010

Table B-5 summarizes the milk results from Appendix C and lists the estimated thyroid doses for either known or hypothetical milk drinkers at the sampling locations. One adult and two children, ages 13 and 15, at the McCurdy Ranch were known users of the milk produced at that location. The youngest child drinking milk from the McCurdy cows was a two-year-old living in Beatty, about ten miles south of Springdale. The child's parents were contacted and the actual amount of milk consumed by the child per day was determined to be 1 liter per day. From the concentrations of radioiodine in the milk, the rate of consumption, the above child dose conversion factors, and an assumed thyroid weight of 3 grams, the thyroid dose equivalent received by the child was estimated.

From the other ranches, the actual quantity of milk consumed by the youngest child drinking milk at each location was not determined; therefore, a consumption rate of 1 liter/day was assumed. The thyroid weights assumed for the 7 and 9-year-old children were 7 grams and 9 grams, respectively. A 20-gram thyroid weight was used for the adults. The thyroid dose equivalents received by the individuals were estimated from these assumptions, the concentrations of radioiodine in the milk, and the above dose conversion factors for an adult.

Table B-5 Estimated Thyroid Doses from Milk Ingestion

Location	Peak Conc. (pCi/l) ^{131}I	Date	Time-Integrated Conc. (pCi·day/l) ^{131}I	^{133}I	Age of Recipient (years)	Dose Equivalent (mrem)
McCurdy Ranch Springdale, NV	810	12/26	14,000	4700	1	260
			10,000	4700	2	130
			14,000	4700	13	50
			14,000	4700	15	40
			14,000	4700	over 20	30
Martin Ranch Eureka, NV	240	12/22	1400	2600	>20	4
Young Ranch Austin, NV	140	12/21	900	3200	9	7
Triple T Ranch Austin, NV	50	12/27	230	480	1	6
Berg Ranch Round Mt., NV	70	12/21	560	1300	7	5
Halstead Ranch Duckwater, NV	90	12/20	410	890	>20	1
Sharp Ranch Nyala, NV	30	12/20	170	580	1	6
Blue Eagle Ranch Currant, NV	30	12/20	220	290	1	5
Kirkeby Ranch Shoshone, NV	40	12/21	160	330	1	4
Larsen Ranch McGill, NV	30	12/22	200	70	1	4
Lee Ranch Panaca, NV	40	12/21	120	180	1	3
Ida Gem Dairymen Jerome, ID	40	12/25	320	- - -	1	5
Cream of the Valley Dairy, Powell, WY	40	12/24	140	- - -	1	2
Univ. of Wyoming Laramie, WY	10	12/31	50	- - -	1	1

Dose from Ingestion of Snow Containing Radioiodine

In February, 1971, EPA personnel discovered that sheepherders in central Nevada were using melted snow for drinking and cooking. According to interviews with sheepherders and ranchers, the following facts were established:

1. Two sheepherders were located in an area about 10-15 miles north of Duckwater from December 18 through March. Five other sheepherders located north of Highway 50 between Pancake and Little Antelope Summits (between Ely and Eureka) on December 18 moved their sheep southward toward Duckwater and joined the herd north of Duckwater. On February 1, the five herders traveled in a southwesterly direction into Smokey Valley, about 15 miles southwest of Duckwater, and remained there until early March when they moved northward. The owner of both herds spent considerable time with the herders, bringing the total number of persons ingesting melted snow to eight.

2. Sheepherders ingested about 3 to 4 quarts of melted snow per day.

3. Prior to December 18, there was about one foot of snowfall in the area where the sheepherders were tending their sheep. On December 18 and 19, there were only light snow flurries resulting in no appreciable accumulation of snow.

Since no samples were taken of the snow actually used by the sheepherders, the analytical results of samples collected at Pancake Summit (24 miles east of Eureka on Highway 50), Little Antelope Summit (44 miles west of Ely on Highway 50), and Duckwater were used to calculate the thyroid doses which the herders may have received. The thyroid doses were calculated from the radioiodine concentrations integrated to infinity (pCi·day/l), the previously discussed dose conversion factors for milk ingestion, and the following assumptions:

1. The radioiodine concentrations in the snow decreased only by radiological decay.

2. Consumption of the melted snow was 3 liters per day per sheepherder.

Appendix B (continued)

3. The infinity dose estimates would be reduced by a factor of two

   (a) due to the differences in the sample collection depth (2 to 3 inches) and depth to which the herders collected the snow (6 to 12 inches) and

   (b) due to the radioiodines deposited on the snow being diluted by snowfall on December 21 [5].

From consideration of these assumptions and the locations of the sheepherders, the estimate of the dose for the herders was 0.5 rem plus or minus a factor of three. The fraction of the estimated dose which would be received for various periods of ingestion is:

Period of Ingestion (days)	1	2	5	7	14	21
Percent of Infinity Dose	20	30	50	60	80	90

The wide range in the dose estimate is a result of the following uncertainties:

1. The actual geographical distribution of the radioiodine on the snow at the locations of the sheepherders.
2. The distribution of the radioiodine with snow depth, although it would appear to be a thin layer on the surface.
3. The actual period during which snow was ingested prior to new snowfall and melting.

The sample collected at Blue Jay Highway Maintenance Station, which had the highest concentrations of radioiodines, was not used in the dose estimates for two reasons. First, the herders were located between Duckwater and Highway 50 for a period during which they would have received over 90% of the total dose, and secondly, evidence was available that the high concentrations of radioiodine in the snow at Blue Jay Highway Maintenance Station was a result of snow-out during the passage of the Baneberry effluent. According to statements by the sheepherders and ranchers and local climatological records [5], heavy snowfall did not occur in the area of the sheepherders except before and after cloud passage (December 18-19). The records did show snowfall at Blue Jay Highway Maintenance Station on December 18 and 19. In addition, estimates of the deposition velocity of ^{131}I at locations surrounding the area of the sheepherders (Eureka, Currant, Duckwater, and Round Mountain) were about 2 cm/sec,

which is representative of dry deposition. The deposition velocity at Blue Jay Highway Maintenance Station was estimated as 50 cm/sec, indicating that snow-out probably occurred. All deposition velocity calculations were based upon the concentration of ^{131}I in snow samples, ^{131}I in air samples collected at or near the snow sampling locations, and a snow to water volume ratio of 10:1.

Dose Estimates by Whole-Body Counting

Thyroid doses were estimated from the whole-body counting results for five aircrew personnel, three off-site monitors, Mrs. McCurdy and her thirteen-year-old son. The whole-body counting system consists of an eleven-inch-diameter, four-inch-thick sodium-iodide crystal coupled through seven photomultiplier tubes to a pulse-height analysis system. The sodium-iodide detector is located in a chamber measuring nine-by-nine feet with walls, floors, and ceilings shielded with five inches of steel. Accurate estimates of internally deposited gamma-emitting radionuclides can be made as low as one nanocurie (1000 pCi).

From the whole-body counts of two aircrew members on December 18, thyroid burdens of ^{131}I, ^{133}I and ^{135}I were measured. From the product of these burdens and the dose conversion factors 6.16 mrem/nCi for ^{131}I, 1.39 mrem/nCi for ^{133}I, and 0.314 mrem/nCi for ^{135}I, a thyroid dose of <50 mrem was estimated. The other three aircrew members and the three off-site monitors were not counted until December 21-23; no radioiodine was detected.

On January 16, 1971, Mr. and Mrs. McCurdy and their thirteen-year-old son were counted. An older son remained at home to look after the ranch and was not counted. Normal counting procedures suggested the possiblity of an ^{131}I peak within the resulting gamma spectrum; however, the count rates were extremely low. Special counting procedures were instituted wherein the sodium-iodide detector was positioned as close as possible to the thyroid. Even with the detector in this position, the presence of ^{131}I was not conclusively established.

As an estimate, the thyroid burdens were calculated from the largest possible ^{131}I peak which could be fitted into the appropriate region of the spectrum for ^{131}I. The results showed possible burdens of 0.3 nanocurie in Mrs. McCurdy and 0.16 nanocurie in the thirteen-year-old boy at time of count. Mr. McCurdy works at a radioactive waste disposal site, and at the present has higher than normal burdens of ^{137}Cs and ^{60}Co. Because of the increased background from these radionuclides and the absence of any discernible gamma spectrum peak in the ^{131}I region, no estimate of his burden was made.

The method used to estimate the thyroid dose from the whole-body counting results was to scale the calculated dose by methods described earlier in Appendix B by the ratio of the measured burden to the calculated burden. This method assumed that the milk consumption of 1 liter per day and the fractional uptake of 0.3 were constant. Therefore, the actual burden on any day was calculated from the ratio of the measured burden to the calculated burden at the time of the whole-body count times the calculated burden for any particular day. The calculated burden for any particular day was determined from the product of the concentration of ^{131}I in milk for a particular day, the milk consumption rate of 1 liter/day, an uptake factor of 0.3, and a decay correction factor for physical and biological elimination during uptake and deposition in the thyroid.

Figure B-1 shows the results of this calculation from the concentrations illustrated in Figure 3 for the McCurdy Ranch.

Figure B-2 shows the accumulative adult thyroid dose for any particular day based upon Figure B-2 multiplied by the ratio of measured burden to the calculated burden and a dose conversion factor of 6.16 mrem/nCi. For the accumulative dose to the thyroid of the thirteen-year-old boy, the curve in this figure must be multiplied by the factor 20/13.

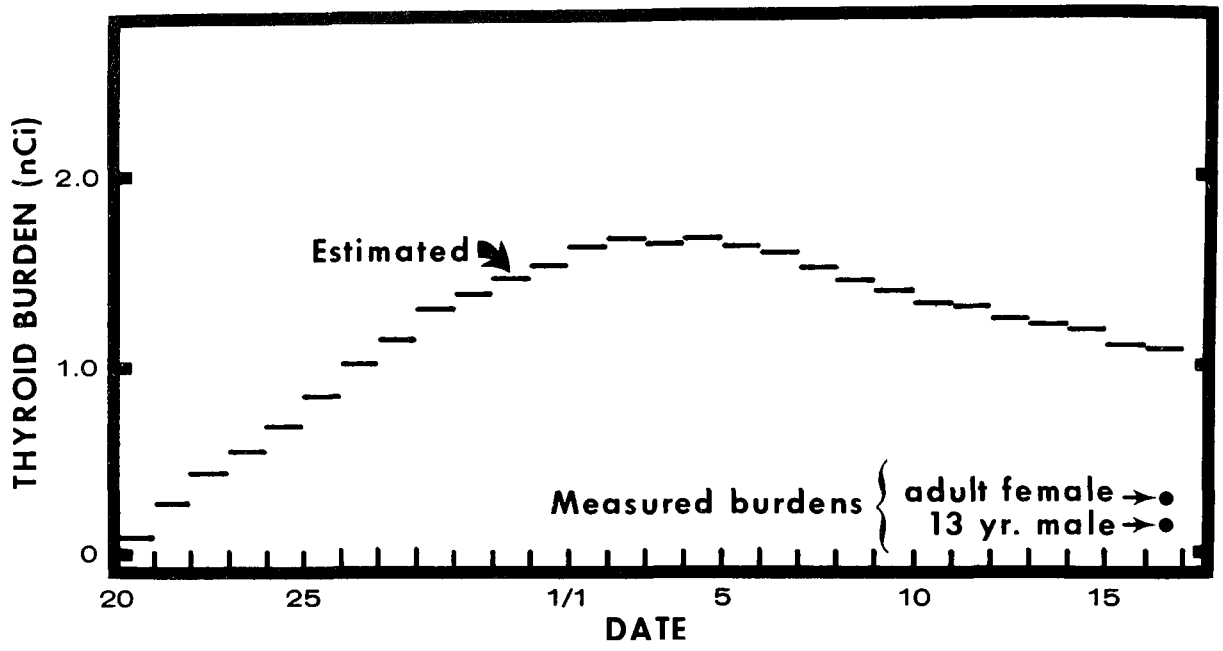

Figure B-1. Estimated and Measured Thyroid Burdens of ^{131}I at the McCurdy Ranch.

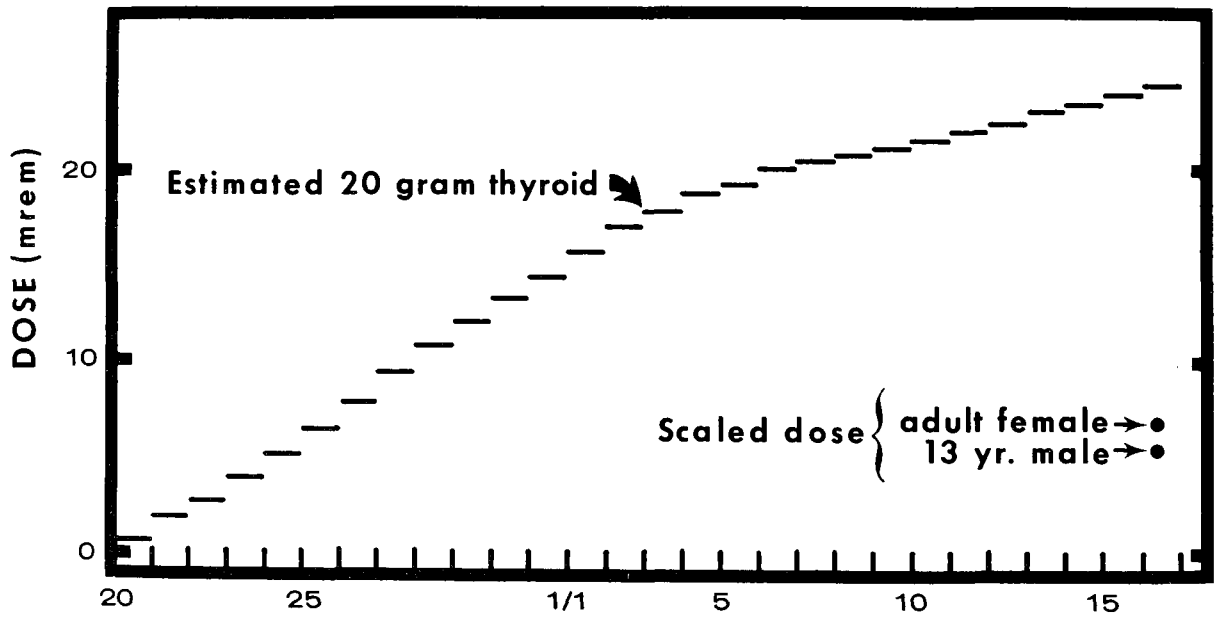

Figure B-2. Estimated and Scaled Thyroid Doses for an Adult at the McCurdy Ranch.

REFERENCES

1. "Basic Radiation Protection Criteria," Recommendations of National Council on Radiation Protection and Measurements, NCRD Report No. 39. 4201 Connecticut Avenue, N.W., Washington, D.C. January 15, 1971. p. 83.

2. "Recommendations of the International Commission on Radiological Protection - Report of Committee II on Permissible Dose for Internal Radiation." ICRP-2 Pergamon Press, New York, London, Paris, Los Angeles, 1959.

3. "Protection of the Public in the Event of Radiation Accidents." Proceedings of a seminar sponsored by FAO/UN, IAEA, and World Health Organization on 18 November 1963 at Geneva, Switzerland, 1965, p. 210.

4. "Background Material for the Development of Radiation Protection Standards." Staff Report No. 5 of the Federal Radiation Council. Superintendent of Documents, U. S. Government Printing Office, Washington, D.C. July 1964. pp. 14-16.

5. "Climatological Data," National Oceanic and Atmospheric Administration Monthly Summarized Station and Divisional Data, Nevada, Volume 85, No. 12. December 1970.

APPENDIX C

ENVIRONMENTAL SAMPLING RESULTS
(Extrapolated to end of collection period or collection time)

	Printout Page
Milk	
California	1
Colorado	12
Idaho	17
Nevada	23
Utah	41
Wyoming	49
Water	
California	53
Nevada	55
Utah	65
Precipitation	
California	68
Colorado	70
Idaho	71
Minnesota	72
Montana	73
Nevada	74
North Dakota	82
South Dakota	83
Utah	84
Wyoming	85
Air	
Arkansas	86
California	87
Colorado	89
Idaho	91

Appendix C (continued)

	Printout Page
Air (continued)	
Missouri	94
Montana	95
Nevada	96
New Mexico	133
Oregon	134
South Dakota	135
Texas	136
Utah	137
Washington	143
Wyoming	144
Food Crops	
Nevada	145
Cow Feed	
California	146
Nevada	147
Utah	155
Vegetation	
California	157
Nevada	158
Utah	163

Note: Air samples listed for Clark Station, were actually collected at Stone Cabin Ranch, located about five miles north of Clark Station.

BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
AUBURN CALIF - LONE STAR DAIRY COLLECTED 12/19/70 0600 SIZE .400 L SB 89SR=LT5E00 90SR=0.3E01	95523	LT2E02	LT2E02	LT2E02	NA
AUBURN CALIF - LONE STAR DAIRY COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.0E00	95987	LT2E01	ND	LT2E01	NA
AUBURN CALIF - LONE STAR DAIRY COLLECTED 12/26/70 0600 SIZE 3.50 L SB K=1.1E00	95968	LT2E01	ND	LT2E01	NA
BAKERSFIELD CALIF CARNATION CO COLLECTED 12/21/70 1800 SIZE 3.50 L SB K=1.3E00	95695	LT2E01	LT2E01	LT2E01	NA
BAKERSFIELD CALIF CARNATION CO COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.0E00	95698	LT2E01	LT2E01	LT2E01	NA
BAKERSFIELD CALIF CARNATION CO COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.3E00	95707	LT2E01	LT2E01	LT2E01	NA
BAKERSFIELD CALIF CARNATION CO COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.4E00	95857	LT2E01	LT2E01	LT2E01	NA
BAKERSFIELD CALIF CARNATION CO COLLECTED 12/25/70 0600 SIZE 3.50 L SB K=1.4E00 89SR=LT5E00 90SR=LT2E00	95845	LT2E01	LT2E01	LT2E01	LT4E02
BAKERSFIELD CALIF CARNATION CO COLLECTED 12/26/70 0600 SIZE 3.50 L SB K=1.0E00	96025	LT2E01	ND	LT2E01	NA
BAKERSFIELD CALIF CARNATION CO COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.2E00	96016	LT2E01	ND	LT2E01	NA
BAKERSFIELD CALIF CARNATION CO COLLECTED 12/30/70 0600 SIZE 3.50 L SB K=1.1E00	96154	LT2E01	ND	LT2E01	NA

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
BAKERSFIELD CALIF CARNATION CO COLLECTED 12/31/70 0600 SIZE 3.50 L SB K=1.4E00	96242	LT2E01	ND	LT2E01	NA
BAKERSFIELD CALIF CARNATION CO COLLECTED 01/01/71 0600 SIZE 3.50 L SB K=1.2E00	96241	LT2E01	ND	LT2E01	NA
BAKERSFIELD CALIF CARNATION CO COLLECTED 01/02/71 0600 SIZE 3.50 L SB K=1.3E00	96352	LT2E01	ND	LT2E01	NA
BAKERSFIELD CALIF CARNATION CO COLLECTED 01/03/71 0600 SIZE 3.50 L SB K=1.4E00	96353	LT2E01	ND	LT2E01	NA
BAKERSFIELD CALIF CARNATION CO COLLECTED 01/04/71 0600 SIZE 3.50 L SB K=1.2E00	96308	LT2E01	ND	LT2E01	NA
BAKERSFIELD CALIF CARNATION CO COLLECTED 01/05/71 0600 SIZE 3.50 L SB K=1.4E00	96362	LT2E01	ND	LT2E01	NA
CHICO CALIF - QUALITY DAIRY COLLECTED 12/21/70 0600 SIZE 3.50 L SB K=1.5E00 89SR=LT5E00 90SR=0.3E01	95526	LT2E01	LT2E01	LT2E01	NA
CHICO CALIF - QUALITY DAIRY COLLECTED 12/30/70 0600 SIZE 3.50 L SB K=1.1E00	96151	LT2E01	ND	LT2E01	NA
FRESNO CALIF - HARPAIN'S DAIRY COLLECTED 12/20/70 1800 SIZE 3.10 L SB K=1.5E00 89SR=LT5E00 90SR=LT2E00	95525	LT2E01	LT2E01	LT2E01	NA
FRESNO CALIF - HARPAIN'S DAIRY COLLECTED 12/21/70 0600 SIZE 3.50 L SB K=1.2E00	95522	LT2E01	LT2E01	LT2E01	NA

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
FRESNO CALIF - HARPAIN'S DAIRY	95805	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/23/70 0600 SIZE 3.50 L SB					
K=1.0E00					
FRESNO CALIF - HARPAIN'S DAIRY	95794	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/24/70 0600 SIZE 3.50 L SB					
K=1.2E00					
FRESNO CALIF - HARPAIN'S DAIRY	96138	LT2E01	ND	LT2E01	NA
COLLECTED 12/29/70 0600 SIZE 3.50 L SB					
K=1.2E00					
FRESNO CALIF - HARPAIN'S DAIRY	96155	LT2E01	ND	LT2E01	NA
COLLECTED 12/30/70 0600 SIZE 3.50 L SB					
K=1.2E00					
FRESNO CALIF - HARPAIN'S DAIRY	96162	LT2E01	ND	LT2E01	NA
COLLECTED 12/31/70 0600 SIZE 2.60 L SB					
K=1.3E00					
FRESNO CALIF - HARPAIN'S DAIRY	96234	LT2E01	ND	LT2E01	NA
COLLECTED 01/01/71 0600 SIZE 3.50 L SB					
K=1.1E00					
FRESNO CALIF - HARPAIN'S DAIRY	96235	LT2E01	ND	LT2E01	NA
COLLECTED 01/02/71 0600 SIZE 3.50 L SB					
K=1.1E00					
FRESNO CALIF - HARPAIN'S DAIRY	96313	LT2E01	ND	LT2E01	NA
COLLECTED 01/04/71 0600 SIZE 2.50 L SB					
K=1.4E00					
FRESNO CALIF - HARPAIN'S DAIRY	96357	LT2E01	ND	LT2E01	NA
COLLECTED 01/05/71 0600 SIZE 3.50 L SB					
K=1.3E00					
FRESNO CALIF - ST COLLEGE CREAMERY	95321	LT1E01	LT1E01	LT1E01	NA
COLLECTED 12/21/70 0600 SIZE 3.50 L SB					
K=1.2E00 89SR=LT5E00					
90SR=0.2E01					
FRESNO CALIF - ST COLLEGE CREAMERY	95521	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/22/70 0600 SIZE 2.85 L SB					
K=1.0E01					

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
FRESNO CALIF - ST COLLEGE CREAMERY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.1E00	95697	LT2E01	LT2E01	LT2E01	NA
FRESNO CALIF - ST COLLEGE CREAMERY COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.4E00	95785	LT2E01	LT2E01	LT2E01	NA
FRESNO CALIF - ST COLLEGE CREAMERY COLLECTED 12/25/70 0600 SIZE 3.50 L SB K=1.3E00	95959	LT2E01	ND	LT2E01	NA
FRESNO CALIF - ST COLLEGE CREAMERY COLLECTED 12/26/70 0600 SIZE 3.50 L SB K=1.1E00	95986	LT2E01	ND	LT2E01	NA
FRESNO CALIF - ST COLLEGE CREAMERY COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.0E00	95964	LT2E01	ND	LT2E01	NA
HANFORD CALIF - SUPERIOR DAIRY PROD COLLECTED 12/20/70 1800 SIZE 3.50 L SB K=1.2E00 89SR=LT5E00 90SR=LT2E00	95536	LT2E01	LT2E01	LT2E01	NA
HANFORD CALIF - SUPERIOR DAIRY PROD COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.3E00	95806	LT2E01	LT2E01	LT2E01	NA
HANFORD CALIF - SUPERIOR DAIRY PROD COLLECTED 12/27/70 1000 SIZE 3.50 L SB K=1.2E00	96033	LT2E01	ND	LT2E01	NA
HINKLEY CALIF - BILL NELSON DAIRY COLLECTED 12/23/70 1800 SIZE 3.50 L 6992 K=1.0E00	95672	LT2E01	LT2E01	LT2E01	NA
HINKLEY CALIF - BILL NELSON DAIRY COLLECTED 12/24/70 0600 SIZE 3.50 L 6992 K=1.0E00	95749	LT2E01	LT2E01	LT2E01	NA
INDEPENDENCE CALIF SMITH RANCH COLLECTED 12/23/70 1800 SIZE 3.50 L 6992 K=1.2E00	95676	LT2E01	LT2E01	LT2E01	NA

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
INDEPENDENCE CALIF SMITH RANCH COLLECTED 12/24/70 0600 SIZE 3.50 L 6992 K=1.3E00	95673	LT2E01	LT2E01	LT2E01	NA
MADERA CALIF - MADERA QUALITY DAIRY COLLECTED 12/21/70 0600 SIZE 2.80 L SB K=1.6E00 89SR=LT5E00 90SR=0.7E01	95647	LT2E01	LT2E01	LT2E01	NA
MADERA CALIF - MADERA QUALITY DAIRY COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.3E00	95706	LT2E01	LT2E01	LT2E01	NA
MADERA CALIF - MADERA QUALITY DAIRY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.7E00	95802	LT2E01	LT2E01	LT2E01	NA
MADERA CALIF - MADERA QUALITY DAIRY COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.0E00	96017	LT2E01	ND	LT2E01	NA
MADERA CALIF - MADERA QUALITY DAIRY COLLECTED 12/25/70 0600 SIZE 3.50 L SB K=1.0E00	96083	LT2E00	ND	LT2E00	NA
MADERA CALIF - MADERA QUALITY DAIRY COLLECTED 12/25/70 1800 SIZE 3.50 L SB K=1.0E00	96081	LT2E01	ND	LT2E01	NA
MADERA CALIF - MADERA QUALITY DAIRY COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.1E00	96024	LT2E01	ND	LT2E01	NA
MERCED CALIF - SUNSHINE DAIRY FARMS COLLECTED 12/20/70 1800 SIZE 3.50 L SB K=1.0E00 89SR=LT5E00 90SR=0.2E01	95538	LT2E01	LT2E01	LT2E01	NA
MERCED CALIF - SUNSHINE DAIRY FARMS COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.0E00	95653	LT2E01	LT2E01	LT2E01	NA

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
MERCED CALIF - SUNSHINE DAIRY FARMS COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.3E00	95680	LT2E01	LT2E01	LT2E01	NA
MERCED CALIF - SUNSHINE DAIRY FARMS COLLECTED 12/25/70 0600 SIZE 3.50 L SB K=1.0E00	96066	LT2E01	ND	LT2E01	NA
MERCED CALIF - SUNSHINE DAIRY FARMS COLLECTED 12/26/70 0600 SIZE 3.50 L SB K=1.1E00	96091	LT2E01	ND	LT2E01	NA
MERCED CALIF - SUNSHINE DAIRY FARMS COLLECTED 12/27/70 1800 SIZE 3.50 L SB K=1.5E00	96015	LT2E01	ND	LT2E01	NA
MERCED CALIF - SUNSHINE DAIRY FARMS COLLECTED 12/28/70 0600 SIZE 3.50 L SB K=1.2E00	96074	LT2E01	ND	LT2E01	NA
OLANCHA CALIF HUNTER RANCH COLLECTED 12/24/70 0600 SIZE 3.50 L 6992 K=1.0E00	95748	LT2E01	LT2E01	LT2E01	NA
REDDING CALIF - MCCOLL'S DAIRY PROD COLLECTED 12/20/70 1800 SIZE 3.50 L SB K=1.1E00 89SR=LT5E00 90SR=LT2E00	95528	LT2E01	LT2E01	LT2E01	NA
REDDING CALIF - MCCOLL'S DAIRY PROD COLLECTED 12/21/70 1800 SIZE 3.50 L SB K=1.0E01	95644	LT2E01	LT2E01	LT2E01	NA
REDDING CALIF - MCCOLL'S DAIRY PROD COLLECTED 12/23/70 1800 SIZE 3.50 L SB K=1.5E00	95854	LT2E01	LT2E01	LT2E01	NA
REDDING CALIF - MCCOLL'S DAIRY PROD COLLECTED 12/24/70 1800 SIZE 3.50 L SB K=1.2E00	96127	LT2E01	ND	LT2E01	NA
REDDING CALIF - MCCOLL'S DAIRY PROD COLLECTED 12/27/70 1800 SIZE 3.50 L SB K=1.5E00	96143	LT2E01	ND	LT2E01	NA

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
SALINAS CALIF - BLUE RIBBON DAIRY	95534	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 0600 SIZE 3.50 L SB					
K=1.0E01 89SR=LT5E00					
90SR=0.2E01					
SALINAS CALIF - BLUE RIBBON DAIRY	95810	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/23/70 0600 SIZE 3.50 L SB					
K=1.0E00					
SALINAS CALIF - BLUE RIBBON DAIRY	95727	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/23/70 0600 SIZE 3.20 L SB					
K=1.3E00 89SR=LT5E00					
90SR=0.2E01					
SALINAS CALIF - BLUE RIBBON DAIRY	96126	LT2E01	ND	LT2E01	NA
COLLECTED 12/29/70 0600 SIZE 3.50 L SB					
K=1.0E00					
SALINAS CALIF - BLUE RIBBON DAIRY	96111	LT2E01	ND	LT2E01	NA
COLLECTED 12/29/70 1000 SIZE 3.50 L SB					
K=1.5E00					
SAN LUIS OBISPO CALIF - FOREMOST DAIRY	95537	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 1800 SIZE 3.50 L SB					
K=1.2E00 89SR=LT5E00					
90SR=0.4E01					
SAN LUIS OBISPO CALIF - FOREMOST DAIRY	95654	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/22/70 0600 SIZE 3.50 L SB					
K=1.5E00					
SAN LUIS OBISPO CALIF - FOREMOST DAIRY	95679	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/23/70 0600 SIZE 3.50 L SB					
K=1.2E00					
SAN LUIS OBISPO CALIF - FOREMOST DAIRY	95860	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/24/70 0600 SIZE 3.50 L SB					
K=1.0E00					
SAN LUIS OBISPO CALIF - FOREMOST DAIRY	96069	LT2E01	ND	LT2E01	NA
COLLECTED 12/25/70 0600 SIZE 3.50 L SB					
K=1.0E00					

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EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
SAN LUIS OBISPO CALIF - FOREMOST DAIRY COLLECTED 12/26/70 0600 SIZE 3.50 L SB K=1.1E00	96035	LT2E01	ND	LT2E01	NA
SAN LUIS OBISPO CALIF - FOREMOST DAIRY COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.4E00	96022	LT2E01	ND	LT2E01	NA
SANTA CLARA CALIF - EDELWEISS DAIRIES COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.3E00 89SR=LT5E00 90SR=LT2E00	95961	LT2E01	ND	LT2E01	NA
SANTA CLARA CALIF - EDELWEISS DAIRIES COLLECTED 12/23/70 0600 SIZE .400 L SB	96380	LT1E02	ND	LT1E02	NA
SANTA CLARA CALIF - EDELWEISS DAIRIES COLLECTED 12/24/70 0600 SIZE .400 L SB	95979	LT1E02	ND	LT1E02	NA
SANTA CLARA CALIF - EDELWEISS DAIRIES COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.2E00	96145	LT2E01	ND	LT2E01	NA
SANTA CLARA CALIF - EDELWEISS DAIRIES COLLECTED 12/26/70 0600 SIZE 2.30 L SB L>1.4F00	96382	LT2E01	ND	LT2E01	NA
SANTA CLARA CALIF - EDELWEISS DAIRIES COLLECTED 12/28/70 0600 SIZE 3.50 L SB K=1.4E00	96381	LT2E01	ND	LT2E01	NA
SANTA ROSA CALIF - ARLINGTON FARMS COLLECTED 12/21/70 0600 SIZE 3.50 L SB K=1.3E00 89SR=LT5E00 90SR=0.3E01	95723	LT2E01	LT2E01	LT2E01	NA
SANTA ROSA CALIF - ARLINGTON FARMS COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.3E00	95722	LT2E01	LT2E01	LT2E01	NA
SANTA ROSA CALIF - ARLINGTON FARMS COLLECTED 12/23/70 1800 SIZE 3.50 L SB K=1.0E00	96137	LT2E01	ND	LT2E01	NA

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
SANTA ROSA CALIF - ARLINGTON FARMS COLLECTED 12/25/70 0600 SIZE 3.50 L SB K=1.0E00	96133	LT2E01	ND	LT2E01	NA
SANTA ROSA CALIF - ARLINGTON FARMS COLLECTED 12/26/70 0600 SIZE 3.50 L SB K=1.4E00	96129	LT2E01	ND	LT2E01	NA
SANTA ROSA CALIF - ARLINGTON FARMS COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.2E00	96142	LT2E01	ND	LT2E01	NA
SANTA ROSA CALIF - BURBANK DAIRY COLLECTED 12/20/70 0600 SIZE 3.00 L SB K=1.2E00 89SR=LT5E00 90SR=0.6E01	95319	LT2E01	LT2E01	LT2E01	NA
SANTA ROSA CALIF - BURBANK DAIRY COLLECTED 12/21/70 0600 SIZE 3.50 L SB K=1.0E00	95318	LT2E01	LT2E01	LT2E01	NA
SANTA ROSA CALIF - BURBANK DAIRY COLLECTED 12/22/70 0600 SIZE 2.50 L SB K=1.3E00	95651	LT2E01	LT2E01	LT2E01	NA
SANTA ROSA CALIF - BURBANK DAIRY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.1E00	95657	LT2E01	LT2E01	LT2E01	NA
SANTA ROSA CALIF - BURBANK DAIRY COLLECTED 12/28/70 0600 SIZE 2.30 L SB K=1.5E00 89SR=LT5E00 90SR=LT2E00	96132	LT3E01	ND	LT3E01	8.8E02
SANTA ROSA CALIF - BURBANK DAIRY COLLECTED 12/29/70 0600 SIZE 3.20 L SB K=1.6E00	96139	LT2E01	ND	LT2E01	NA
SANTA ROSA CALIF - BURBANK DAIRY COLLECTED 12/30/70 0600 SIZE 3.50 L SB K=1.5E00	96160	LT2E01	ND	LT2E01	NA

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
SANTA ROSA CALIF - BURBANK DAIRY	96279	LT2E01	ND	LT2E01	NA
COLLECTED 12/31/70 0600 SIZE 3.00 L SB					
K=1.0E00					
SANTA ROSA CALIF - BURBANK DAIRY	96280	LT2E01	ND	LT2E01	NA
COLLECTED 01/01/71 0600 SIZE 3.00 L SB					
K=1.3E00					
SANTA ROSA CALIF - BURBANK DAIRY	96281	LT2E01	ND	LT2E01	NA
COLLECTED 01/02/71 0600 SIZE 3.50 L SB					
K=1.2E00					
SANTA ROSA CALIF - BURBANK DAIRY	96282	LT2E01	ND	LT2E01	NA
COLLECTED 01/03/71 0600 SIZE 3.00 L SB					
K=1.2E00					
STOCKTON CALIF - LUCKY MILK + ICE CRM	96152	LT2E01	ND	LT2E01	NA
COLLECTED 12/29/70 0400 SIZE 3.50 L SB					
K=1.4E00 89SR=LT5E00					
90SR=LT2E00					
TRACY CALIF - DEUEL VOC INST	95527	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 0600 SIZE 3.50 L SB					
K=1.1E00 89SR=LT5E00					
90SR=0.3E01					
TRACY CALIF - DEUEL VOC INST	95712	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/22/70 0600 SIZE 3.50 L SB					
K=1.2E00					
TRACY CALIF - DEUEL VOC INST	95681	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/23/70 0600 SIZE 3.50 L SB					
K=1.4E00					
TRACY CALIF - DEUEL VOC INST	95808	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/24/70 0600 SIZE 3.50 L SB					
K=1.3E00					
TRACY CALIF - DEUEL VOC INST	96090	LT2E01	ND	LT2E01	NA
COLLECTED 12/25/70 0600 SIZE 3.50 L SB					
K=1.1E00					

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BANEBERRY ACCUMULATIVE CALIFORNIA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
TRACY CALIF - DEUEL VOC INST	96084	LT2E01	ND	LT2E01	NA
COLLECTED 12/25/70 0600 SIZE 3.50 L SB					
K=1.0E00					
TRACY CALIF - DEUEL VOC INST	96094	LT2E01	ND	LT2E01	NA
COLLECTED 12/27/70 1800 SIZE 3.50 L SB					
K=1.1E00					
WEED CALIF - MEDO-BEL CREAMERY	95809	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 0600 SIZE 3.50 L SB					
K=1.1E00 89SR=LT5E00					
90SR=0.4E01					
WEED CALIF - MEDO-BEL CREAMERY	95811	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/23/70 0600 SIZE 3.50 L SB					
K=1.3E00					
WEED CALIF - MEDO-BEL CREAMERY	96112	LT2E01	ND	LT2E01	NA
COLLECTED 12/27/70 0600 SIZE 3.50 L SB					
K=1.2E00					
WEED CALIF - MEDO-BEL CREAMERY	96153	LT2E01	ND	LT2E01	NA
COLLECTED 12/30/70 1800 SIZE 3.50 L SB					
K=1.2E00					
WEED CALIF - MEDO-BEL CREAMERY	96311	LT2E01	ND	LT2E01	NA
COLLECTED 01/01/71 0600 SIZE 3.50 L SB					
K=1.3E00					
WEED CALIF - MEDO-BEL CREAMERY	96312	LT2E01	ND	LT2E01	NA
COLLECTED 01/04/71 1800 SIZE 3.50 L SB					
K=1.2E00					

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BANEBERRY ACCUMULATIVE COLORADO MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
COLORADO SPGS COLO - SINTON DAIRY CO COLLECTED 12/21/70 1800 SIZE 3.50 L SB K=1.5E00 89SR=LT5E00 90SR=0.3E01	95787	LT2E01	LT2E01	LT2E01	NA
COLORADO SPGS COLO - SINTON DAIRY CO COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.2E00	96135	LT2E01	ND	LT2E01	NA
COLORADO SPGS COLO - SINTON DAIRY CO COLLECTED 12/24/70 0800 SIZE 3.50 L SB K=1.2E00	96119	LT2E01	ND	LT2E01	NA
COLORADO SPGS COLO - SINTON DAIRY CO COLLECTED 12/25/70 0600 SIZE 3.50 L SB K=1.2E00	96144	LT2E01	ND	LT2E01	NA
COLORADO SPGS COLO - SINTON DAIRY CO COLLECTED 12/26/70 0600 SIZE 3.50 L SB K=1.4E00	96110	LT2E01	ND	LT2E01	NA
COLORADO SPGS COLO - SINTON DAIRY CO COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.0E00	96118	LT2E01	ND	LT2E01	NA
COLORADO SPGS COLO - SINTON DAIRY CO COLLECTED 12/28/70 0600 SIZE 3.50 L SB K=1.1E00	96130	LT2E01	ND	LT2E01	NA
CRAIG COLO - YAMPA VALLEY DAIRY COLLECTED 12/19/70 0600 SIZE 3.50 L SB K=1.3E00 89SR=LT5E00 90SR=0.5E01	95791	LT2E01	LT2E01	LT2E01	NA
CRAIG COLO - YAMPA VALLEY DAIRY COLLECTED 01/03/71 1100 SIZE 3.50 L SB K=1.3E00	96482	LT2E01	ND	LT2E01	NA
CRAIG COLO - YAMPA VALLEY DAIRY COLLECTED 01/07/71 0500 SIZE 3.50 L SB K=1.2E00	96387	LT2E01	ND	LT2E01	NA

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BANEBERRY ACCUMULATIVE COLORADO MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
CRAIG COLO - YAMPA VALLEY DAIRY COLLECTED 01/08/71 1000 SIZE 3.50 L SB K=1.5E00	96483	LT2E01	ND	LT2E01	NA
CRAIG COLO - YAMPA VALLEY DAIRY COLLECTED 01/10/71 0600 SIZE 3.50 L SB K=1.4E00	96527	LT2E01	ND	LT2E01	NA
CRAIG COLO - YAMPA VALLEY DAIRY COLLECTED 01/11/71 1100 SIZE 3.50 L SB K=1.2E00	96675	LT2E01	ND	LT2E01	NA
CRAIG COLO - YAMPA VALLEY DAIRY COLLECTED 01/17/71 0600 SIZE 3.50 L SB K=1.3E00	96774	LT1E01	ND	LT1E01	NA
DURANGO COLO - CLOVER RICH DAIRY COLLECTED 12/20/70 1800 SIZE .400 L SB K=1.9E00 89SR=LT5E00 90SR=0.6E01	95529	LT2E02	LT2E02	LT2E02	NA
DURANGO COLO - CLOVER RICH DAIRY COLLECTED 12/26/70 0600 SIZE 3.50 L SB K=1.7E00	96037	LT2E01	ND	LT2E01	NA
FT COLLINS COLO - POUDRE VALLEY DAIRY COLLECTED 12/21/70 0600 SIZE 3.50 L SB K=1.0E00	95804	LT2E01	LT2E01	LT2E01	NA
FT COLLINS COLO - POUDRE VALLEY DAIRY COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.4E00	95978	LT2E01	ND	LT2E01	NA
FT COLLINS COLO - POUDRE VALLEY DAIRY COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.3E00 89SR=LT5E00 90SR=0.4E01	95789	LT2E01	LT2E01	LT2E01	NA
FT COLLINS COLO - POUDRE VALLEY DAIRY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.2E00	96036	LT2E01	ND	LT2E01	NA

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BANEBERRY ACCUMULATIVE COLORADO MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
FT COLLINS COLO - POUDRE VALLEY DAIRY	96038	LT2E01	ND	LT2E01	NA
COLLECTED 12/25/70 0600 SIZE 3.50 L SB					
K=1.2E00					
FT COLLINS COLO - POUDRE VALLEY DAIRY	96021	LT2E01	ND	LT2E01	NA
COLLECTED 12/26/70 0600 SIZE 3.50 L SB					
K=1.2E00					
FT COLLINS COLO - POUDRE VALLEY DAIRY	96064	LT2E01	ND	LT2E01	NA
COLLECTED 12/27/70 0600 SIZE 3.50 L SB					
K=1.0E00					
GLENWOOD SPGS COLO - GLENWOOD CREAMERY	95532	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 0600 SIZE 3.50 L SB					
K=1.0E00 89SR=LT5E00					
90SR=0.4E01					
GLENWOOD SPGS COLO - GLENWOOD CREAMERY	95788	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/22/70 0600 SIZE 3.50 L SB					
K=1.4E01					
GLENWOOD SPGS COLO - GLENWOOD CREAMERY	95962	LT2E01	ND	LT2E01	NA
COLLECTED 12/23/70 0600 SIZE 3.50 L SB					
K=1.4E00					
GLENWOOD SPGS COLO - GLENWOOD CREAMERY	95992	LT2E01	ND	LT2E01	NA
COLLECTED 12/26/70 0600 SIZE 3.50 L SB					
K=1.0E00					
GLENWOOD SPGS COLO - GLENWOOD CREAMERY	95983	LT2E01	ND	LT2E01	NA
COLLECTED 12/27/70 0600 SIZE 3.50 L SB					
K=1.0E00					
GRAND JCT COLO - CLYMER'S DAIRY	95639	LT2E01	LT2E01	ND	NA
COLLECTED 12/23/70 0600 SIZE 3.50 L SB					
K=1.0E00 89SR=LT5E00					
90SR=0.6E01					
GRAND JCT COLO - CLYMER'S DAIRY	95790	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/24/70 0600 SIZE 3.50 L SB					
K=1.1E00					

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BANEBERRY ACCUMULATIVE COLORADO MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
GRAND JCT COLO - CLYMER'S DAIRY	95868	LT2E01	ND	LT2E01	NA
COLLECTED 12/25/70 0600 SIZE 3.50 L SB					
K=1.2E00					
GRAND JCT COLO - CLYMER'S DAIRY	95864	LT2E01	ND	LT2E01	NA
COLLECTED 12/26/70 0600 SIZE 3.50 L SB					
K=1.2E00					
ROCKY FORD COLO - ROCKY FORD COOP	95678	LT2E01	LT2E01	ND	NA
COLLECTED 12/21/70 1800 SIZE 3.50 L SB					
K=1.3E00 89SR=LT5E00					
90SR=0.3E01					
ROCKY FORD COLO - ROCKY FORD COOP	95801	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/22/70 1800 SIZE 3.50 L SB					
K=1.1E00					
ROCKY FORD COLO - ROCKY FORD COOP	95858	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/23/70 1800 SIZE 2.88 L SB					
K=1.6E00					
ROCKY FORD COLO - ROCKY FORD COOP	95870	LT2E01	ND	LT2E01	NA
COLLECTED 12/25/70 0600 SIZE 3.20 L SB					
K=1.0E00					
ROCKY FORD COLO - ROCKY FORD COOP	95867	LT2E01	ND	LT2E01	NA
COLLECTED 12/26/70 0600 SIZE 3.50 L SB					
K=1.2E00					
ROCKY FORD COLO - ROCKY FORD COOP	96030	LT2E01	ND	LT2E01	NA
COLLECTED 12/27/70 0600 SIZE 3.50 L SB					
K=1.1E00					
ROCKY FORD COLO - ROCKY FORD COOP	96032	LT2E01	ND	LT2E01	NA
COLLECTED 12/28/70 0600 SIZE 3.50 L SB					
K=1.0E00					
SALIDA COLO - MONARCH DAIRY	95991	LT2E01	ND	LT2E01	NA
COLLECTED 12/23/70 1800 SIZE 3.50 L SB					
K=1.5E00					

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BANEBERRY ACCUMULATIVE COLORADO MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
SALIDA COLO - MONARCH DAIRY	95869	LT2E01	ND	LT2E01	NA
COLLECTED 12/26/70 0600 SIZE 3.50 L SB					
K=1.2E00 89SR=LT5E00					
90SR=0.2E01					

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BANEBERRY ACCUMULATIVE IDAHO MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
BOISE IDA - IDAHO CREAMERIES	95317	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/20/70 1800 SIZE 3.50 L SB					
K=1.3E00 89SR=LT5E00					
90SR=0.3E01					
BOISE IDA - IDAHO CREAMERIES	95792	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 1800 SIZE 3.50 L SB					
K=1.5E00					
BOISE IDA - IDAHO CREAMERIES	95982	LT2E01	ND	LT2E01	NA
COLLECTED 12/22/70 1800 SIZE 3.50 L SB					
K=1.4E00					
BOISE IDA - IDAHO CREAMERIES	95646	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/23/70 0600 SIZE 2.90 L SB					
K=1.0E00 89SR=LT5E00					
90SR=0.3E01					
BOISE IDA - IDAHO CREAMERIES	95990	LT2E01	ND	LT2E01	NA
COLLECTED 12/23/70 1800 SIZE 2.90 L SB					
K=1.3E00					
BOISE IDA - IDAHO CREAMERIES	95984	LT2E01	ND	LT2E01	NA
COLLECTED 12/24/70 1800 SIZE 2.70 L SB					
K=1.5E00					
BOISE IDA - IDAHO CREAMERIES	95969	LT2E01	ND	LT2E01	NA
COLLECTED 12/25/70 1800 SIZE 3.50 L SB					
K=1.1E00					
BOISE IDA - IDAHO CREAMERIES	95975	LT3E01	ND	LT3E01	NA
COLLECTED 12/26/70 1800 SIZE 2.50 L SB					
K=1.5E00					
BOISE IDA - IDAHO CREAMERIES	96164	LT2E01	ND	LT2E01	NA
COLLECTED 12/28/70 0600 SIZE 3.50 L SB					
K=1.0E00					
BUHL IDA - SMITHS DAIRY PRODUCTS	95724	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/20/70 1800 SIZE 3.50 L SB					
K=1.5E00 89SR=LT5E00					
90SR=0.6E01					

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BANEBERRY ACCUMULATIVE IDAHO MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
BUHL IDA - SMITHS DAIRY PRODUCTS COLLECTED 12/22/70 1800 SIZE 3.50 L SB K=1.3E00	95786	LT2E01	LT2E01	LT2E01	NA
BUHL IDA - SMITHS DAIRY PRODUCTS COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.2E00	96092	LT2E01	ND	LT2E01	NA
BUHL IDA - SMITHS DAIRY PRODUCTS COLLECTED 12/25/70 1800 SIZE 3.50 L SB K=1.0E00	96014	LT2E01	ND	LT2E01	NA
BURLEY IDA STOKERS JERSEY FARM COLLECTED 12/25/70 0900 SIZE 3.50 L SB K=1.0E00	96089	LT2E01	ND	LT2E01	NA
BURLEY IDA STOKER'S JERSEY FARM COLLECTED 12/21/70 1800 SIZE 3.50 L SB K=1.2E00 89SR=LT5E00 90SR=0.5E01	95535	LT2E01	LT2E01	LT2E01	NA
BURLEY IDA STOKER'S JERSEY FARM COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.1E00	95701	LT2E01	LT2E01	LT2E01	NA
BURLEY IDA STOKER'S JERSEY FARM COLLECTED 12/23/70 0600 SIZE .400 L SB K=1.9E00	95848	LT2E02	LT2E02	LT2E02	NA
BURLEY IDA STOKER'S JERSEY FARM COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.3E00	95844	LT2E01	LT2E01	LT2E01	NA
BURLEY IDA STOKER'S JERSEY FARM COLLECTED 12/26/70 0430 SIZE 3.50 L SB K=1.3E00	96067	LT2E01	ND	LT2E01	NA
BURLEY IDA STOKER'S JERSEY FARM COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.4E00	96026	LT2E01	ND	LT2E01	NA
BURLEY IDA STOKER'S JERSEY FARM COLLECTED 12/28/70 0600 SIZE 3.50 L SB K=1.3E00	96039	LT2E01	ND	LT2E01	NA

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BANEBERRY ACCUMULATIVE IDAHO MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
COEUR D'ALENE IDA - COEUR D'ALENE CRMY COLLECTED 12/19/70 1800 SIZE 3.50 L SB K=1.4E00	95807	LT2E01	LT2E01	LT2E01	NA
COEUR D'ALENE IDA - COEUR D'ALENE CRMY COLLECTED 12/21/70 1800 SIZE 3.50 L SB K=1.3E00 89SR=LT5E00 90SR=0.8E01	95799	LT2E01	LT2E01	LT2E01	NA
COEUR D'ALENE IDA - COEUR D'ALENE CRMY COLLECTED 12/22/70 1800 SIZE 3.50 L SB K=1.2E00	95795	LT2E01	LT2E01	LT2E01	NA
COEUR D'ALENE IDA - COEUR D'ALENE CRMY COLLECTED 12/23/70 1800 SIZE 2.70 L SB K=1.6E00	96018	LT2E01	ND	LT2E01	NA
COEUR D'ALENE IDA - COEUR D'ALENE CRMY COLLECTED 12/24/70 1800 SIZE .400 L SB	96019	LT2E02	ND	LT2E02	NA
COEUR D'ALENE IDA - COEUR D'ALENE CRMY COLLECTED 12/25/70 1800 SIZE 3.50 L SB K=1.0E00	96029	LT2E01	ND	LT2E01	NA
COEUR D'ALENE IDA - COEUR D'ALENE CRMY COLLECTED 12/30/70 0600 SIZE 3.50 L SB K=1.0E00	96238	LT2E01	ND	LT2E01	NA
COEUR D'ALENE IDA - COEUR D'ALENE CRMY COLLECTED 12/31/70 0600 SIZE 3.50 L SB K=1.5E00	96239	LT2E01	ND	LT2E01	NA
COEUR D'ALENE IDA - COEUR D'ALENE CRMY COLLECTED 01/01/71 0600 SIZE 3.50 L SB K=1.4E00	96240	LT2E01	ND	LT2E01	NA
COEUR D'ALENE IDA - COEUR D'ALENE CRMY COLLECTED 01/01/71 0600 SIZE 3.50 L SB K=1.2E00	96476	LT2E01	ND	LT2E01	NA
COEUR D'ALENE IDA - COEUR D'ALENE CRMY COLLECTED 01/02/71 0600 SIZE .400 L SB	96477	LT1E02	ND	LT1E02	NA

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BANEBERRY ACCUMULATIVE IDAHO MILK RESULTS

LOCATION	LAB=NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
COEUR D'ALENE IDA - COEUR D'ALENE CRMY COLLECTED 01/03/71 0600 SIZE .400 L SB	96478	LT1E02	ND	LT1E02	NA
COEUR D'ALENE IDA - COEUR D'ALENE CRMY COLLECTED 01/05/71 0600 SIZE .400 L SB	96479	LT1E02	ND	LT1E02	NA
IDAHO FALLS IDA - WALLACE DAIRY COLLECTED 12/19/70 0600 SIZE 3.50 L SB K=1.2E00	95714	LT2E01	LT2E01	LT2E01	NA
IDAHO FALLS IDA - WALLACE DAIRY COLLECTED 12/20/70 0600 SIZE 3.50 L SB K=1.3E00 89SR=LT5E00 90SR=0.6E01	95655	LT2E01	LT2E01	LT2E01	NA
IDAHO FALLS IDA - WALLACE DAIRY COLLECTED 12/25/70 0600 SIZE 3.50 L SB K=1.2E00	96013	LT2E01	ND	LT2E01	NA
IDAHO FALLS IDA - WALLACE DAIRY COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.3E00	96028	LT2E01	ND	LT2E01	NA
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 12/20/70 0600 SIZE 3.50 L SB K=1.1E00 89SR=LT5E00 90SR=0.6E01	95524	LT2E01	LT2E01	LT2E01	NA
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 12/21/70 0600 SIZE 3.50 L SB K=1.4E00	95709	LT2E01	LT2E01	LT2E01	NA
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.4E00	95980	LT2E01	ND	LT2E01	NA
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.4E00	95861	LT2E01	LT2E01	LT2E01	NA
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 12/24/70 1800 SIZE 3.50 L SB K=1.3E00 89SR=LT5E00 90SR=0.5E01	95866	3.0E01	ND	LT2E01	LT4E02

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BANEBERRY ACCUMULATIVE IDAHO MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 12/25/70 1800 SIZE 3.50 L SB K=1.1E00 89SR=LT5E00 90SR=0.2E01	95874	4.0E01	ND	LT2E01	LT4E02
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 12/29/70 1800 SIZE 3.50 L SB K=1.3E00	96150	LT2E01	ND	LT2E01	NA
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 12/30/70 1800 SIZE 3.50 L SB K=1.4E00	96161	LT2E01	ND	LT2E01	NA
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 12/31/70 0600 SIZE 3.50 L SB K=1.2E00	96236	LT2E01	ND	LT2E01	NA
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 01/01/71 0600 SIZE 3.50 L SB K=1.3E00	96237	LT2E01	ND	LT2E01	NA
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 01/02/71 1800 SIZE 3.50 L SB K=1.5E00	96309	LT2E01	ND	LT2E01	NA
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 01/03/71 1800 SIZE 3.50 L SB K=1.3E00	96310	LT2E01	ND	LT2E01	NA
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 01/04/71 1800 SIZE 3.50 L SB K=1.3E00	96358	LT2E01	ND	LT2E01	NA
POCATELLO IDA - WARDS DAIRY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.2E00	95865	LT2E01	ND	LT2E01	NA
POCATELLO IDA - WARDS DAIRY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.0E00 89SR=LT5E00 90SR=0.4E01	95856	LT2E01	LT2E01	LT2E01	NA

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BANEBERRY ACCUMULATIVE IDAHO MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
POCATELLO IDA - WARDS DAIRY	96163	LT2E01	ND	LT2E01	NA
COLLECTED 12/30/70 0600 SIZE 3.50 L SB					
K=1.3E00					
POCATELLO IDA - WARDS DAIRY	96165	LT2E01	ND	LT2E01	NA
COLLECTED 12/30/70 0800 SIZE 3.50 L SB					
K=1.3E00					

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
ALAMO NEV KAY WRIGHT DAIRY	93837	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/19/70 1025 SIZE 3.50 L 6992					
K=1.5E00					
ALAMO NEV KAY WRIGHT DAIRY	95049	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/20/70 0930 SIZE 3.50 L 6992					
K=1.1E00					
ALAMO NEV KAY WRIGHT DAIRY	95251	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 0600 SIZE 3.50 L 6992					
K=1.0E00					
ALAMO NEV KAY WRIGHT DAIRY	95408	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 0800 SIZE 3.50 L 6992					
K=1.4E00					
AUSTIN NEV - YOUNG'S RANCH	95183	9.0E01	1.5E03	LT2E01	1.3E03
COLLECTED 12/19/70 1800 SIZE 3.50 L 1932					
K=1.4E00 89SR=LT5E00					
90SR=0.2E01					
AUSTIN NEV - YOUNG'S RANCH	95412	1.4E02	3.9E02	LT2E01	1.4E03
COLLECTED 12/21/70 1230 SIZE 3.50 L 1932					
K=1.3E00					
AUSTIN NEV - YOUNG'S RANCH	95411	1.0E02	2.0E02	LT2E01	6.9E02
COLLECTED 12/22/70 0600 SIZE 3.50 L 1932					
K=1.3E00 89SR=LT5E00					
90SR=0.5E01					
AUSTIN NEV - YOUNG'S RANCH	95629	6.0E01	5.0E01	LT2E00	NA
COLLECTED 12/23/70 0600 SIZE 3.50 L 1932					
K=1.7E00					
AUSTIN NEV - YOUNG'S RANCH	95735	6.0E01	LT2E01	LT2E01	6.9E02
COLLECTED 12/24/70 0600 SIZE 3.50 L 1932					
K=1.5E00 89SR=LT5E00					
90SR=0.5E01					
AUSTIN NEV - YOUNG'S RANCH	95901	4.0E01	ND	LT2E01	8.9E02
COLLECTED 12/25/70 0600 SIZE 3.50 L 1932					
K=1.6E00 89SR=LT5E00					
90SR=0.5E01					

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
AUSTIN NEV - YOUNG'S RANCH COLLECTED 12/26/70 0600 SIZE 3.50 L 1932 K=1.0E00 89SR=LT5E00 90SR=0.5E01	95908	3.0E01	ND	LT2E01	1.2E03
AUSTIN NEV - YOUNG'S RANCH COLLECTED 12/27/70 0600 SIZE 3.50 L 1932 K=1.0E00	95907	LT2E01	ND	LT2E01	NA
AUSTIN NEV - YOUNG'S RANCH COLLECTED 12/28/70 0600 SIZE 3.50 L 1932 K=1.5E00	96054	3.0E01	ND	LT2E01	NA
AUSTIN NEV - YOUNG'S RANCH COLLECTED 12/29/70 0600 SIZE 3.50 L 1932 K=1.1E00	96051	3.0E01	ND	LT2E01	NA
AUSTIN NEV - TRIPLE T RANCH COLLECTED 12/19/70 0600 SIZE 3.50 L 6292 K=1.3E00	93971	LT2E01	LT2E01	LT2E01	NA
AUSTIN NEV - TRIPLE T RANCH COLLECTED 12/19/70 1800 SIZE 3.50 L 1222 K=1.6E00 89SR=LT5E00 90SR=0.3E01	95184	2.6E01	2.8E02	LT2E01	5.6E02
AUSTIN NEV - TRIPLE T RANCH COLLECTED 12/21/70 1200 SIZE 3.50 L 1222 K=1.4E00	95439	LT2E01	LT2E01	4.0E01	NA
AUSTIN NEV - TRIPLE T RANCH COLLECTED 12/22/70 0905 SIZE 3.50 L 1222 K=1.2E00	95410	LT2E01	LT2E01	2.0E01	NA
AUSTIN NEV - TRIPLE T RANCH COLLECTED 12/23/70 0600 SIZE 3.50 L 1222 K=1.4E00	95622	LT2E01	LT2E01	LT2E01	NA
AUSTIN NEV - TRIPLE T RANCH COLLECTED 12/24/70 0600 SIZE 3.50 L 1222 K=1.5E00	95733	LT2E01	LT2E01	LT2E01	NA

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
AUSTIN NEV - TRIPLE T RANCH	95902	LT2E01	ND	4.0E01	NA
COLLECTED 12/25/70 0600 SIZE 3.50 L 1232					
K=1.4E00					
AUSTIN NEV - TRIPLE T RANCH	95900	LT2E01	ND	LT2E01	NA
COLLECTED 12/26/70 0600 SIZE 3.50 L 1232					
K=1.0E00					
AUSTIN NEV - TRIPLE T RANCH	95911	5.0E01	ND	LT2E01	6.6E02
COLLECTED 12/27/70 0600 SIZE 3.50 L 1232					
K=1.2E00 89SR=LT5E00					
90SR=0.3E01					
AUSTIN NEV - TRIPLE T RANCH	96055	LT2E01	ND	LT2E01	NA
COLLECTED 12/28/70 0600 SIZE 3.50 L 1222					
K=1.6E00					
AUSTIN NEV - TRIPLE T RANCH	96056	LT2E01	ND	3.0E01	NA
COLLECTED 12/29/70 0600 SIZE 3.50 L 1222					
K=1.5E00					
BEATTY NEV KIBBE RANCH	96170	LT2E01	ND	LT2E01	NA
COLLECTED 12/31/70 0615 SIZE 3.50 L					
K=1.1E00					
BEATTY NEV KIBBE RANCH	96264	LT2E01	ND	LT2E01	NA
COLLECTED 01/02/71 0600 SIZE 3.50 L 8992					
K=1.4E00					
BEATTY NEV KIBBE RANCH	96263	LT2E01	ND	LT2E01	NA
COLLECTED 01/04/71 0600 SIZE 3.50 L 8992					
K=1.0E00					
CURRANT NEV - BLUE EAGLE RANCH	93892	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/18/70 1800 SIZE 3.50 L 1932					
K=1.1E00					
CURRANT NEV - BLUE EAGLE RANCH	95174	2.6E01	1.9E02	LT2E01	LT4E02
COLLECTED 12/20/70 0600 SIZE 3.50 L 6992					
K=1.9E00 89SR=LT5E00					
90SR=0.4E01					

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
CURRANT NEV - BLUE EAGLE RANCH COLLECTED 12/21/70 1115 SIZE 3.50 L 6992 K=1.0E00 89SR=LT5E00 90SR=0.3E01	95413	LT2E01	6.0E01	LT2E01	5.6E02
CURRANT NEV - BLUE EAGLE RANCH COLLECTED 12/22/70 1030 SIZE 3.50 L 6992 K=1.4E00 89SR=LT5E00 90SR=0.3E01	95394	2.0E01	3.0E01	LT2E01	LT4E02
CURRANT NEV - BLUE EAGLE RANCH COLLECTED 12/22/70 1800 SIZE 3.50 L 6992 K=1.6E00	95618	LT2E01	LT2E01	LT2E01	NA
CURRANT NEV - BLUE EAGLE RANCH COLLECTED 12/23/70 1800 SIZE 3.50 L 6992 K=1.3E00	95757	LT2E01	LT2E01	LT2E01	NA
CURRANT NEV - BLUE EAGLE RANCH COLLECTED 12/27/70 1800 SIZE 3.50 L 6992 K=1.3E00 89SR=LT5E00 90SR=0.2E01	95927	2.0E01	ND	LT2E01	LT4E02
DUCKWATER NEV - HALSTEAD RANCH COLLECTED 12/19/70 0930 SIZE 3.50 L 6292 K=1.5E00 89SR=LT5E00 90SR=0.4E01	95018	LT2E01	1.0E02	LT2E01	LT4E02
DUCKWATER NEV - HALSTEAD RANCH COLLECTED 12/20/70 0600 SIZE 3.50 L 6792 K=1.6E00 89SR=LT5E00 90SR=0.4E01	95181	9.0E01	5.0E02	LT2E01	LT4E02
DUCKWATER NEV - HALSTEAD RANCH COLLECTED 12/21/70 1230 SIZE 3.50 L 6792 K=1.3E00 89SR=LT5E00 90SR=0.3E01	95414	7.0E01	1.9E02	LT2E01	LT4E02
DUCKWATER NEV - HALSTEAD RANCH COLLECTED 12/22/70 1130 SIZE 3.50 L 6792 K=1.1E00 89SR=LT5E00 90SR=0.3E01	95409	5.5E01	5.6E01	LT2E01	LT4E02

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
DUCKWATER NEV - HALSTEAD RANCH	95620	7.0E01	3.0E01	LT2E01	LT4E02
COLLECTED 12/23/70 0600 SIZE 3.50 L 6792					
K=1.2E00 89SR=LT5E00					
90SR=0.4E01					
DUCKWATER NEV - HALSTEAD RANCH	95754	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/24/70 0600 SIZE 3.50 L 6292					
K=1.3E00					
DUCKWATER NEV - HALSTEAD RANCH	95923	LT2E01	ND	LT2E01	NA
COLLECTED 12/25/70 0600 SIZE 3.00 L 6292					
K=1.3E00					
DUCKWATER NEV - HALSTEAD RANCH	95924	2.5E01	ND	LT2E01	LT4E02
COLLECTED 12/26/70 0600 SIZE 2.80 L 6292					
K=1.7E00 89SR=LT5E00					
90SR=0.3E01					
DUCKWATER NEV - HALSTEAD RANCH	95925	LT2E01	ND	LT2E01	NA
COLLECTED 12/27/70 0600 SIZE 2.70 L 6292					
K=1.7E00					
DUCKWATER NEV - HALSTEAD RANCH	95926	LT3E01	ND	LT3E01	NA
COLLECTED 12/28/70 0600 SIZE 2.50 L 6292					
K=1.0E00					
EUREKA NEV - MARTIN RANCH	95180	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/19/70 1800 SIZE 3.10 L 1932					
K=1.5E00					
EUREKA NEV - MARTIN RANCH	95415	2.1E02	7.0E02	LT2E01	7.3E02
COLLECTED 12/21/70 1500 SIZE 3.50 L 1932					
K=1.0E00 89SR=LT5E00					
90SR=0.5E01					
EUREKA NEV - MARTIN RANCH	95623	2.4E02	4.0E02	LT2E01	5.4E02
COLLECTED 12/22/70 0600 SIZE 3.50 L 1932					
K=1.5E00 89SR=LT5E00					
90SR=LT2E00					
EUREKA NEV - MARTIN RANCH	95621	1.0E02	8.0E01	LT2E01	5.8E02
COLLECTED 12/23/70 0600 SIZE 3.50 L 1932					
K=1.5E00 89SR=LT5E00					
90SR=0.2E01					

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB=NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
EUREKA NEV - MARTIN RANCH COLLECTED 12/24/70 0600 SIZE 3.50 L K=1.2E00 89SR=LT5E00 90SR=0.5E01	95732 1932	7.0E01	LT2E01	LT2E01	4.5E02
EUREKA NEV - MARTIN RANCH COLLECTED 12/25/70 0600 SIZE 3.50 L K=1.4E00 89SR=LT5E00 90SR=0.4E01	95899 1932	1.1E02	ND	4.0E01	7.2E02
EUREKA NEV - MARTIN RANCH COLLECTED 12/26/70 0600 SIZE 3.50 L K=1.1E00 89SR=LT5E00 90SR=0.5E01	95909 1932	4.0E01	ND	LT2E01	4.0E02
EUREKA NEV - MARTIN RANCH COLLECTED 12/27/70 0600 SIZE 3.50 L K=1.4E00 89SR=LT5E00 90SR=0.5E01	95910 1932	3.0E01	ND	LT2E01	1.5E03
EUREKA NEV - MARTIN RANCH COLLECTED 12/28/70 0600 SIZE 3.50 L K=1.5E00 89SR=LT5E00 90SR=0.7E01	96053 1932	5.0E01	ND	LT2E01	1.0E03
EUREKA NEV - MARTIN RANCH COLLECTED 12/29/70 0600 SIZE 3.50 L K=1.7E00	96052 1932	5.0E01	ND	LT2E01	LT4E02
FALLON NEV - CREAMLAND DAIRY COLLECTED 12/21/70 0600 SIZE 3.50 L K=1.1E00 89SR=LT5E00 90SR=0.2E01	95323 SB	LT2E01	LT2E01	LT2E01	NA
FALLON NEV - CREAMLAND DAIRY COLLECTED 12/22/70 0600 SIZE 3.50 L K=1.0E00	95726 SB	LT2E01	LT2E01	LT2E01	NA
FALLON NEV - CREAMLAND DAIRY COLLECTED 12/23/70 0600 SIZE .400 L K=1.5E00	95855 SB	LT2E02	LT2E02	LT2E02	NA

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
FALLON NEV - CREAMLAND DAIRY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.0E00	95682	LT2E01	LT2E01	LT2E01	NA
FALLON NEV - CREAMLAND DAIRY COLLECTED 12/24/70 0600 SIZE .400 L SB	95842	LT2E02	LT2E02	LT2E02	NA
FALLON NEV - CREAMLAND DAIRY COLLECTED 12/26/70 0600 SIZE 3.00 L SB K=1.3E00	95958	LT2E01	ND	LT2E01	NA
FALLON NEV - CREAMLAND DAIRY COLLECTED 12/29/70 SIZE .400 L SB K=1.1E00	96146	LT2E02	ND	LT2E02	NA
FALLON NEV - CREAMLAND DAIRY COLLECTED 12/30/70 0600 SIZE 3.50 L SB K=1.0E00	96122	LT2E01	ND	LT2E01	NA
FALLON NEV - CREAMLAND DAIRY COLLECTED 12/31/70 0600 SIZE 2.50 L SB K=1.2E00	96283	LT2E01	ND	LT2E01	NA
FALLON NEV - CREAMLAND DAIRY COLLECTED 01/02/71 0600 SIZE 2.50 L SB K=1.3E00	96284	LT2E01	ND	LT2E01	NA
GENOA NEV - MEADOW GOLD DAIRY COLLECTED 12/20/70 1800 SIZE 3.50 L SB K=1.5E00 89SR=LT5E00 90SR=0.3E01	95322	LT2E01	LT2E01	LT2E01	NA
GENOA NEV - MEADOW GOLD DAIRY COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.4E00	95843	LT2E01	LT2E01	LT2E01	NA
GENOA NEV - MEADOW GOLD DAIRY COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.2E00	95966	LT2E01	ND	LT2E01	NA
GENOA NEV - MEADOW GOLD DAIRY COLLECTED 12/23/70 1800 SIZE 3.50 L SB K=1.4E00	95974	LT2E01	ND	LT2E01	NA

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
GENOA NEV - MEADOW GOLD DAIRY COLLECTED 12/25/70 1800 SIZE 3.50 L SB K=1.2E00	96136	LT2E01	ND	LT2E01	NA
GENOA NEV - MEADOW GOLD DAIRY COLLECTED 12/27/70 1800 SIZE 3.50 L SB K=1.4E00	96128	LT2E01	ND	LT2E01	NA
HIKO NEV - SCHOFIELD DAIRY COLLECTED 12/19/70 1135 SIZE 3.50 L 6992 K=1.2E00	93838	LT2E01	LT2E01	LT2E01	NA
HIKO NEV - SCHOFIELD DAIRY COLLECTED 12/20/70 1010 SIZE 3.50 L 6992 K=1.2E00	95048	LT2E01	LT2E01	LT2E01	NA
HIKO NEV - SCHOFIELD DAIRY COLLECTED 12/21/70 0600 SIZE 3.50 L 6992 K=1.5E00	95237	LT2E01	LT2E01	LT2E01	NA
HIKO NEV - SCHOFIELD DAIRY COLLECTED 12/22/70 0855 SIZE 3.50 L 6992 K=1.5E00	95396	LT2E01	LT2E01	LT2E01	NA
LATHROP WELLS NEV EASTMAN RANCH COLLECTED 12/23/70 0600 SIZE 3.50 L 6992 K=1.0E00	95590	LT2E01	LT2E01	LT2E01	NA
LATHROP WELLS NEV EASTMAN RANCH COLLECTED 12/24/70 0930 SIZE 3.50 L 8992 K=1.4E00	95686	LT2E01	LT2E01	LT2E01	NA
LOGANDALE NEV - VEGAS VALLEY DAIRY COLLECTED 12/19/70 0600 SIZE 3.50 L 0002 K=1.2E00	93909	LT2E01	LT2E01	LT2E01	NA
LOGANDALE NEV - VEGAS VALLEY DAIRY COLLECTED 12/20/70 0600 SIZE 3.50 L 0002 K=1.2E00	95314	LT2E01	LT2E01	LT2E01	NA
LUND NEV MCKENZIE DAIRY COLLECTED 12/22/70 0600 SIZE 3.50 L 6942 K=1.3E00	95485	LT2E01	LT2E01	LT2E01	NA

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
LUND NEV - MCKENZIE DAIRY	93894	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/19/70 0600 SIZE 3.50 L 6992					
K=1.1E00					
LUND NEV - MCKENZIE DAIRY	95239	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/20/70 0600 SIZE 3.50 L 6942					
K=1.3E00					
LUND NEV - MCKENZIE DAIRY	95233	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 0600 SIZE 3.50 L 6942					
K=1.2E00					
MCGILL NEV - LARSEN RANCH	95487	3.0E01	3.0E01	LT2E01	LT4E02
COLLECTED 12/21/70 1800 SIZE 3.50 L 1922					
K=1.2E00 89SR=LT5E00					
90SR=0.3E01					
MCGILL NEV - LARSEN RANCH	95486	3.0E01	3.0E01	LT2E01	LT4E02
COLLECTED 12/22/70 0600 SIZE 3.50 L 1922					
K=1.4E00 89SR=LT5E00					
90SR=0.3E01					
MCGILL NEV - LARSEN RANCH	95627	2.0E01	LT2E01	LT2E01	LT4E02
COLLECTED 12/23/70 0600 SIZE 3.50 L 6992					
K=1.2E00 89SR=LT5E00					
90SR=0.2E01					
MESQUITE NEV - HUGHES BROS DAIRY	93908	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/19/70 0600 SIZE 3.20 L 6092					
K=1.3E00					
MESQUITE NEV - HUGHES BROS DAIRY	95313	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 1800 SIZE 3.50 L 9382					
K=1.4E00					
NYALA NEV - SHARP'S RANCH	93893	LT2E01	2.1E02	LT2E01	LT4E02
COLLECTED 12/19/70 0600 SIZE 3.50 L 6992					
K=1.4E00 89SR=LT5E00					
90SR=0.5E01					
NYALA NEV - SHARP'S RANCH	95173	3.0E01	2.3E02	LT2E01	LT4E02
COLLECTED 12/20/70 0600 SIZE 3.50 L 6992					
K=1.6E00 89SR=LT5E00					
90SR=0.3E01					

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
NYALA NEV - SHARP'S RANCH	95418	3.1E01	8.9E01	LT2E01	LT4E02
COLLECTED 12/21/70 1020 SIZE 3.50 L 6992					
K=1.1E00 89SR=LT5E00					
90SR=0.4E01					
NYALA NEV - SHARP'S RANCH	95417	LT2E01	2.0E01	LT2E01	LT4E02
COLLECTED 12/22/70 0945 SIZE 3.50 L 6992					
K=1.2E00 89SR=LT5E00					
90SR=0.4E01					
NYALA NEV - SHARP'S RANCH	95626	2.0E01	2.0E01	LT2E01	LT4E02
COLLECTED 12/23/70 0600 SIZE 3.50 L 6992					
K=1.4E00 89SR=LT5E00					
90SR=0.3E01					
NYALA NEV - SHARP'S RANCH	95756	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/24/70 0600 SIZE 3.50 L 6992					
K=1.1E00					
NYALA NEV - SHARP'S RANCH	95922	LT2E01	ND	LT2E01	NA
COLLECTED 12/28/70 0600 SIZE 3.50 L 6992					
K=1.5E00					
PANACA NEV - KENNETH LEE RANCH	95044	LT2E01	4.0E01	LT2E01	LT4E02
COLLECTED 12/20/70 0600 SIZE 3.50 L 6992					
K=1.0E00 89SR=LT5E00					
90SR=0.5E01					
PANACA NEV - KENNETH LEE RANCH	95242	4.0E01	1.3E02	LT2E01	LT4E02
COLLECTED 12/21/70 0600 SIZE 3.50 L 6992					
K=1.3E00 89SR=LT5E00					
90SR=0.4E01					
PANACA NEV - KENNETH LEE RANCH	95393	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/22/70 1035 SIZE 3.50 L 6992					
K=1.0E01					
RENO NEV - ANDERSON DAIRY	95692	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 0600 SIZE 3.50 L SB					
K=1.2E00 89SR=LT5E00					
90SR=0.5E01					

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
RENO NEV - ANDERSON DAIRY COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.4E00	95693	LT2E01	LT2E01	LT2E01	NA
RENO NEV - ANDERSON DAIRY COLLECTED 12/22/70 1800 SIZE 3.50 L SB K=1.0E00	95891	LT2E01	ND	LT2E01	NA
RENO NEV - ANDERSON DAIRY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.2E00	95847	LT2E01	LT2E01	LT2E01	NA
RENO NEV - MODEL DAIRY COLLECTED 12/20/70 1800 SIZE 3.50 L SB K=1.0E00	95892	LT2E01	ND	LT2E01	NA
RENO NEV - MODEL DAIRY COLLECTED 12/21/70 1800 SIZE 3.50 L SB K=1.0E00	95890	LT2E01	ND	LT2E01	NA
RENO NEV - MODEL DAIRY COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.1E00	95893	LT2E01	ND	LT2E01	NA
RENO NEV - MODEL DAIRY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.4E00 89SR=LT5E00 90SR=0.3E01	95694	LT2E01	LT2E01	LT2E01	NA
RENO NEV - MODEL DAIRY COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.0E00	95873	LT2E01	ND	LT2E01	NA
RENO NEV - MODEL DAIRY COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.0E01	95965	LT2E01	ND	LT2E01	NA
RENO NEV - MODEL DAIRY COLLECTED 12/25/70 1800 SIZE 3.50 L SB K=1.2E00	95963	LT2E01	ND	LT2E01	NA
RENO NEV - MODEL DAIRY COLLECTED 12/25/70 1800 SIZE 3.50 L SB K=1.3E00	95976	LT2E01	ND	LT2E01	NA

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
RENO NEV - MODEL DAIRY COLLECTED 12/26/70 0600 SIZE 3.50 L SB K=1.4E00	95972	LT2E01	ND	LT2E01	NA
RENO NEV - MODEL DAIRY COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.0E00	95960	LT2E01	ND	LT2E01	NA
RENO NEV - MODEL DAIRY COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.0E00	95967	LT2E01	ND	LT2E01	NA
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/19/70 1800 SIZE 3.50 L 1922 K=1.1E00 89SR=LT5E00 90SR=0.1E02	95187	3.0E01	6.6E02	LT2E01	6.6E02
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/21/70 1015 SIZE 3.50 L 1922 K=1.1E00 89SR=LT5E00 90SR=0.7E01	95416	7.0E01	2.0E02	LT2E01	4.9E02
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/22/70 1010 SIZE 3.50 L 1922 K=1.1E00 89SR=LT5E00 90SR=0.5E01	95395	3.0E01	9.0E01	LT2E01	6.1E02
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/23/70 1300 SIZE 3.50 L 1922 K=1.4E00	95625	5.0E01	3.0E01	LT2E01	NA
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/24/70 0600 SIZE 3.50 L 1922 K=1.6E00 89SR=LT5E00 90SR=0.5E01	95734	4.0E01	LT2E01	LT2E01	6.0E02
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/25/70 0600 SIZE 3.50 L 1922 K=1.3E00 89SR=LT5E00 90SR=0.6E01	95898	3.0E01	ND	LT2E01	6.7E02
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/26/70 0600 SIZE 3.50 L 1922 K=1.0E00	95904	LT2E01	ND	LT2E01	NA

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
ROUND MT NEV - KARL BERG RANCH	95903	LT2E01	ND	LT2E01	NA
COLLECTED 12/27/70 0600 SIZE 3.50 L 1922					
K=1.1E00					
ROUND MT NEV - KARL BERG RANCH	96049	LT2E01	ND	LT2E01	NA
COLLECTED 12/28/70 0600 SIZE 3.30 L 1922					
K=1.0E00					
ROUND MT NEV - KARL BERG RANCH	96050	3.0E01	ND	LT2E01	4.7E02
COLLECTED 12/29/70 0600 SIZE 3.50 L 1922					
K=1.4E00					
SHOSHONE NEV - KIRKEBY RANCH	95017	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/19/70 1530 SIZE 3.50 L 6992					
K=1.3E00					
SHOSHONE NEV - KIRKEBY RANCH	95250	2.0E01	1.6E02	LT2E00	1.4E03
COLLECTED 12/20/70 0600 SIZE 3.50 L 1922					
K=1.2E00 89SR=LT5E00					
90SR=0.5E01					
SHOSHONE NEV - KIRKEBY RANCH	95234	4.0E01	8.8E01	LT2E01	1.1E03
COLLECTED 12/21/70 0600 SIZE 3.50 L 1922					
K=1.3E00 89SR=LT5E00					
90SR=0.6E01					
SHOSHONE NEV - KIRKEBY RANCH	95450	3.0E01	4.0E01	3.0E01	1.4E03
COLLECTED 12/22/70 1240 SIZE 3.50 L 1922					
K=1.3E00 89SR=LT5E00					
90SR=0.6E01					
SHOSHONE NEV - KIRKEBY RANCH	95624	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/23/70 0600 SIZE 3.50 L 2922					
K=1.4E00					
SPRINGDALE NEV SEIDENTOPF RCH	96168	LT2E01	ND	LT2E01	NA
COLLECTED 12/31/70 0600 SIZE .400 L					
K=1.7E00					
SPRINGDALE NEV SIEDENTOPF RANCH	96268	LT3E01	ND	LT3E01	NA
COLLECTED 01/02/71 0600 SIZE 2.50 L 6962					
K=1.2E00					

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
SPRINGDALE NEV SIEDENTOPF RANCH COLLECTED 01/04/71 0600 SIZE .400 L K=1.0E00	96266 6962	LT2E02	ND	LT2E01	NA
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/20/70 1800 SIZE 3.50 L K=1.4E00	95148 6192	3.4E02	1.8E03	LT2E01	1.2E03
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/21/70 0600 SIZE .400 L K=1.0E00	95182 6792	6.0E02	1.6E03	LT2E01	LT4E02
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/22/70 0600 SIZE 3.50 L K=1.0E00	95407 6792	5.2E02	6.9E02	4.0E01	LT4E02
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/23/70 0600 SIZE 3.50 L K=1.2E00	95589 6292	6.6E02	4.3E02	LT2E01	LT4E02
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/24/70 0700 SIZE 3.50 L K=1.3E00 89SR=LT5E00 90SR=LT2E00	95687 6292	6.5E02	1.4E02	LT2E01	5.1E02
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/25/70 0700 SIZE 3.50 L K=1.1E00 89SR=LT5E00 90SR=LT2E00	95905 6292	7.1E02	ND	LT2E01	LT4E02
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/26/70 0700 SIZE 3.50 L K=1.2E00 89SR=LT5E00 90SR=0.2E01	95897 6292	8.1E02	LT2E01	LT2E01	LT4E02
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/27/70 0700 SIZE 3.50 L K=1.5E00	95896 6292	8.1E02	ND	LT2E01	LT4E02
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/28/70 0700 SIZE 3.50 L K=1.0E00	95906 6292	7.3E02	ND	6.0E01	LT4E02

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
SPRINGDALE NEV - MCCURDY RANCH	96057	6.9E02	ND	LT2E01	6.3E02
COLLECTED 12/29/70 0730 SIZE 3.50 L 6292					
K=1.0E00 89SR=LT5E00					
90SR=0.2E01					
SPRINGDALE NEV - MCCURDY RANCH	96058	6.7E02	ND	LT2E01	6.9E02
COLLECTED 12/30/70 0730 SIZE 3.50 L 6292					
K=1.0E00 89SR=LT5E00					
90SR=0.2E01					
SPRINGDALE NEV - MCCURDY RANCH	96104	7.8E02	ND	LT2E01	LT4E02
COLLECTED 12/30/70 1230 SIZE 3.50 L					
K=1.0E00 89SR=LT5E00					
90SR=LT2E00					
SPRINGDALE NEV - MCCURDY RANCH	96123	6.7E02	ND	LT2E01	LT4E02
COLLECTED 12/31/70 0730 SIZE 3.50 L					
K=1.1E00 89SR=LT5E00					
90SR=LT2E00					
SPRINGDALE NEV - MCCURDY RANCH	96265	7.3E02	ND	LT2E01	LT4E02
COLLECTED 01/01/71 0600 SIZE 3.50 L 6292					
K=1.1E00					
SPRINGDALE NEV - MCCURDY RANCH	96267	6.6E02	ND	LT2E01	LT4E02
COLLECTED 01/02/71 0730 SIZE 3.50 L 6292					
K=1.1E00					
SPRINGDALE NEV - MCCURDY RANCH	96261	4.5E02	ND	LT2E01	NA
COLLECTED 01/03/71 0730 SIZE 3.50 L 6292					
K=1.1E00					
SPRINGDALE NEV - MCCURDY RANCH	96262	4.9E02	ND	LT2E02	LT4E02
COLLECTED 01/04/71 0600 SIZE 3.50 L 6292					
K=1.2E00					
SPRINGDALE NEV - MCCURDY RANCH	96351	4.7E02	ND	LT1E01	7.5E02
COLLECTED 01/05/71 0600 SIZE 3.50 L 8792					
K=1.1E00 89SR=LT5E00					
90SR=LT2E00					
SPRINGDALE NEV - MCCURDY RANCH	96350	3.3E02	ND	LT1E01	LT4E02
COLLECTED 01/06/71 0600 SIZE 3.50 L 8792					
K=1.4E00					

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
SPRINGDALE NEV - MCCURDY RANCH	96498	3.3E02	ND	LT1E01	LT4E02
COLLECTED 01/07/71 0600 SIZE 3.50 L 6292					
K=1.2E00					
SPRINGDALE NEV - MCCURDY RANCH	96401	2.3E02	ND	LT1E01	LT4E02
COLLECTED 01/08/71 0600 SIZE 3.50 L 6292					
K=1.0E00					
SPRINGDALE NEV - MCCURDY RANCH	96501	2.2E02	ND	LT2E01	LT4E02
COLLECTED 01/09/71 0600 SIZE 3.50 L 8792					
K=1.1E00 89SR=LT5E00					
90SR=LT2E00					
SPRINGDALE NEV - MCCURDY RANCH	96500	2.5E02	ND	LT2E01	LT4E02
COLLECTED 01/10/71 0600 SIZE 3.50 L 8792					
K=1.2E00 89SR=LT5E00					
90SR=LT2E00					
SPRINGDALE NEV - MCCURDY RANCH	96499	2.3E02	ND	LT2E01	LT4E02
COLLECTED 01/11/71 0600 SIZE 3.10 L 8792					
K=1.0E00 89SR=LT5E00					
90SR=0.2E01					
SPRINGDALE NEV - MCCURDY RANCH	96596	2.4E02	ND	LT2E01	LT4E02
COLLECTED 01/12/71 0630 SIZE 3.50 L 6292					
K=1.0E00					
SPRINGDALE NEV - MCCURDY RANCH	96720	2.2E02	ND	LT1E01	LT4E02
COLLECTED 01/15/71 0630 SIZE .400 L 6292					
K=1.0E00					
SPRINGDALE NEV - MCCURDY RANCH	96764	1.1E02	ND	LT1E01	LT4E02
COLLECTED 01/18/71 0600 SIZE 3.50 L 6292					
K=1.2E00 89SR=LT5E00					
90SR=0.2E01					
SPRINGDALE NEV - MCCURDY RANCH	96780	1.0E02	ND	LT1E01	4.6E02
COLLECTED 01/20/71 0630 SIZE 3.50 L 6292					
K=1.1E00 89SR=LT5E00					
90SR=LT2E00					

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
SPRINGDALE NEV - MCCURDY RANCH	96792	6.0E01	ND	LT1E01	LT4E02
COLLECTED 01/22/71 0600 SIZE 3.50 L 6292					
K=1.2E00 89SR=LT5E00					
90SR=LT2E00					
SPRINGDALE NEV - MCCURDY RANCH	96806	3.0E01	ND	LT1E01	LT4E02
COLLECTED 01/25/71 0630 SIZE 3.50 L 6292					
K=1.0E00 89SR=LT5E00					
90SR=LT2E00					
SPRINGDALE NEV - MCCURDY RANCH	96821	3.0E01	ND	LT1E01	LT4E02
COLLECTED 01/27/71 0615 SIZE 3.50 L 6292					
K=1.1E00 89SR=LT5E00					
90SR=0.2E01					
SPRINGDALE NEV - MCCURDY RANCH	96845	3.0E01	ND	LT1E01	LT4E02
COLLECTED 01/29/71 0630 SIZE 3.50 L 6292					
K=1.4E00 89SR=LT5E00					
90SR=LT2E00					
SPRINGDALE NEV - MCCURDY RANCH	96883	1.0E01	ND	LT1E01	5.7E02
COLLECTED 02/01/71 0630 SIZE 3.50 L 6292					
K=1.3E00 89SR=LT5E00					
90SR=LT2E00					
SPRINGDALE NEV - MCCURDY RANCH	96986	LT1E01	ND	LT1E01	NA
COLLECTED 02/03/71 0600 SIZE 3.50 L 6292					
K=1.0E00 NO					
CHEM					
SPRINGDALE NEV - MCCURDY RANCH	98098	LT1E01	ND	LT1E01	NA
COLLECTED 02/05/71 0615 SIZE 3.50 L 6292					
K=1.3E00 NO					
CHEM					
SPRINGDALE NEV - MCCURDY RANCH	98207	LT1E01	ND	LT1E01	NA
COLLECTED 02/08/71 0630 SIZE 3.50 L 6292					
K=1.3E00 NO					
CHEM					
YERINGTON NEV - VALLEY DAIRY	95705	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 0600 SIZE 3.50 L SB					
K=1.4E00 89SR=LT5E00					
90SR=0.2E01					

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BANEBERRY ACCUMULATIVE NEVADA MILK RESULTS

LOCATION	LAB=NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
YERINGTON NEV - VALLEY DAIRY	95852	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/22/70 1800 SIZE 3.50 L SB					
K=1.0E00					
YERINGTON NEV - VALLEY DAIRY	96149	LT2E01	ND	LT2E01	NA
COLLECTED 12/28/70 0600 SIZE 3.50 L SB					
K=1.2E00					

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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
CEDAR CITY UTAH - MEADOW GOLD DAIRY COLLECTED 12/20/70 0600 SIZE 3.50 L SB K=1.1E00	96075	LT2E01	ND	LT2E01	NA
CEDAR CITY UTAH - MEADOW GOLD DAIRY COLLECTED 12/21/70 0600 SIZE 3.50 L SB K=1.0E00	96076	LT2E01	ND	LT2E01	NA
CEDAR CITY UTAH - MEADOW GOLD DAIRY COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.2E00	96086	LT2E01	ND	LT2E01	NA
CEDAR CITY UTAH - MEADOW GOLD DAIRY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.1E00	96088	LT2E01	ND	LT2E01	NA
CEDAR CITY UTAH - MEADOW GOLD DAIRY COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.2E00	96087	LT2E01	ND	LT2E01	NA
CEDAR CITY UTAH - MEADOW GOLD DAIRY COLLECTED 12/25/70 0600 SIZE 3.50 L SB K=1.2E00	96077	LT2E01	ND	LT2E01	NA
CEDAR CITY UTAH - MEADOW GOLD DAIRY COLLECTED 12/26/70 0600 SIZE 3.50 L SB K=1.0E00	96078	LT2E01	ND	LT2E01	NA
DELTA UTAH J CLAYTON DAIRY COLLECTED 12/19/70 1800 SIZE 3.50 L 6992 K=1.3E00	95071	LT2E01	LT2E01	LT2E01	NA
DELTA UTAH J CLAYTON DAIRY COLLECTED 12/20/70 0600 SIZE 3.50 L 6992 K=1.3E00	95072	LT2E01	LT2E01	LT2E01	NA
DELTA UTAH JEFFERY CLAYTON DAIRY COLLECTED 12/21/70 1018 SIZE 3.50 L 6992 K=1.4E00	95278	LT2E01	LT2E01	LT2E00	NA
DELTA UTAH JEFFERY CLAYTON DAIRY COLLECTED 12/22/70 0810 SIZE 3.50 L 6992 K=1.5E00	95420	LT2E01	LT2E01	LT2E01	NA

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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
FILLMORE UTAH MRS SAM WADE DAIRY	95073	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/19/70 1800 SIZE 3.50 L 6992					
K=1.4E00					
FILLMORE UTAH MRS SAM WADE DAIRY	95277	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/20/70 1800 SIZE 3.50 L 6992					
K=1.5E00					
FILLMORE UTAH MRS SAM WADE DAIRY	95268	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 0600 SIZE 3.50 L 6992					
K=1.5E00					
FILLMORE UTAH MRS SAM WADE DAIRY	95419	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/22/70 0920 SIZE 3.50 L 6992					
K=1.0E00					
MILFORD UTAH BILL POWELL DAIRY	95276	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/19/70 1800 SIZE 3.50 L 6992					
K=1.4E00					
MILFORD UTAH BILL POWELL DAIRY	95275	LT2E01	LT2E01	LT2E00	NA
COLLECTED 12/20/70 1800 SIZE 3.50 L 6992					
K=1.2E00					
MILFORD UTAH BILL POWELL DAIRY	95272	LT2E01	LT2E01	LT2E00	NA
COLLECTED 12/21/70 0600 SIZE 3.50 L 6992					
K=1.2E00					
MILFORD UTAH BILL POWELL DAIRY	95421	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/22/70 1110 SIZE 3.50 L 6992					
K=1.0E00					
MINERSVILLE UTAH - MINERSVILLE DAIRY	95725	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 0600 SIZE 3.50 L SB					
K=1.4E00 89SR=LT5E00					
90SR=0.2E01					
MINERSVILLE UTAH - MINERSVILLE DAIRY	95973	LT2E01	ND	LT2E01	NA
COLLECTED 12/22/70 0600 SIZE 3.50 L SB					
K=1.0E00					
MINERSVILLE UTAH - MINERSVILLE DAIRY	95985	LT2E01	ND	LT2E01	NA
COLLECTED 12/23/70 0600 SIZE 3.50 L SB					
K=1.3E00					

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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
MINERSVILLE UTAH - MINERSVILLE DAIRY COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.1E00	95872	LT2E01	ND	LT2E01	NA
MINERSVILLE UTAH - MINERSVILLE DAIRY COLLECTED 12/26/70 0600 SIZE 3.50 L SB K=1.1E00	95971	LT2E01	ND	LT2E01	NA
MINERSVILLE UTAH - MINERSVILLE DAIRY COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.0E00	96080	LT2E01	ND	LT2E01	NA
MINERSVILLE UTAH - MINERSVILLE DAIRY COLLECTED 12/28/70 0600 SIZE 3.50 L SB K=1.1E00	96034	LT2E01	ND	LT2E01	NA
MT PLEASANT UTAH - BROOKLAWN CREAMERY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.5E00 89SR=LT5E00 90SR=0.6E01	95797	LT2E01	LT2E01	LT2E01	NA
MT PLEASANT UTAH - BROOKLAWN CREAMERY COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.6E00 89SR=LT5E00 90SR=0.4E01	95853	LT2E01	LT2E01	LT2E01	9.1E02
MT PLEASANT UTAH - BROOKLAWN CREAMERY COLLECTED 12/25/70 0600 SIZE 3.50 L SB K=1.1E00	95957	LT2E01	ND	LT2E01	NA
MT PLEASANT UTAH - BROOKLAWN CREAMERY COLLECTED 12/28/70 0600 SIZE 3.50 L SB K=1.0E00	96134	LT2E01	ND	LT2E01	NA
MT PLEASANT UTAH - BROOKLAWN CREAMERY COLLECTED 12/29/70 0600 SIZE 3.50 L SB K=1.0E00	96148	LT2E01	ND	LT2E01	NA
MT PLEASANT UTAH - BROOKLAWN CREAMERY COLLECTED 12/31/70 1100 SIZE 3.50 L SB K=1.5E00	96157	LT2E01	ND	LT2E01	NA

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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
MT PLEASANT UTAH - BROOKLAWN CREAMERY COLLECTED 01/01/71 0600 SIZE 3.50 L SB K=1.2E00	96304	LT2E01	ND	LT2E01	NA
MT PLEASANT UTAH - BROOKLAWN CREAMERY COLLECTED 01/02/71 0600 SIZE 3.50 L SB K=1.2E00	96305	LT2E01	ND	2.0E01	NA
MT PLEASANT UTAH - BROOKLAWN CREAMERY COLLECTED 01/03/71 0600 SIZE 3.50 L SB K=1.0E00	96306	LT2E01	ND	LT2E01	NA
MT PLEASANT UTAH - BROOKLAWN CREAMERY COLLECTED 01/04/71 0600 SIZE 3.50 L SB K=1.3E00	96307	LT2E01	ND	LT2E01	NA
NEWCASTLE UTAH - NEWCASTLE DAIRY COLLECTED 12/19/70 1800 SIZE 3.50 L 1732 K=1.2E00	93974	LT2E01	LT2E01	LT2E01	5.2E02
NEWCASTLE UTAH - NEWCASTLE DAIRY COLLECTED 12/21/70 0600 SIZE 3.50 L 1732 K=1.6E00	95315	LT2E01	LT2E01	LT2E01	NA
OGDEN UTAH - MAPLE LEAF DAIRY COLLECTED 12/21/70 0600 SIZE 3.50 L SB K=1.1E00	95713	LT2E01	LT2E01	LT2E01	NA
OGDEN UTAH - MAPLE LEAF DAIRY COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.0E00 89SR=LT5E00 90SR=0.6E01	95700	LT2E01	LT2E01	LT2E01	NA
OGDEN UTAH - MAPLE LEAF DAIRY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.0E00	95850	LT2E01	LT2E01	LT2E01	NA
OGDEN UTAH - MAPLE LEAF DAIRY COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.2E00	95871	LT2E01	ND	LT2E01	NA
OGDEN UTAH - MAPLE LEAF DAIRY COLLECTED 12/25/70 0600 SIZE 3.50 L SB K=1.2E00	96131	LT2E01	ND	3.0E01	NA

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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
OGDEN UTAH - MAPLE LEAF DAIRY	96108	LT2E01	ND	LT2E01	NA
COLLECTED 12/27/70 0600 SIZE 3.50 L SB					
K=1.0E00					
RICHFIELD UTAH - IDEAL DAIRY	95320	LT1E01	LT1E01	LT1E01	NA
COLLECTED 12/20/70 0600 SIZE 3.50 L SB					
K=1.4E00 89SR=LT5E00					
90SR=0.5E01					
RICHFIELD UTAH - IDEAL DAIRY	95862	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 1800 SIZE 3.50 L SB					
K=1.3E00					
RICHFIELD UTAH - IDEAL DAIRY	95798	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/23/70 1800 SIZE 3.50 L SB					
K=1.4E00					
RICHFIELD UTAH - IDEAL DAIRY	95989	LT2E01	ND	LT2E01	NA
COLLECTED 12/25/70 1800 SIZE 3.50 L SB					
K=1.4E00					
RICHFIELD UTAH - IDEAL DAIRY	96068	LT2E01	ND	LT2E01	NA
COLLECTED 12/27/70 0600 SIZE 3.50 L SB					
K=1.2E00					
ST GEORGE UTAH - R COX DAIRY	93972	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/19/70 1800 SIZE 3.50 L 6492					
K=1.2E00					
ST GEORGE UTAH - R COX DAIRY	95312	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/20/70 1800 SIZE 3.50 L 6492					
K=1.4E00					
ST GEORGE UTAH - ST GEORGE ICE CO	95710	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/20/70 1800 SIZE 3.50 L SB					
K=1.4E00 89SR=LT5E00					
90SR=0.3E01					
ST GEORGE UTAH - ST GEORGE ICE CO	96085	LT2E01	ND	LT2E01	NA
COLLECTED 12/24/70 0600 SIZE 3.50 L SB					
K=1.2E00					

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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
ST GEORGE UTAH - ST GEORGE ICE CO	96023	LT2E01	ND	LT2E01	NA
COLLECTED 12/26/70 1800 SIZE 3.50 L SB					
K=1.4E00 89SR=LT5E00					
90SR=0.2E01					
ST GEORGE UTAH - ST GEORGE ICE CO	96012	LT2E01	ND	LT2E01	NA
COLLECTED 12/27/70 0600 SIZE 3.50 L SB					
K=1.3E00					
ST GEORGE UTAH - ST GEORGE ICE CO	96156	LT2E01	ND	LT2E01	NA
COLLECTED 12/30/70 0630 SIZE 3.50 L SB					
K=1.2E00					
ST GEORGE UTAH - ST GEORGE ICE CO	96525	LT2E01	ND	LT2E01	NA
COLLECTED 01/05/71 1900 SIZE 3.50 L SB					
K=1.4E00					
ST GEORGE UTAH - ST GEORGE ICE CO	96526	LT2E01	ND	LT2E01	NA
COLLECTED 01/06/71 1800 SIZE 3.50 L SB					
K=1.2E00					
ST GEORGE UTAH - ST GEORGE ICE CO	96530	LT2E01	ND	LT2E01	NA
COLLECTED 01/07/71 1800 SIZE 3.50 L SB					
K=1.3E00					
ST GEORGE UTAH - ST GEORGE ICE CO	96529	LT2E01	ND	LT2E01	NA
COLLECTED 01/09/71 1800 SIZE 3.50 L SB					
K=1.4E00					
ST GEORGE UTAH - ST GEORGE ICE CO	96528	LT2E01	ND	LT2E01	NA
COLLECTED 01/10/71 1800 SIZE 3.50 L SB					
K=1.3E00					
SMITHFIELD UTAH - CACHE VALLEY DAIRY	95645	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/19/70 1800 SIZE 3.50 L SB					
K=1.4E00					
SMITHFIELD UTAH - CACHE VALLEY DAIRY	95643	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/20/70 1800 SIZE 3.50 L SB					
K=1.0E00 89SR=LT5E00					
90SR=0.6E01					

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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
SMITHFIELD UTAH - CACHE VALLEY DAIRY COLLECTED 12/21/70 1800 SIZE 3.50 L SB K=1.2E00	95970	LT2E01	ND	LT2E01	NA
SMITHFIELD UTAH - CACHE VALLEY DAIRY COLLECTED 12/22/70 1800 SIZE 3.50 L SB K=1.2E00	96070	LT2E01	ND	LT2E01	NA
SMITHFIELD UTAH - CACHE VALLEY DAIRY COLLECTED 12/23/70 1800 SIZE 3.50 L SB K=1.3E00	96031	LT2E01	ND	LT2E01	NA
SMITHFIELD UTAH - CACHE VALLEY DAIRY COLLECTED 12/24/70 1800 SIZE 3.50 L SB K=1.0E00	96027	LT2E01	ND	LT2E01	NA
SMITHFIELD UTAH - CACHE VALLEY DAIRY COLLECTED 12/25/70 1800 SIZE 3.50 L SB K=1.0E00	95977	LT2E01	ND	LT2E01	NA
SMITHFIELD UTAH - CACHE VALLEY DAIRY COLLECTED 12/26/70 1800 SIZE 3.50 L SB K=1.4E00	95988	LT2E01	ND	LT2E01	NA
SPANISH FORK UTAH - TOWN PRIDE DAIRY COLLECTED 12/20/70 0600 SIZE 3.50 L SB K=1.0E00 89SR=LT5E00 90SR=0.5E01	95652	LT2E01	LT2E01	LT2E01	NA
SPANISH FORK UTAH - TOWN PRIDE DAIRY COLLECTED 12/22/70 0600 SIZE 2.90 L SB K=1.0E01	95711	LT2E01	LT2E01	LT2E01	NA
SPANISH FORK UTAH - TOWN PRIDE DAIRY COLLECTED 12/23/70 0600 SIZE 2.50 L SB K=1.1E00	96117	LT2E01	ND	LT2E01	NA
SPANISH FORK UTAH - TOWN PRIDE DAIRY COLLECTED 12/26/70 0600 SIZE 3.50 L SB K=1.1E00	96113	LT2E01	ND	LT2E01	NA
SPANISH FORK UTAH - TOWN PRIDE DAIRY COLLECTED 12/28/70 0600 SIZE .400 L SB K=1.0E00	96121	LT2E01	ND	LT2E01	NA

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BANEBERRY ACCUMULATIVE UTAH MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
SPANISH FORK UTAH - TOWN PRIDE DAIRY COLLECTED 12/30/70 0600 SIZE 2.90 L SB K=1.5E00	96159	LT2E01	ND	LT2E01	NA
SPANISH FORK UTAH - TOWN PRIDE DAIRY COLLECTED 12/31/70 0600 SIZE 3.00 L SB K=1.4E00	96285	LT2E01	ND	LT2E01	NA

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BANEBERRY ACCUMULATIVE WYOMING MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
CASPER WYO - MEADOW GOLD DAIRIES	95812	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/23/70 1800 SIZE 3.50 L SB					
K=1.3E00 89SR=LT5E00					
90SR=0.5E01					
CASPER WYO - MEADOW GOLD DAIRIES	96120	LT2E01	ND	LT2E01	NA
COLLECTED 12/27/70 0600 SIZE 3.50 L SB					
K=1.0E00					
CASPER WYO - MEADOW GOLD DAIRIES	96359	LT2E01	ND	LT2E01	NA
COLLECTED 01/05/71 0600 SIZE 3.50 L SB					
K=1.2E00					
CHEYENNE WYO - DAIRY GOLD FOODS	95696	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/20/70 1800 SIZE 3.50 L SB					
K=1.4E00					
CHEYENNE WYO - DAIRY GOLD FOODS	95658	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 0600 SIZE 3.50 L SB					
K=1.0E00 89SR=LT5E00					
90SR=0.4E01					
CHEYENNE WYO - DAIRY GOLD FOODS	95851	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/21/70 1800 SIZE 3.50 L SB					
K=1.2E00					
CHEYENNE WYO - DAIRY GOLD FOODS	95846	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/22/70 1800 SIZE 3.50 L SB					
K=1.4E00					
CHEYENNE WYO - DAIRY GOLD FOODS	95849	LT2E01	LT2E01	LT2E01	NA
COLLECTED 12/23/70 1800 SIZE 3.50 L SB					
K=1.3E00					
CHEYENNE WYO - DAIRY GOLD FOODS	96140	LT2E01	ND	LT2E01	NA
COLLECTED 12/24/70 1800 SIZE 3.50 L SB					
K=1.1E00					
CHEYENNE WYO - DAIRY GOLD FOODS	96115	LT2E01	ND	LT2E01	NA
COLLECTED 12/28/70 0830 SIZE 3.50 L SB					
K=1.5E00					

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BANEBERRY ACCUMULATIVE WYOMING MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
LARAMIE WYOMING COLLECTED 12/30/70 SIZE 3.50 L 140BA=LT1E01 K=1.3E01 89SR=2.0E00 90SR=4.1E01	96106	1.0E01	ND	1.0E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 12/20/70 1800 SIZE 3.50 L SB K=1.4E00 89SR=LT5E00 90SR=0.6E01	95704	LT2E01	LT2E01	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 12/21/70 0600 SIZE 3.50 L SB K=1.2E00	95640	LT2E01	LT2E01	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.2E00	95656	LT2E01	LT2E01	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.5E00	95793	LT2E01	LT2E01	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.2E00 89SR=LT5E00 90SR=0.4E01	95859	4.0E01	LT2E01	LT2E01	8.9E02
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 12/26/70 0600 SIZE 3.50 L SB K=1.5E00	96093	LT2E01	ND	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.4E00	96114	LT2E01	ND	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.5E00	96147	LT2E01	ND	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 12/27/70 1800 SIZE 3.50 L SB K=1.2E00	96109	LT2E01	ND	3.0E01	NA

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BANEBERRY ACCUMULATIVE WYOMING MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 12/30/70 0830 SIZE 3.50 L SB K=1.4E00	96158	LT2E01	ND	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 12/31/70 0600 SIZE 3.50 L SB K=1.3E00	96243	LT2E01	ND	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 01/01/71 1800 SIZE 3.50 L SB K=1.2E00	96244	LT2E01	ND	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 01/01/71 1800 SIZE 3.50 L SB K=1.3E00	96245	LT2E01	ND	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 01/03/71 0600 SIZE 3.50 L SB K=1.4E00	96354	LT2E01	ND	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 01/04/71 0600 SIZE 3.50 L SB K=1.5E00	96355	LT2E01	ND	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 01/05/71 0600 SIZE 3.50 L SB K=1.2E00	96356	LT2E01	ND	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 01/06/71 0600 SIZE 3.50 L SB K=1.3E00	96480	LT2E01	ND	LT2E01	NA
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 01/07/71 0600 SIZE 3.50 L SB K=1.0E00	96481	LT2E01	ND	LT2E01	NA
RIVERTON WYO - MORNING STAR DAIRY COLLECTED 12/21/70 0600 SIZE 3.50 L SB K=1.4E00	95699	LT2E01	LT2E01	LT2E01	NA
RIVERTON WYO - MORNING STAR DAIRY COLLECTED 12/22/70 1800 SIZE 2.60 L SB K=1.5E00	95708	LT2E01	LT2E01	LT2E01	NA

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BANEBERRY ACCUMULATIVE WYOMING MILK RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/L	133I PCI/L	137CS PCI/L	3H PCI/L
RIVERTON WYO - MORNING STAR DAIRY COLLECTED 12/23/70 1800 SIZE 3.50 L SB K=1.3E00 89SR=LT5E00 90SR=0.6E01	96082	LT2E01	ND	LT2E01	LT4E02
RIVERTON WYO - MORNING STAR DAIRY COLLECTED 12/24/70 1800 SIZE 3.50 L SB K=1.5E00	96079	LT2E01	ND	LT2E01	NA
RIVERTON WYO - MORNING STAR DAIRY COLLECTED 12/27/70 0600 SIZE 3.50 L SB K=1.2E00	96020	LT2E01	ND	LT2E01	NA
RIVERTON WYO - MORNING STAR DAIRY COLLECTED 12/28/70 0600 SIZE 3.50 L SB K=1.3E00	96065	LT2E01	ND	LT2E01	NA
SHERIDAN WYO - JERSEY CREAMERY COLLECTED 12/21/70 0600 SIZE 3.50 L SB K=1.0E00 89SR=LT5E00 90SR=0.5E01	95531	LT2E01	LT2E01	LT2E01	NA
SHERIDAN WYO - JERSEY CREAMERY COLLECTED 12/22/70 0600 SIZE 3.50 L SB K=1.2E00	95721	LT2E01	LT2E01	LT2E01	NA
SHERIDAN WYO - JERSEY CREAMERY COLLECTED 12/23/70 0600 SIZE 3.50 L SB K=1.5E00	95800	LT2E01	LT2E01	LT2E01	NA
SHERIDAN WYO - JERSEY CREAMERY COLLECTED 12/24/70 0600 SIZE 3.50 L SB K=1.7E00	95803	LT2E01	LT2E01	LT2E01	NA
SHERIDAN WYO - JERSEY CREAMERY COLLECTED 12/28/70 0600 SIZE 3.50 L SB K=1.5E00	96141	LT2E01	ND	3.0E01	NA
SHERIDAN WYO - JERSEY CREAMERY COLLECTED 12/29/70 0600 SIZE 3.50 L SB K=1.2E00	96116	LT2E01	ND	LT2E01	NA

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BANEBERRY ACCUMULATIVE CALIFORNIA WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
CHICO CALIF - QUALITY DAIRY	95685	ND	ND	ND	ND
COLLECTED 12/22/70 1430 SIZE 3.50 L SB					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.3E01					
ALPHA=LT2E00					
HINKLEY CALIF - BILL NELSON DAIRY	95675	ND	ND	ND	ND
COLLECTED 12/23/70 1600 SIZE 3.50 L 6932					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=1.0E01					
ALPHA=1.1E01					
HINKLEY CALIF - BILL NELSON DAIRY	95750	ND	ND	ND	ND
COLLECTED 12/24/70 1435 SIZE 3.50 L 6932					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.4E01					
ALPHA=1.1E01					
INDEPENDENCE CALIF SMITH RANCH	95674	ND	ND	ND	ND
COLLECTED 12/23/70 1930 SIZE 3.50 L 6992					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=LT2E00					
ALPHA=LT2E00					
INDEPENDENCE CALIF SMITH RANCH	95671	ND	ND	ND	ND
COLLECTED 12/24/70 0830 SIZE 3.50 L 6992					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.2E01					
ALPHA=LT2E00					
LONE PINE CALIF - DIAZ LAKE	95677	ND	ND	ND	ND
COLLECTED 12/24/70 0730 SIZE 3.50 L 9192					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=1.1E01					
ALPHA=0.8E01					
OLANCHA CALIF HUNTER RANCH	95747	ND	ND	ND	ND
COLLECTED 12/24/70 1130 SIZE 3.50 L 6932					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.7E01					
ALPHA=0.6E01					

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BANEBERRY ACCUMULATIVE CALIFORNIA WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
SALINAS CALIF - BLUE RIBBON DAIRY	95642	ND	ND	ND	ND
COLLECTED 12/23/70 0900 SIZE 3.50 L SB					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.6E01					
ALPHA=0.5E01					

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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
ALAMO NEV KAY WRIGHT DAIRY	93836	ND	ND	ND	ND
COLLECTED 12/19/70 1045 SIZE 3.50 L 8432					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=1.8E01					
ALPHA=0.6E01					
ALAMO NEV KAY WRIGHT DAIRY	95045	ND	ND	ND	ND
COLLECTED 12/20/70 0925 SIZE 3.50 L 8432					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=1.5E01					
ALPHA=LT2E00					
ALAMO NEV KAY WRIGHT DAIRY	95238	ND	ND	ND	ND
COLLECTED 12/21/70 0830 SIZE 3.50 L 8432					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=1.4E01					
ALPHA=0.4E01					
ALAMO NEV KAY WRIGHT DAIRY	95431	ND	ND	ND	ND
COLLECTED 12/22/70 0820 SIZE 3.50 L 8432					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=1.7E01					
ALPHA=0.7E01					
AUSTIN NEV - YOUNG'S RANCH	95179	ND	ND	ND	ND
COLLECTED 12/20/70 1600 SIZE 3.50 L 9992					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.5E01					
ALPHA=LT2E00					
AUSTIN NEV - YOUNG'S RANCH	95444	ND	ND	ND	ND
COLLECTED 12/21/70 1230 SIZE 3.50 L 9992					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.6E01					
ALPHA=LT2E00					
AUSTIN NEV - YOUNG'S RANCH	95437	ND	ND	ND	ND
COLLECTED 12/22/70 0830 SIZE 3.50 L 9992					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=LT2E00					
ALPHA=0.3E01					

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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
AUSTIN NEV - YOUNG'S RANCH	95617	ND	ND	ND	ND
COLLECTED 12/23/70 1130 SIZE 3.50 L 9992					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.4E01					
ALPHA=LT2E00					
AUSTIN NEV - TRIPLE T RANCH	93990	2.0E01	ND	4.0E01	ND
COLLECTED 12/19/70 1530 SIZE 3.50 L 2222					
3H=6.8E02 BETA=0.4E01					
ALPHA=0.2E01 89SR=LT5E00					
90SR=LT2E00					
AUSTIN NEV - TRIPLE T RANCH	95186	ND	ND	ND	ND
COLLECTED 12/20/70 1120 SIZE 3.50 L 9292					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.4E01					
ALPHA=LT2E00					
AUSTIN NEV - TRIPLE T RANCH	95438	ND	ND	ND	ND
COLLECTED 12/21/70 1200 SIZE 3.50 L 9292					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.1E02					
ALPHA=0.5E01					
AUSTIN NEV - TRIPLE T RANCH	95443	ND	ND	ND	ND
COLLECTED 12/22/70 0920 SIZE 3.50 L 9292					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.5E01					
ALPHA=0.4E01					
AUSTIN NEV - TRIPLE T RANCH	95614	ND	ND	ND	ND
COLLECTED 12/23/70 1200 SIZE 3.50 L 9292					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=LT2E00					
ALPHA=0.5E01					
CURRANT NEV - BLUE EAGLE RANCH	93890	ND	ND	ND	ND
COLLECTED 12/19/70 SIZE 3.50 L 6432					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.5E01					
ALPHA=0.3E01					

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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
CURRANT NEV - BLUE EAGLE RANCH	95175	ND	ND	ND	ND
COLLECTED 12/20/70 1200 SIZE 3.50 L 8972					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.6E01					
ALPHA=LT2E00					
CURRANT NEV - BLUE EAGLE RANCH	95448	ND	ND	ND	ND
COLLECTED 12/21/70 1115 SIZE 3.50 L 8972					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.6E01					
ALPHA=0.2E01					
CURRANT NEV - BLUE EAGLE RANCH	95442	2.5E01	3.0E01	1.1E01	ND
COLLECTED 12/22/70 1030 SIZE 3.50 L 8972					
3H=LT4E02 BETA=0.6E01					
ALPHA=0.3E01 89SR=LT5E00					
90SR=LT2E00					
CURRANT NEV - BLUE EAGLE RANCH	95613	ND	ND	ND	ND
COLLECTED 12/23/70 0845 SIZE 3.50 L 8972					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.7E01					
ALPHA=0.5E01					
CURRANT NEV - BLUE EAGLE RANCH	95759	ND	ND	ND	ND
COLLECTED 12/24/70 1120 SIZE 3.50 L 1932					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.4E01					
ALPHA=0.3E01					
DIABLO NEV - REED RANCH	95004	5.0E02	7.8E01	5.3E02	ND
COLLECTED 12/19/70 1445 SIZE 3.50 L 2172					
3H=LT4E02 BETA=3.6E01					
ALPHA=1.9E01 89SR=LT5E00					
90SR=0.9E01					
DUCKWATER NEV - HALSTEAD RANCH	95005	ND	ND	ND	ND
COLLECTED 12/19/70 0930 SIZE 3.50 L 2222					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=2.0E01					
ALPHA=0.7E01					

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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
DUCKWATER NEV - HALSTEAD RANCH	93992	ND	ND	ND	ND
COLLECTED 12/19/70 0930 SIZE 3.50 L 1442					
GAMMA SPECTRUM					
NEGLIGIBLE 3H=LT4E02					
BETA=3.2E01 ALPHA=1.6E01					
DUCKWATER NEV - HALSTEAD RANCH	95172	ND	ND	ND	ND
COLLECTED 12/20/70 1310 SIZE 3.50 L 8272					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=1.3E01					
ALPHA=0.5E01					
DUCKWATER NEV - HALSTEAD RANCH	95446	ND	ND	ND	ND
COLLECTED 12/21/70 1230 SIZE 3.50 L 8272					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=1.3E01					
ALPHA=0.8E01					
DUCKWATER NEV - HALSTEAD RANCH	95440	ND	ND	ND	ND
COLLECTED 12/22/70 1130 SIZE 3.50 L 8272					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=1.9E01					
ALPHA=0.3E01					
DUCKWATER NEV - HALSTEAD RANCH	95611	ND	ND	ND	ND
COLLECTED 12/23/70 SIZE 3.50 L 8272					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=1.4E01					
ALPHA=LT2E00					
DUCKWATER NEV - HALSTEAD RANCH	95755	ND	LT2E01	LT2E01	ND
COLLECTED 12/24/70 0915 SIZE 3.50 L 2222					
137CS=LT2E01 K=1.5E00					
BETA=1.4E01 ALPHA=0.6E01					
EUREKA NEV - MARTIN RANCH	95176	ND	ND	ND	ND
COLLECTED 12/20/70 1410 SIZE 3.50 L 9972					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.8E01					
ALPHA=0.4E01					

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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
EUREKA NEV - MARTIN RANCH COLLECTED 12/21/70 1500 SIZE 3.50 L 9972 GAMMA SPECTRUM NEGLIGIBLE BETA=0.7E01 ALPHA=0.3E01	95435	ND	ND	ND	ND
EUREKA NEV - MARTIN RANCH COLLECTED 12/23/70 0700 SIZE 3.50 L 9972 GAMMA SPECTRUM NEGLIGIBLE BETA=0.6E01 ALPHA=0.4E01	95628	ND	ND	ND	ND
HAWTHORNE NEV - WALKER LAKE COLLECTED 12/19/70 1115 SIZE 3.50 L 9122 GAMMA SPECTRUM NEGLIGIBLE BETA=1.6E02 ALPHA=1.9E01	93989	ND	ND	ND	ND
HIKO NEV - SCHOFIELD DAIRY COLLECTED 12/19/70 1150 SIZE 3.50 L 8432 GAMMA SPECTRUM NEGLIGIBLE BETA=2.9E01 ALPHA=2.0E01	93839	ND	ND	ND	ND
HIKO NEV - SCHOFIELD DAIRY COLLECTED 12/20/70 1025 SIZE 3.50 L 8432 GAMMA SPECTRUM NEGLIGIBLE BETA=3.5E01 ALPHA=3.0E01	95050	ND	ND	ND	ND
HIKO NEV - SCHOFIELD DAIRY COLLECTED 12/21/70 0920 SIZE 3.50 L 8432 GAMMA SPECTRUM NEGLIGIBLE BETA=3.0E01 ALPHA=2.2E01	95249	ND	ND	ND	ND
HIKO NEV - SCHOFIELD DAIRY COLLECTED 12/22/70 0910 SIZE 3.50 L 8432 GAMMA SPECTRUM NEGLIGIBLE BETA=3.1E01 ALPHA=2.7E01	95432	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
LUND NEV - MCKENZIE DAIRY COLLECTED 12/19/70 1030 SIZE 3.50 L 8932 GAMMA SPECTRUM NEGLIGIBLE BETA=0.3E01 ALPHA=0.6E01	93913	ND	ND	ND	ND
LUND NEV - MCKENZIE DAIRY COLLECTED 12/20/70 1130 SIZE 3.50 L 6932 GAMMA SPECTRUM NEGLIGIBLE BETA=0.9E01 ALPHA=0.6E01	95240	ND	ND	ND	ND
LUND NEV - MCKENZIE DAIRY COLLECTED 12/21/70 0920 SIZE 3.50 L 6932 GAMMA SPECTRUM NEGLIGIBLE BETA=0.6E01 ALPHA=0.6E01	95252	ND	ND	ND	ND
LUND NEV - MCKENZIE DAIRY COLLECTED 12/22/70 0900 SIZE 3.50 L 6932 GAMMA SPECTRUM NEGLIGIBLE BETA=0.2E01 ALPHA=0.3E01	95491	ND	ND	ND	ND
MCGILL NEV - LARSEN RANCH COLLECTED 12/21/70 1730 SIZE 3.50 L 6932 GAMMA SPECTRUM NEGLIGIBLE BETA=1.2E01 ALPHA=0.7E01	95489	ND	ND	ND	ND
MCGILL NEV - LARSEN RANCH COLLECTED 12/22/70 1130 SIZE 3.50 L 6932 GAMMA SPECTRUM NEGLIGIBLE BETA=0.6E01 ALPHA=0.3E01	95490	ND	ND	ND	ND
MCGILL NEV - LARSEN RANCH COLLECTED 12/23/70 1120 SIZE 3.50 L 2932 GAMMA SPECTRUM NEGLIGIBLE BETA=0.4E01 ALPHA=0.3E01	95612	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
NYALA NEV - SHARP'S RANCH COLLECTED 12/19/70 1105 SIZE 3.50 L 6432 GAMMA SPECTRUM NEGLIGIBLE BETA=0.3E01 ALPHA=0.5E01	93891	ND	ND	ND	ND
NYALA NEV - SHARP'S RANCH COLLECTED 12/20/70 1100 SIZE 3.50 L 8932 GAMMA SPECTRUM NEGLIGIBLE BETA=0.4E01 ALPHA=0.4E01	95177	ND	ND	ND	ND
NYALA NEV - SHARP'S RANCH COLLECTED 12/21/70 1020 SIZE 3.50 L 8932 GAMMA SPECTRUM NEGLIGIBLE BETA=0.3E01 ALPHA=0.3E01	95441	ND	ND	ND	ND
NYALA NEV - SHARP'S RANCH COLLECTED 12/22/70 0945 SIZE 3.50 L 8932 GAMMA SPECTRUM NEGLIGIBLE BETA=0.7E01 ALPHA=LT2E00	95449	ND	ND	ND	ND
NYALA NEV - SHARP'S RANCH COLLECTED 12/23/70 0945 SIZE 3.50 L 8932 GAMMA SPECTRUM NEGLIGIBLE BETA=0.4E01 ALPHA=0.5E01	95616	ND	ND	ND	ND
NYALA NEV - SHARP'S RANCH COLLECTED 12/24/70 1210 SIZE 3.50 L 2932 GAMMA SPECTRUM NEGLIGIBLE BETA=0.3E01 ALPHA=LT2E00	95758	ND	ND	ND	ND
PANACA NEV - KENNETH LEE RANCH COLLECTED 12/20/70 1230 SIZE 3.50 L 6972 GAMMA SPECTRUM NEGLIGIBLE BETA=0.6E01 ALPHA=0.6E01	95043	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
PANACA NEV - KENNETH LEE RANCH	95235	ND	ND	ND	ND
COLLECTED 12/21/70 1150 SIZE 3.50 L 6972					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.9E01					
ALPHA=0.2E01					
PANACA NEV - KENNETH LEE RANCH	95434	ND	ND	ND	ND
COLLECTED 12/22/70 1050 SIZE 3.50 L 6972					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.6E01					
ALPHA=0.3E01					
ROUND MT NEV - KARL BERG RANCH	93991	1.4E02	ND	2.4E02	ND
COLLECTED 12/19/70 1630 SIZE 3.50 L 6932					
3H=7.5E02 BETA=0.8E01					
ALPHA=LT2E00 89SR=LT5E00					
90SR=LT2E00					
ROUND MT NEV - KARL BERG RANCH	95185	ND	ND	ND	ND
COLLECTED 12/20/70 1015 SIZE 3.50 L 8972					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.8E01					
ALPHA=0.3E01					
ROUND MT NEV - KARL BERG RANCH	95447	ND	ND	ND	ND
COLLECTED 12/21/70 1020 SIZE 3.50 L 8972					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.4E01					
ALPHA=0.4E01					
ROUND MT NEV - KARL BERG RANCH	95402	ND	ND	ND	ND
COLLECTED 12/22/70 1010 SIZE 3.50 L 8972					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.3E01					
ALPHA=0.6E01					
ROUND MT NEV - KARL BERG RANCH	95619	ND	ND	ND	ND
COLLECTED 12/23/70 1300 SIZE 3.50 L 8972					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.4E01					
ALPHA=LT2E00					

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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
SHOSHONE NEV - KIRKEBY RANCH COLLECTED 12/19/70 1530 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=LT2E00 ALPHA=LT2E00	95019 1432	ND	ND	ND	ND
SHOSHONE NEV - KIRKEBY RANCH COLLECTED 12/20/70 1400 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=0.4E01 ALPHA=0.2E01	95241 6932	ND	ND	ND	ND
SHOSHONE NEV - KIRKEBY RANCH COLLECTED 12/21/70 1030 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=0.8E01 ALPHA=0.4E01	95236 6932	ND	ND	ND	ND
SHOSHONE NEV - KIRKEBY RANCH COLLECTED 12/22/70 1240 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=LT2E00 ALPHA=LT2E00	95451 6932	ND	ND	ND	ND
SHOSHONE NEV - KIRKEBY RANCH COLLECTED 12/23/70 0940 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=LT2E00 ALPHA=LT2E00	95615 8432	ND	ND	ND	ND
SPRINGDALE NEV SEIDENTOPF RCH COLLECTED 12/31/70 1400 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=1.1E01 ALPHA=1.5E01	96167	ND	ND	ND	ND
SPRINGDALE NEV SEIDENTOPF RCH COLLECTED 12/31/70 1410 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=0.8E01 ALPHA=1.3E01	96169	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE NEVADA WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/21/70 1045 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=2.1E01 ALPHA=2.0E01	95178 6772	ND	ND	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/23/70 1130 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=0.6E01 ALPHA=0.7E01	95591 5292	ND	ND	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/24/70 1030 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=1.1E01 ALPHA=1.1E01	95688 5272	ND	ND	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/29/70 1610 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=0.4E01 ALPHA=1.1E01	96059 2172	ND	ND	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/30/70 1330 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=1.4E01 ALPHA=1.6E01	96103 2172	ND	ND	ND	ND
WARM SPRINGS NEV STONE CABIN RNCH COLLECTED 12/22/70 0810 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=0.7E01 ALPHA=LT2E00	95436 6472	ND	ND	ND	ND
WARM SPRINGS NEV - FALLINI'S POND COLLECTED 12/19/70 1130 SIZE 3.50 L 3H=LT4E02 BETA=4.2E01 ALPHA=1.8E01 89SR=LT5E00 90SR=LT2E00	93914 2192	2.2E02	ND	3.1E02	ND

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BANEBERRY ACCUMULATIVE UTAH WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
DELTA UTAH JEFFERY CLAYTON DAIRY	95076	ND	ND	ND	ND
COLLECTED 12/19/70 2045 SIZE 3.50 L 6932					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.3E01					
ALPHA=LT2E00					
DELTA UTAH JEFFERY CLAYTON DAIRY	95075	ND	ND	ND	ND
COLLECTED 12/20/70 1010 SIZE 3.50 L 6932					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=LT2E00					
ALPHA=0.4E01					
DELTA UTAH JEFFERY CLAYTON DAIRY	95270	ND	ND	ND	ND
COLLECTED 12/21/70 1018 SIZE 3.50 L 6932					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=LT2E00					
ALPHA=LT2E00					
DELTA UTAH JEFFERY CLAYTON DAIRY	95423	ND	ND	ND	ND
COLLECTED 12/22/70 0810 SIZE 3.50 L 6932					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=0.2E01					
ALPHA=LT2E00					
FILLMORE UTAH MRS SAM WADE DAIRY	95077	ND	ND	ND	ND
COLLECTED 12/19/70 1900 SIZE 3.50 L 6932					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=LT2E00					
ALPHA=LT2E00					
FILLMORE UTAH MRS SAM WADE DAIRY	95301	7.0E02	ND	6.6E01	ND
COLLECTED 12/20/70 1315 SIZE 3.50 L 6932					
3H=5.4E02 BETA=1.9E01					
ALPHA=LT2E00 89SR=LT5E00					
90SR=LT2E00					
FILLMORE UTAH MRS SAM WADE DAIRY	95271	ND	ND	ND	ND
COLLECTED 12/20/70 1315 SIZE 3.50 L 6932					
GAMMA SPECTRUM					
NEGLIGIBLE BETA=LT2E00					
ALPHA=0.2E01					

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BANEBERRY ACCUMULATIVE UTAH WATER RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
FILLMORE UTAH MRS SAM WADE DAIRY COLLECTED 12/21/70 1115 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=0.3E01 ALPHA=0.4E01	95269 6932	ND	ND	ND	ND
FILLMORE UTAH MRS SAM WADE DAIRY COLLECTED 12/22/70 0920 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=LT2E00 ALPHA=LT2E00	95422 6932	ND	ND	ND	ND
MILFORD UTAH BILL POWELL DAIRY COLLECTED 12/19/70 1630 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=1.0E01 ALPHA=1.6E01	95070 6932	ND	ND	ND	ND
MILFORD UTAH BILL POWELL DAIRY COLLECTED 12/20/70 1500 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=1.4E01 ALPHA=1.1E01	95274 6932	ND	ND	ND	ND
MILFORD UTAH BILL POWELL DAIRY COLLECTED 12/21/70 1325 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=1.2E01 ALPHA=2.2E01	95273 6932	ND	ND	ND	ND
MILFORD UTAH BILL POWELL DAIRY COLLECTED 12/22/70 1110 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=0.8E01 ALPHA=2.5E01	95488 6932	ND	ND	ND	ND
NEWCASTLE UTAH - MUNICIPAL RESERVOIR COLLECTED 12/19/70 2100 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE BETA=0.8E01 ALPHA=0.7E01	93975 3152	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE ARIZONA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
LITTLEFIELD ARIZ 11 MI N ON HWY 91	95304	ND	ND	ND	ND
COLLECTED 12/21/70 SIZE .400 L					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE CALIFORNIA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
BISHOP CALIF 59 MI S ON US 395 COLLECTED 12/20/70 SIZE .400 L	95127	2.6E02	ND	4.6E02	ND
BISHOP CALIF 16 MI S ON US 395 COLLECTED 12/20/70 1517 SIZE .400 L	95128	1.7E02	ND	ND	ND
BISHOP CALIF 23 MI S ON HWY 395 COLLECTED 12/24/70 0930 SIZE .400 L GAMMA SPECTRUM NEGLIGIBLE	95895	ND	ND	ND	ND
FRESNO CALIF - HARPAIN'S DAIRY COLLECTED 12/22/70 0930 SIZE 3.50 L SB GAMMA SPECTRUM NEGLIGIBLE	95539	ND	ND	ND	ND
FRESNO CALIF - ST COLLEGE CREAMERY COLLECTED 12/22/70 SIZE 3.50 L SB GAMMA SPECTRUM NEGLIGIBLE	95530	ND	ND	ND	ND
HANFORD CALIF - SUPERIOR DAIRY PROD COLLECTED 12/21/70 1620 SIZE 3.50 L SB GAMMA SPECTRUM NEGLIGIBLE	95533	ND	ND	ND	ND
LITTLE LAKE CALIF - LITTLE LAKE RCH COLLECTED 12/24/70 1255 SIZE .400 L GAMMA SPECTRUM NEGLIGIBLE	95840	ND	ND	ND	ND
LONE PINE CALIF - FOREST SER RNGR STA COLLECTED 12/24/70 0730 SIZE 3.50 L	95739	1.9E02	7.5E01	1.9E02	ND
OLANCHA CALIF - HAYHURST RANCH COLLECTED 12/24/70 1010 SIZE .400 L GAMMA SPECTRUM NEGLIGIBLE	95841	ND	ND	ND	ND
REDDING CALIF - MCCOLL'S DAIRY PROD COLLECTED 12/22/70 0830 SIZE 3.50 L SB	95683	6.0E01	ND	ND	ND

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BANEBERRY ACCUMULATIVE CALIFORNIA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
SANTA CLARA CALIF - EDELWEISS DAIRIES COLLECTED 12/22/70 1000 SIZE .400 L SB GAMMA SPECTRUM NEGLIGIBLE	95981	ND	ND	ND	ND
SANTA ROSA CALIF - ARLINGTON FARMS COLLECTED 12/23/70 0900 SIZE 3.50 L SB GAMMA SPECTRUM NEGLIGIBLE	95641	ND	ND	ND	ND
TRACY CALIF - DEUEL VOC INST COLLECTED 12/22/70 0830 SIZE 3.50 L SB GAMMA SPECTRUM NEGLIGIBLE	95720	ND	ND	ND	ND
WEED CALIF - MEDO-BEL CREAMERY COLLECTED 12/22/70 1000 SIZE 3.50 L SB GAMMA SPECTRUM NEGLIGIBLE	95784	ND	ND	ND	ND

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EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

BANEBERRY ACCUMULATIVE COLORADO PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
COLLBRAN COLO	95351	ND	ND	ND	ND
COLLECTED 12/21/70 0730 SIZE .400 L					
GAMMA SPECTRUM					
NEGLIGIBLE					
COLLBRAN COLO - ARTHUR LINN RANCH	95352	ND	ND	ND	ND
COLLECTED 12/21/70 1040 SIZE .400 L					
GAMMA SPECTRUM					
NEGLIGIBLE					
DEBEQUE COLO	95350	ND	ND	ND	ND
COLLECTED 12/21/70 1240 SIZE .400 L					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE IDAHO PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
BOISE IDA - IDAHO CREAMERIES COLLECTED 12/21/70 SIZE 3.50 L	95316	2.1E02	6.0E01	2.5E02	ND
BUHL IDA - SMITHS DAIRY PRODUCTS COLLECTED 12/21/70 1600 SIZE 3.50 L SB	95649	7.2E02	1.7E02	ND	ND
BURLEY IDA STOKER'S JERSEY FARM COLLECTED 12/22/70 1100 SIZE 3.50 L SB	95703	8.4E02	2.3E02	4.0E02	ND
IDAHO FALLS IDAHO COLLECTED 12/21/70 1730 SIZE 1.00 L	95875	1.1E03	2.5E02	ND	ND
JEROME IDA - IDA GEM DAIRYMEN COLLECTED 12/22/70 SIZE 3.50 L SB	95717	3.8E02	1.1E02	9.4E02	ND
POCATELLO IDA 210 RANDOLPH ST COLLECTED 12/23/70 SIZE 3.50 L	96166	3.8E02	9.7E01	ND	ND

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BANEBERRY ACCUMULATIVE MINNESOTA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
INTERNATIONAL FALLS MINN COLLECTED 12/24/70 1200 SIZE .400 L	95863	2.2E02	1.1E02	ND	ND
MINNEAPOLIS MINN AIRPORT COLLECTED 12/24/70 1600 SIZE .400 L GAMMA SPECTRUM NEGLIGIBLE	95762	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE MONTANA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
HELENA MONT COGSWELL BLDG	96176	ND	ND	ND	ND
COLLECTED 12/29/70 SIZE 3.50 L					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
ALAMO NEV STEWART DAIRY	93850	1.1E03	ND	2.3E03	ND
COLLECTED 12/19/70 1105 SIZE .400 L					
103RU=1.3E02 3H=8.1E02					
AUSTIN NEV 22 MI E ON HWY 50	95063	3.4E04	6.1E03	4.6E04	ND
COLLECTED 12/19/70 1335 SIZE .400 L					
103RU=2.4E03 140BA=9.8E02					
AUSTIN NEV	95057	5.7E04	1.3E04	9.2E04	ND
COLLECTED 12/19/70 1445 SIZE .400 L					
3H=9.5E03					
AUSTIN NEV	95247	1.4E04	3.3E03	1.7E04	ND
COLLECTED 12/20/70 1215 SIZE .400 L					
AUSTIN NEV - YOUNG'S RANCH	95744	5.0E02	3.7E02	ND	ND
COLLECTED 12/24/70 0900 SIZE .400 L					
AUSTIN NEV - YOUNG'S RANCH	95914	1.1E02	1.0E02	ND	ND
COLLECTED 12/27/70 1200 SIZE .400 L					
AUSTIN NEV - TRIPLE T RANCH	95743	2.8E04	1.1E04	1.4E04	ND
COLLECTED 12/24/70 0925 SIZE .400 L					
BAKER NEV 1/2 MI S HWY 73	93911	1.1E03	4.5E02	1.0E04	6.6E02
COLLECTED 12/19/70 1048 SIZE 3.50 L					
3H=1.9E03					
BLUE JAY HWY MAINT STATION NEV	93997	1.9E06	3.2E05	2.2E06	ND
COLLECTED 12/19/70 1240 SIZE .400 L					
133XE=1.1E06 103RU=1.6E05					
239NP=4.6E06 99MO=2.9E05					
140BA=2.0E05 105RH=2.5E06					
3H=3.4E03 89SR=1.4E02					
90SR=LT1E01 239PU=3.2E00					
238PU=0.4E00					
BLUE JAY HWY MAINT STATION NEV	95246	1.6E06	ND	1.1E06	ND
COLLECTED 12/20/70 1330 SIZE .400 L					
CLARK STATION NEV 7 MI E ON HWY 6	95015	7.9E05	1.2E05	9.2E05	ND
COLLECTED 12/19/70 1127 SIZE .400 L					
103RU=5.4E04 140BA=3.6E04					
3H=4.8E03					

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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
CLARK STATION NEV STONE CABIN RANCH	93998	3.8E05	7.0E04	5.9E05	ND
COLLECTED 12/19/70 1055 SIZE .400 L					
103RU=2.9E04 140BA=1.3E04					
3H=2.1E04 89SR=7.7E01					
90SR=LT1E01 239PU=0.6E00					
238PU=LT1E-01					
CLARK STATION NEV STONE CABIN RANCH	95060	7.5E05	1.2E05	1.1E06	ND
COLLECTED 12/19/70 1115 SIZE .400 L					
103RU=4.8E04 140BA=2.2E04					
3H=1.2E04					
CLARK STATION NEV STONE CABIN RANCH	95243	1.2E05	ND	8.9E04	ND
COLLECTED 12/20/70 1600 SIZE .400 L					
COYOTE SUMMIT NEV KOYNES MILL	93929	3.8E05	8.1E04	3.0E05	1.1E05
COLLECTED 12/19/70 1400 SIZE .400 L					
103RU=3.4E04 140BA=2.2E04					
3H=9.6E02					
COYOTE SUMMIT NEV VALLEY RD T/O	93928	5.1E05	1.1E05	3.7E05	1.5E05
COLLECTED 12/19/70 1410 SIZE .400 L					
103RU=4.7E04 140BA=2.7E04					
3H=LT4E02 89SR=3.0E01					
90SR=LT1E01 239PU=0.6E+01					
238PU=2.0E00					
COYOTE SUMMIT NEV	93930	6.5E04	ND	5.2E04	ND
COLLECTED 12/19/70 1430 SIZE .400 L					
CURRANT NEV CURRANT SUMMIT HWY 6	93932	3.8E03	9.7E02	2.5E03	ND
COLLECTED 12/19/70 0935 SIZE .400 L					
103RU=3.2E02 3H=4.5E02					
CURRANT NEV 30 MI SW ON HWY 6	95267	9.9E05	2.1E05	7.8E05	ND
COLLECTED 12/20/70 1430 SIZE .400 L					
103RU=1.1E05 140BA=5.9E04					
3H=1.8E03 89SR=1.8E02					
90SR=LT1E01 239PU=3.3E00					
238PU=0.1E00					
CURRANT NEV 10 MI SW ON HWY 6	95248	4.0E04	8.5E03	3.1E04	ND
COLLECTED 12/20/70 1530 SIZE .400 L					

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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
CURRANT NEV - BLUE EAGLE RANCH COLLECTED 12/20/70 1200 SIZE 3.50 L 103RU=1.9E03 140BA=1.2E03	95224	2.4E03	3.7E03	1.7E03	ND
DIABLO NEV W SIDE OF CEDAR PASS COLLECTED 12/19/70 1330 SIZE .400 L 103RU=6.3E04 140BA=3.2E04 3H=1.8E04	95051	8.6E05	1.4E05	9.0E05	ND
DUCKWATER NEV - HALSTEAD RANCH COLLECTED 12/20/70 1310 SIZE .400 L	95220	3.5E04	8.0E03	3.4E04	ND
EASTGATE NEV MIDDLEGATE RANCH COLLECTED 12/19/70 1330 SIZE .400 L 103RU=5.0E02 3H=6.5E02	95062	7.8E03	1.4E03	8.8E03	ND
ELY NEV 16MI W ON HWY 50 COLLECTED 12/19/70 0925 SIZE 3.50 L 103RU=1.0E02	93986	3.8E03	3.4E02	3.7E03	ND
ELY NEV 44 MI W ON HWY 50 COLLECTED 12/19/70 1000 SIZE .400 L 103RU=1.0E03	95066	1.4E04	2.2E03	2.2E04	ND
ELY NEV 57 MI E ON HWY 6 COLLECTED 12/19/70 1030 SIZE .400 L 103RU=7.1E02 3H=2.0E03	93933	6.5E03	1.5E03	4.5E03	ND
ELY NEV COLLECTED 12/20/70 1025 SIZE .400 L 103RU=4.9E02	95068	3.2E03	1.0E03	3.5E03	ND
EUREKA NEV 24MI E ON HWY 50 COLLECTED 12/19/70 1045 SIZE .400 L 103RU=7.7E03 140BA=4.1E03 3H=6.9E02	95067	1.1E05	1.5E04	1.3E05	ND
EUREKA NEV 5MI E ON HWY 50 PINTO SMT COLLECTED 12/19/70 1145 SIZE 3.50 L 103RU=1.5E03 140BA=7.0E02 3H=1.5E03	95042	4.5E04	4.9E03	4.1E04	ND
EUREKA NEV - MARTIN RANCH COLLECTED 12/20/70 1420 SIZE 3.50 L	95219	3.0E03	7.2E02	2.7E03	ND

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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
EUREKA NEV - MARTIN RANCH COLLECTED 12/24/70 0715 SIZE .400 L	95742	7.2E03	2.6E03	5.0E03	ND
EUREKA NEV - MARTIN RANCH COLLECTED 12/27/70 1000 SIZE .400 L	95912	3.7E03	2.0E03	ND	ND
GEYSER MAINTENANCE STATION COLLECTED 12/19/70 1400 SIZE 3.50 L 103RU=1.1E02	95003	4.2E03	5.4E02	4.9E03	ND
GOLDFIELD NEV COLLECTED 12/19/70 0900 SIZE .400 L 103RU=1.2E03 140BA=5.2E02 3H=1.2E03	93849	9.5E03	3.7E03	1.6E04	1.9E03
GOLDFIELD NEV 4MI S ON HWY 95 COLLECTED 12/20/70 1430 SIZE .400 L	95162	1.3E04	4.0E03	1.8E04	ND
HANCOCK SUMMIT NEV COLLECTED 12/19/70 1335 SIZE .400 L 103RU=4.4E02	93927	6.0E03	1.2E03	6.8E03	ND
HAWTHORNE NEV COLLECTED 12/19/70 1050 SIZE .400 L	95016	6.1E03	2.7E03	3.7E04	ND
LAS VEGAS NEV COLLECTED 12/21/70 1600 SIZE .005 L NO GAMMA SCAN 3H=LT4E02	95208	ND	ND	ND	ND
LIDA NEV COLLECTED 12/20/70 1510 SIZE .200 L	95163	2.1E04	5.8E03	2.4E04	ND
LIDA JCT NEV COLLECTED 12/20/70 1530 SIZE .400 L	95165	1.2E04	3.3E03	1.3E04	ND
KYLE CANYON RANGER STATION BKG COLLECTED 03/23/71 0955 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE 3H=LT4E02 238PU=LT1E-02 239PU=0.3E-01	99465	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
KYLE CANYON FIRE STATION BKG	99466	ND	ND	ND	ND
COLLECTED 03/23/71 0945 SIZE 3.50 L					
GAMMA SPECTRUM					
NEGLIGIBLE 3H=LT4E02					
BETA=2.1E01 ALPHA=LT2E00					
238PU=LT2E-02 239PU=1.0E-02					
KYLE CANYON LODGE BKG	99467	ND	ND	ND	ND
COLLECTED 03/23/71 0925 SIZE 3.50 L					
GAMMA SPECTRUM					
NEGLIGIBLE 3H=LT4E02					
BETA=4.0E01 ALPHA=LT2E00					
238PU=LT2E-02 239PU=0.3E-01					
NTS AREA 51 BACK GATE BLDG 184	95738	1.4E03	4.3E02	6.6E02	ND
COLLECTED 12/24/70 0950 SIZE 3.50 L					
NTS AREA 51 SOFTBALL FIELD	95741	1.5E03	4.2E02	7.4E02	ND
COLLECTED 12/24/70 1030 SIZE 3.50 L					
NYALA NEV - SHARP'S RANCH	95222	5.1E04	1.1E04	4.7E04	ND
COLLECTED 12/20/70 1100 SIZE .400 L					
PANACA NEV 13 MI E ON HWY 25 PANACA S	95074	2.6E02	ND	1.3E02	ND
COLLECTED 12/19/70 1157 SIZE 3.10 L					
PIOCHE NEV	95047	1.8E03	5.1E02	2.6E03	ND
COLLECTED 12/19/70 1220 SIZE .400 L					
103RU=2.4E02 3H=6.5E02					
QUEEN CITY SUMMIT NEV 2 MI E ON HWY25	93931	9.9E05	2.0E05	5.4E05	4.2E05
COLLECTED 12/19/70 1330 SIZE .400 L					
103RU=7.6E04 140BA=7.0E04					
3H=7.1E02 89SR=1.6E02					
90SR=LT1E01 239PU=5.6E00					
238PU=1.0E00					
RENO NEVADA	95648	1.3E02	3.0E01	ND	ND
COLLECTED 12/21/70 SIZE 3.50 L					
RENO NEV - ANDERSON DAIRY	95889	1.0E03	2.4E02	6.0E03	ND
COLLECTED 12/21/70 1500 SIZE 3.50 L SB					

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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
RENO NEV - MODEL DAIRY COLLECTED 12/21/70 1300 SIZE 3.50 L SB	95888	1.7E03	4.7E02	ND	ND
ROUND MT NEV - MOBIL SERVICE STATION COLLECTED 12/19/70 1620 SIZE .400 L	95064	9.7E04	1.9E04	1.7E05	ND
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/20/70 1030 SIZE .400 L	95223	5.4E04	1.3E04	6.9E04	ND
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/24/70 1110 SIZE .400 L	95740	1.1E04	4.2E03	7.9E03	ND
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/27/70 1400 SIZE .400 L	95913	2.4E03	1.5E03	ND	ND
SCOTTYS JCT NEV WILLIAMS RNCH COLLECTED 12/19/70 1130 SIZE .400 L 103RU=3.3E03 140BA=1.2E03	93842	2.8E04	1.3E04	5.6E04	7.6E03
TONOPAH NEV TTR MAIN GATE COLLECTED 12/18/70 2100 SIZE .400 L 103RU=9.2E04 140BA=5.2E04 3H=8.3E03	93848	1.3E06	2.4E05	1.8E06	1.1E06
TONOPAH NEV COLLECTED 12/19/70 0740 SIZE .400 L 103RU=4.1E03 140BA=1.5E03 3H=3.4E03	93847	7.5E04	1.2E04	1.1E05	2.0E04
TONOPAH NEV 5MI S JCT HWY 6 TTR T/O COLLECTED 12/19/70 1010 SIZE .400 L	95058	8.6E05	1.5E05	1.4E06	ND
TONOPAH NEV 10 MI S JCT HWY 6 TTR T/O COLLECTED 12/19/70 1020 SIZE .400 L 103RU=4.3E04 140BA=2.2E04 3H=1.3E04 89SR=7.9E01 90SR=LT1E01 239PU=1.0E00 238PU=LT2E-02	95056	7.4E05	1.6E05	1.2E06	ND

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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
TONOPAH NEV 15 MI S ON TTR ACCESS RD	95065	1.5E06	2.2E05	1.9E06	ND
COLLECTED 12/19/70 1033 SIZE .400 L					
103RU=8.1E04 140BA=5.2E04					
3H=5.8E03 89SR=1.1E02					
90SR=LT1E01 239PU=2.6E00					
238PU=0.4E00					
TONOPAH NEV TTR MAIN GATE	95046	7.5E05	1.2E05	1.1E06	ND
COLLECTED 12/19/70 1050 SIZE .400 L					
103RU=5.0E04 140BA=2.9E04					
TONOPAH NEV TTR CP	95061	1.9E05	4.0E04	2.9E05	ND
COLLECTED 12/19/70 1140 SIZE .400 L					
TONOPAH NEV 5 MI S TTR CP	95041	3.2E05	5.5E04	4.7E05	ND
COLLECTED 12/19/70 1155 SIZE .400 L					
TONOPAH NEV 10MI SE OF TTR CP	95069	8.3E05	1.3E05	1.0E06	ND
COLLECTED 12/19/70 1215 SIZE .400 L					
103RU=6.3E04 140BA=3.0E04					
TONOPAH NEV 15 MI SE OF TTR CP	95059	1.1E06	1.6E05	1.2E06	ND
COLLECTED 12/19/70 1235 SIZE .400 L					
103RU=7.8E04 140BA=4.2E04					
TONOPAH NEV JCT HWY 6/95	95107	1.1E04	3.2E03	1.8E04	ND
COLLECTED 12/20/70 0945 SIZE .400 L					
TONOPAH NEV 10 MI S ON TTR ACCESS RD	95266	9.2E05	1.9E05	9.2E05	ND
COLLECTED 12/20/70 1010 SIZE .400 L					
TONOPAH NEV 5 MI E TTR T/O ON HWY 6	95265	6.2E04	1.7E04	9.0E04	ND
COLLECTED 12/20/70 1130 SIZE .400 L					
TONOPAH NEV 60 MI W ON US 6	95129	4.9E03	1.6E03	8.4E03	ND
COLLECTED 12/20/70 1140 SIZE .400 L					
TONOPAH NEV STONE CABIN T/O HWY 6	95245	1.8E05	3.9E04	1.5E05	ND
COLLECTED 12/20/70 1200 SIZE .400 L					
TONOPAH NEV 90 MI W ON US 6	95130	ND	ND	ND	ND
COLLECTED 12/20/70 1227 SIZE .400 L					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE NEVADA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
TONOPAH NEV	95164	7.9E03	3.6E03	8.9E03	ND
COLLECTED 12/20/70 1310 SIZE .400 L					
103RU=1.1E03 140BA=4.3E02					
TONOPAH NEV 15 MI S ON HWY 95	95221	7.0E03	2.0E03	1.0E04	ND
COLLECTED 12/20/70 1345 SIZE .400 L					
WARM SPRINGS NEV	95014	1.2E05	2.2E04	1.8E05	ND
COLLECTED 12/19/70 1155 SIZE .400 L					
WARM SPRINGS NEV	95244	1.6E05	3.4E04	1.5E05	ND
COLLECTED 12/20/70 1240 SIZE .400 L					
103RU=1.7E04 140BA=7.2E03					
3H=4.5E03 89SR=1.1E02					
90SR=LT1E01 239PU=0.9E00					
238PU=LT2E-01					
WARM SPRINGS NEV - TWIN SPRINGS RCH	93934	1.0E06	1.6E05	6.8E05	4.5E05
COLLECTED 12/19/70 1130 SIZE .400 L					
103RU=6.4E04 140BA=4.6E04					
3H=1.8E03 89SR=7.5E01					
90SR=LT1E01 239PU=5.0E00					
238PU=0.4E00					
YERINGTON NEV - VALLEY DAIRY	95839	4.3E02	1.3E02	3.0E02	ND
COLLECTED 12/23/70 SIZE 3.50 L SB					

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BANEBERRY ACCUMULATIVE NORTH DAKOTA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
GRAND FORKS N D AIRPORT COLLECTED 12/24/70 1820 SIZE .400 L	95764	3.7E02	2.7E02	3.1E02	ND
MINOT NORTH DAKOTA COLLECTED 12/24/70 1000 SIZE .400 L	95761	6.8E02	4.0E02	5.6E02	ND
WILLISTON N D AIRPORT COLLECTED 12/24/70 1145 SIZE .400 L	95763	2.6E02	1.5E02	ND	ND

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BANEBERRY ACCUMULATIVE SOUTH DAKOTA PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
RAPID CITY SD AIRPORT	95760	ND	ND	ND	ND
COLLECTED 12/24/70 1215 SIZE .400 L					
GAMMA SPECTRUM					
NEGLIGIBLE					

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EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

BANEBERRY ACCUMULATIVE UTAH PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
BEAVER UTAH 10 MI N ON HWY 15	95101	ND	ND	ND	ND
COLLECTED 12/20/70 1715 SIZE .400 L					
GAMMA SPECTRUM					
NEGLIGIBLE					
DELTA UTAH J CLAYTON DAIRY	95102	ND	ND	ND	ND
COLLECTED 12/20/70 1010 SIZE 3.50 L					
GAMMA SPECTRUM					
NEGLIGIBLE					
GARRISON UTAH	93912	5.1E03	1.1E03	7.6E03	ND
COLLECTED 12/19/70 1120 SIZE .400 L					
103RU=2.7E02 3H=7.1E02					
JERICO UTAH US 6-50 JERICO T/O	95111	ND	ND	ND	ND
COLLECTED 12/20/70 1400 SIZE .400 L					
GAMMA SPECTRUM					
NEGLIGIBLE					
MILFORD UTAH BILL POWELL DAIRY	95302	3.9E02	5.8E01	2.5E02	ND
COLLECTED 12/20/70 1500 SIZE 3.50 L 0562					
NEWCASTLE UTAH	95300	ND	ND	ND	ND
COLLECTED 12/21/70 SIZE .400 L					
GAMMA SPECTRUM					
NEGLIGIBLE					
OGDEN UTAH	95105	7.6E02	ND	6.6E02	ND
COLLECTED 12/20/70 1120 SIZE .400 L					
PROVO UTAH	95112	ND	ND	ND	ND
COLLECTED 12/20/70 1245 SIZE 3.50 L					
GAMMA SPECTRUM					
NEGLIGIBLE					
ST GEORGE UTAH BLACK RIDGE	95303	ND	ND	ND	ND
COLLECTED 12/21/70 SIZE .400 L					
GAMMA SPECTRUM					
NEGLIGIBLE					
SALT LAKE CITY UTAH	95109	ND	ND	ND	ND
COLLECTED 12/20/70 1115 SIZE .400 L					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE WYOMING PRECIPITATION RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/L	131I PCI/L	133I PCI/L	135I PCI/L
CASPER WYO - MEADOW GOLD DAIRIES COLLECTED 12/21/70 1630 SIZE 3.50 L SB GAMMA SPECTRUM NEGLIGIBLE	95684	ND	ND	ND	ND
CHEYENNE WYO - DAIRY GOLD FOODS COLLECTED 12/21/70 1430 SIZE 3.50 L SB GAMMA SPECTRUM NEGLIGIBLE	95716	ND	ND	ND	ND
LARAMIE WYOMING COLLECTED 12/24/70 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE	96071	ND	ND	ND	ND
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 12/21/70 1500 SIZE 3.50 L SB	95650	1.9E03	4.9E02	7.7E02	ND
POWELL WYO - CREAM OF THE VALLEY DAIRY COLLECTED 12/21/70 1800 SIZE 3.50 L SB	95719	3.4E02	1.0E02	ND	ND
RAWLINS WYO COLLECTED 12/30/70 SIZE 3.50 L GAMMA SPECTRUM NEGLIGIBLE	96278	ND	ND	ND	ND
RIVERTON WYO - MORNING STAR DAIRY COLLECTED 12/21/70 1430 SIZE 3.50 L SB	95702	2.6E02	4.0E01	ND	ND
SHERIDAN WYO - JERSEY CREAMERY COLLECTED 12/21/70 SIZE 3.50 L SB GAMMA SPECTRUM NEGLIGIBLE	95718	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE ARKANSAS AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
LITTLE ROCK ARK	96288	0.2E00	ND	ND	ND
091 ON-TIME 12/24/70 0830 CC					
OFF-TIME 12/28/70 0830 SIZE 1382 M3					
LITTLE ROCK ARK	96287	0.2E00	0.2E00	ND	ND
091 ON-TIME 12/24/70 0830 PF					
OFF-TIME 12/28/70 0830 SIZE 1382 M3					
103RU=0.7E-01					

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BANEBERRY ACCUMULATIVE CALIFORNIA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
BARSTOW CALIF 054 ON-TIME 01/10/71 0700 PF OFF-TIME 01/11/71 0700 SIZE 357 M3 GAMMA SPECTRUM NEGLIGIBLE	96743	ND	ND	ND	ND
BISHOP CALIF 106 ON-TIME 12/18/70 1800 CC OFF-TIME 12/19/70 1700 SIZE 311 M3	95132	0.2E00	ND	2.7E00	ND
BISHOP CALIF 106 ON-TIME 12/18/70 1800 PF OFF-TIME 12/19/70 1700 SIZE 311 M3	95131	0.2E00	0.3E00	0.9E00	ND
DEATH VALLEY JCT CALIF 005 ON-TIME 12/18/70 0715 CC OFF-TIME 12/19/70 0800 SIZE 336 M3 GAMMA SPECTRUM NEGLIGIBLE	95146	ND	ND	ND	ND
DEATH VALLEY JCT CALIF 005 ON-TIME 12/19/70 0800 CC OFF-TIME 12/20/70 1430 SIZE 417 M3 GAMMA SPECTRUM NEGLIGIBLE	95828	ND	ND	ND	ND
DEATH VALLEY JCT CALIF 005 ON-TIME 12/19/70 0800 PF OFF-TIME 12/20/70 1430 SIZE 417 M3	95765	0.2E00	0.7E00	ND	ND
DEATH VALLEY JCT CALIF 005 ON-TIME 01/10/71 1930 PF OFF-TIME 01/11/71 0730 SIZE 156 M3 GAMMA SPECTRUM NEGLIGIBLE	96734	ND	ND	ND	ND
FURNACE CREEK CALIF 010 ON-TIME 12/18/70 1830 CC OFF-TIME 12/19/70 0800 SIZE 181 M3 GAMMA SPECTRUM NEGLIGIBLE	95140	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE CALIFORNIA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
FURNACE CREEK CALIF	95825	1.4E00	ND	1.6E01	ND
010 ON-TIME 12/19/70 0800 CC					
OFF-TIME 12/20/70 1600 SIZE 438 M3					
FURNACE CREEK CALIF	95775	0.8E00	1.5E00	9.4E00	ND
010 ON-TIME 12/19/70 0800 PF					
OFF-TIME 12/20/70 1600 SIZE 438 M3					
FURNACE CREEK CALIF	95814	0.3E00	ND	ND	ND
010 ON-TIME 12/20/70 1600 CC					
OFF-TIME 12/21/70 0700 SIZE 438 M3					
FURNACE CREEK CALIF	95776	0.3E00	0.8E00	ND	ND
010 ON-TIME 12/20/70 1600 PF					
OFF-TIME 12/21/70 0700 SIZE 205 M3					
NEEDLES CALIF	96742	ND	ND	ND	ND
052 ON-TIME 01/10/71 0844 PF					
OFF-TIME 01/11/71 1246 SIZE 403 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
SHOSHONE CALIF	96740	ND	ND	ND	ND
020 ON-TIME 01/10/71 0912 PF					
OFF-TIME 01/11/71 0903 SIZE 343 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE COLORADO AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
DENVER COLO	96200	ND	ND	ND	ND
076 ON-TIME 12/21/70 0835 CC					
OFF-TIME 12/22/70 0830 SIZE 344 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
GRAND JCT COLO HOLIDAY INN	95344	ND	ND	ND	ND
808 ON-TIME 12/18/70 2115 CC					
OFF-TIME 12/19/70 0930 SIZE 26 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
GRAND JCT COLO HOLIDAY INN	95346	ND	ND	ND	ND
808 ON-TIME 12/18/70 2115 PF					
OFF-TIME 12/19/70 0930 SIZE 26 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
GRAND JCT COLO HOLIDAY INN	95343	ND	ND	ND	ND
808 ON-TIME 12/19/70 0935 CC					
OFF-TIME 12/20/70 0017 SIZE 32 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
GRAND JCT COLO HOLIDAY INN	95348	ND	ND	ND	ND
808 ON-TIME 12/19/70 0935 PF					
OFF-TIME 12/20/70 0017 SIZE 32 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
GRAND JCT COLO HOLIDAY INN	95342	ND	ND	ND	ND
808 ON-TIME 12/20/70 0640 CC					
OFF-TIME 12/20/70 1640 SIZE 12 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
GRAND JCT COLO HOLIDAY INN	95349	ND	ND	ND	ND
808 ON-TIME 12/20/70 0640 PF					
OFF-TIME 12/20/70 1640 SIZE 12 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE COLORADO AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
GRAND VALLEY COLO - JOHN C CLEM RANCH 468 ON-TIME 12/19/70 1235 CC OFF-TIME 12/20/70 1450 SIZE 390 M3 GAMMA SPECTRUM NEGLIGIBLE	95887	ND	ND	ND	ND
GRAND VALLEY COLO - JOHN C CLEM RANCH 468 ON-TIME 12/19/70 1235 PF OFF-TIME 12/20/70 1450 SIZE 390 M3 GAMMA SPECTRUM NEGLIGIBLE	95883	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE IDAHO AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
BOISE IDA 071 ON-TIME 12/19/70 0915 CC OFF-TIME 12/20/70 0930 SIZE 350 M3	96204	1.3E00	ND	ND	ND
BOISE IDA 071 ON-TIME 12/19/70 0915 PF OFF-TIME 12/20/70 0930 SIZE 350 M3 141CE=0.4E00 103RU=0.6E00	95932	2.9E00	1.2E01	ND	ND
BOISE IDA 071 ON-TIME 12/20/70 0930 CC OFF-TIME 12/21/70 0900 SIZE 338 M3	96211	2.1E00	ND	ND	ND
BOISE IDA 071 ON-TIME 12/20/70 0930 PF OFF-TIME 12/21/70 0900 SIZE 338 M3 141CE=0.6E00 103RU=0.7E00	95933	3.3E00	1.2E01	ND	ND
BOISE IDA 071 ON-TIME 12/21/70 0900 PF OFF-TIME 12/22/70 0900 SIZE 346 M3 141CE=0.3E00 103RU=0.5E00	96002	1.9E00	5.7E00	ND	ND
IDAHO FALLS IDA 073 ON-TIME 12/18/70 1640 CC OFF-TIME 12/19/70 1049 SIZE 273 M3 GAMMA SPECTRUM NEGLIGIBLE	95141	ND	ND	ND	ND
IDAHO FALLS IDA 073 ON-TIME 12/19/70 1054 CC OFF-TIME 12/20/70 1630 SIZE 438 M3 GAMMA SPECTRUM NEGLIGIBLE	95583	ND	ND	ND	ND
IDAHO FALLS IDA 073 ON-TIME 12/19/70 1054 PF OFF-TIME 12/20/70 1630 SIZE 438 M3	95554	3.6E00	1.4E01	1.9E01	ND
IDAHO FALLS IDA 073 ON-TIME 12/20/70 1636 CC OFF-TIME 12/21/70 1034 SIZE 267 M3	95570	5.5E00	ND	1.6E01	ND

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BANEBERRY ACCUMULATIVE IDAHO AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
IDAHO FALLS IDA	95566	1.6E01	6.1E01	5.4E01	ND
073 ON-TIME 12/20/70 1636 PF					
OFF-TIME 12/21/70 1034 SIZE 267 M3					
IDAHO FALLS IDA	96225	1.0E00	ND	ND	ND
073 ON-TIME 12/21/70 1040 CC					
OFF-TIME 12/22/70 0907 SIZE 332 M3					
IDAHO FALLS IDA	96004	2.6E00	8.8E00	ND	ND
073 ON-TIME 12/21/70 1040 PF					
OFF-TIME 12/22/70 0907 SIZE 332 M3					
141CE=4.7E-01 103RU=5.9E-01					
IDAHO FALLS IDA	96191	0.5E00	ND	ND	ND
073 ON-TIME 12/23/70 1000 CC					
OFF-TIME 12/24/70 1100 SIZE 371 M3					
POCATELLO IDA	96197	ND	ND	ND	ND
501 ON-TIME 12/19/70 0845 CC					
OFF-TIME 12/20/70 0900 SIZE 339 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
POCATELLO IDA	96215	1.3E00	ND	ND	ND
501 ON-TIME 12/20/70 0900 CC					
OFF-TIME 12/21/70 0910 SIZE 356 M3					
POCATELLO IDA	96256	1.9E00	7.3E00	ND	ND
501 ON-TIME 12/20/70 0900 PF					
OFF-TIME 12/21/70 0910 SIZE 356 M3					
103RU=0.5E00					
PRESTON IDA	95134	ND	ND	ND	ND
079 ON-TIME 12/18/70 1400 CC					
OFF-TIME 12/19/70 1100 SIZE 321 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
PRESTON IDA	95580	ND	ND	ND	ND
079 ON-TIME 12/19/70 1100 CC					
OFF-TIME 12/20/70 1100 SIZE 366 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE IDAHO AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
PRESTON IDA	95556	1.9E00	8.7E00	1.3E01	ND
079 ON-TIME 12/19/70 1100 PF					
OFF-TIME 12/20/70 1100 SIZE 366 M3					
PRESTON IDA	96205	1.3E00	ND	ND	ND
079 ON-TIME 12/20/70 1100 CC					
OFF-TIME 12/21/70 1100 SIZE 366 M3					
PRESTON IDA	95938	4.7E00	1.7E01	ND	ND
079 ON-TIME 12/20/70 1100 PF					
OFF-TIME 12/21/70 1100 SIZE 366 M3					
141CE=0.8E00 103RU=0.9E00					
PRESTON IDA	96193	ND	ND	ND	ND
079 ON-TIME 12/21/70 1100 CC					
OFF-TIME 12/22/70 1100 SIZE 366 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
TWIN FALLS IDA	95585	0.2E00	ND	ND	ND
072 ON-TIME 12/19/70 0800 CC					
OFF-TIME 12/20/70 0850 SIZE 346 M3					
TWIN FALLS IDA	95553	0.7E00	2.9E00	4.4E00	ND
072 ON-TIME 12/19/70 0800 PF					
OFF-TIME 12/20/70 0850 SIZE 346 M3					
TWIN FALLS IDA	95581	1.3E00	ND	3.9E00	ND
072 ON-TIME 12/20/70 0900 CC					
OFF-TIME 12/21/70 0800 SIZE 321 M3					
TWIN FALLS IDA	95565	3.5E00	1.2E01	1.2E01	ND
072 ON-TIME 12/20/70 0900 PF					
OFF-TIME 12/21/70 0800 SIZE 321 M3					
TWIN FALLS IDA	96003	0.9E00	2.7E00	ND	ND
072 ON-TIME 12/21/70 0800 PF					
OFF-TIME 12/22/70 0800 SIZE 335 M3					
141CE=0.1E00 103RU=0.2E00					

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
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BANEBERRY ACCUMULATIVE MISSOURI AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
ST LOUIS MO	96179	0.6E00	1.2E00	ND	ND
090 ON-TIME 12/23/70 1757 PF					
OFF-TIME 12/24/70 1804 SIZE 347 M3					
103RU=0.2E00					

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BANEBERRY ACCUMULATIVE MONTANA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
BOZEMAN MONT	95571	ND	ND	ND	ND
503 ON-TIME 12/19/70 1240 CC					
OFF-TIME 12/20/70 1230 SIZE 323 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
BOZEMAN MONT	95559	2.2E00	8.1E00	1.4E01	ND
503 ON-TIME 12/19/70 1240 PF					
OFF-TIME 12/20/70 1230 SIZE 323 M3					
BOZEMAN MONT	95956	2.8E00	ND	4.9E01	ND
503 ON-TIME 12/20/70 1230 CC					
OFF-TIME 12/21/70 1240 SIZE 339 M3					
BOZEMAN MONT	95950	5.0E00	1.8E01	ND	ND
503 ON-TIME 12/20/70 1230 PF					
OFF-TIME 12/21/70 1240 SIZE 339 M3					
141CE=1.1E00 103RU=1.1E00					
MISSOULA MONT	96228	1.5E00	ND	ND	ND
506 ON-TIME 12/20/70 1415 CC					
OFF-TIME 12/21/70 1435 SIZE 360 M3					
MISSOULA MONT	95951	2.4E00	8.0E00	ND	ND
506 ON-TIME 12/20/70 1415 PF					
OFF-TIME 12/21/70 1435 SIZE 360 M3					
141CE=0.4E00 103RU=0.6E00					
MISSOULA MONT	96192	0.8E00	ND	ND	ND
506 ON-TIME 12/21/70 1435 CC					
OFF-TIME 12/22/70 1625 SIZE 381 M3					
MISSOULA MONT	96010	1.2E00	3.6E00	ND	ND
506 ON-TIME 12/21/70 1435 PF					
OFF-TIME 12/22/70 1625 SIZE 381 M3					
103RU=0.3E00					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
ADAVEN NEV 15MI S UHALDE WELL	93859	ND	ND	ND	ND
801 ON-TIME 12/18/70 1258 CC					
OFF-TIME 12/18/70 1718 SIZE 16 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
ADAVEN NEV 15MI S UHALDE WELL	93868	ND	1.2E01	2.0E01	ND
801 ON-TIME 12/18/70 1258 PF					
OFF-TIME 12/18/70 1718 SIZE 16 M3					
ADAVEN NEV UHALDES WELL 15 MI S	93969	ND	ND	6.8E00	ND
801 ON-TIME 12/18/70 1734 CC					
OFF-TIME 12/19/70 0234 SIZE 19 M3					
ADAVEN NEV UHALDES WELL 15 MI S	93979	ND	1.3E01	1.7E01	ND
801 ON-TIME 12/18/70 1734 PF					
OFF-TIME 12/19/70 0234 SIZE 19 M3					
ADAVEN NEV UHALDE RANCH	95001	4.1E00	ND	7.8E01	ND
806 ON-TIME 12/18/70 1340 CC					
OFF-TIME 12/18/70 2003 SIZE 29 M3					
ADAVEN NEV UHALDE RANCH	93988	1.5E00	1.2E02	2.7E02	ND
806 ON-TIME 12/18/70 1340 PF					
OFF-TIME 12/18/70 2003 SIZE 29 M3					
103RU=2.0E00					
ADAVEN NEV UHALDE RANCH	95002	2.1E00	ND	2.2E01	ND
806 ON-TIME 12/18/70 2010 CC					
OFF-TIME 12/19/70 0725 SIZE 43 M3					
ADAVEN NEV UHALDE RANCH	93987	3.1E00	2.0E01	3.3E01	ND
806 ON-TIME 12/18/70 2010 PF					
OFF-TIME 12/19/70 0725 SIZE 43 M3					
ALAMO NEV	93857	ND	ND	ND	ND
001 ON-TIME 12/18/70 0610 CC					
OFF-TIME 12/18/70 2145 SIZE 230 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
ALAMO NEV	93876	ND	ND	ND	ND
001 ON-TIME 12/18/70 0610 PF					
OFF-TIME 12/18/70 2145 SIZE 230 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
ALAMO NEV	93858	ND	ND	2.2E00	ND
001 ON-TIME 12/18/70 2152 CC					
OFF-TIME 12/19/70 0815 SIZE 154 M3					
ALAMO NEV	93875	0.8E00	7.5E00	7.4E00	ND
001 ON-TIME 12/18/70 2152 PF					
OFF-TIME 12/19/70 0815 SIZE 154 M3					
ALAMO NEV	95054	0.3E00	ND	1.6E00	ND
001 ON-TIME 12/19/70 0815 CC					
OFF-TIME 12/20/70 0800 SIZE 363 M3					
ALAMO NEV	95052	1.2E00	1.0E01	6.3E00	ND
001 ON-TIME 12/19/70 0815 PF					
OFF-TIME 12/20/70 0800 SIZE 363 M3					
ALAMO NEV	95229	ND	ND	ND	ND
001 ON-TIME 12/20/70 0800 CC					
OFF-TIME 12/21/70 0800 SIZE 365 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
ALAMO NEV	95230	0.1E00	1.0E00	0.4E00	ND
001 ON-TIME 12/20/70 0800 PF					
OFF-TIME 12/21/70 0800 SIZE 365 M3					
ALAMO NEV	95482	ND	ND	ND	ND
001 ON-TIME 12/21/70 0800 CC					
OFF-TIME 12/22/70 0725 SIZE 339 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
ALAMO NEV	95454	ND	ND	ND	ND
001 ON-TIME 12/21/70 0800 PF					
OFF-TIME 12/22/70 0725 SIZE 339 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
ALAMO NEV 001 ON-TIME 01/01/71 0800 PF OFF-TIME 01/02/71 0900 SIZE 382 M3 GAMMA SPECTRUM NEGLIGIBLE	96398	ND	ND	ND	ND
ALAMO NEV 001 ON-TIME 01/10/71 0900 PF OFF-TIME 01/11/71 0930 SIZE 374 M3 GAMMA SPECTRUM NEGLIGIBLE	96733	ND	ND	ND	ND
AUSTIN NEV 038 ON-TIME 12/18/70 1100 CC OFF-TIME 12/19/70 1200 SIZE 363 M3	95138	3.3E01	ND	7.9E02	ND
AUSTIN NEV 038 ON-TIME 12/18/70 1100 PF OFF-TIME 12/19/70 1200 SIZE 363 M3 103RU=1.1E01	95151	7.1E01	2.9E02	7.0E02	ND
AUSTIN NEV 038 ON-TIME 12/19/70 1200 CC OFF-TIME 12/20/70 0730 SIZE 279 M3	95824	6.8E00	ND	9.1E01	ND
AUSTIN NEV 038 ON-TIME 12/19/70 1200 PF OFF-TIME 12/20/70 0730 SIZE 279 M3	95770	1.7E01	6.3E01	ND	ND
AUSTIN NEV 038 ON-TIME 12/20/70 0730 CC OFF-TIME 12/21/70 0950 SIZE 364 M3	95815	2.8E00	ND	1.7E01	ND
AUSTIN NEV 038 ON-TIME 12/20/70 0730 PF OFF-TIME 12/21/70 0950 SIZE 364 M3	95779	0.9E00	2.3E00	1.2E01	ND
AUSTIN NEV 038 ON-TIME 12/21/70 0950 CC OFF-TIME 12/22/70 0900 SIZE 337 M3	96223	1.8E00	ND	ND	ND
AUSTIN NEV 038 ON-TIME 12/22/70 0900 CC OFF-TIME 12/23/70 1000 SIZE 347 M3	96231	0.8E00	ND	ND	ND

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
BATTLE MOUNTAIN NEV	95942	1.9E00	7.4E00	ND	ND
100 ON-TIME 12/18/70 1223 PF					
OFF-TIME 12/19/70 1330 SIZE 361 M3					
141CE=0.3E00 103RU=0.4E00					
BATTLE MOUNTAIN NEV	96187	8.7E00	1.4E01	ND	ND
100 ON-TIME 12/19/70 1331 CC					
OFF-TIME 12/20/70 1115 SIZE 312 M3					
BATTLE MOUNTAIN NEV	96189	8.6E00	1.4E01	ND	ND
100 ON-TIME 12/19/70 1331 PF					
OFF-TIME 12/20/70 1115 SIZE 312 M3					
141CE=1.0E00 103RU=3.3E00					
BATTLE MOUNTAIN NEV	96226	2.5E00	ND	ND	ND
100 ON-TIME 12/20/70 1116 CC					
OFF-TIME 12/21/70 1130 SIZE 350 M3					
BATTLE MOUNTAIN NEV	95943	2.1E00	7.9E00	ND	ND
100 ON-TIME 12/20/70 1116 PF					
OFF-TIME 12/21/70 1130 SIZE 350 M3					
141CE=0.3E00 103RU=0.3E00					
BEATTY NEV	93843	0.8E00	ND	1.6E01	4.7E00
002 ON-TIME 12/18/70 1828 CC					
OFF-TIME 12/19/70 1225 SIZE 263 M3					
BEATTY NEV	93863	1.0E00	4.2E00	7.3E00	5.7E00
002 ON-TIME 12/18/70 1828 PF					
OFF-TIME 12/19/70 1225 SIZE 263 M3					
BEATTY NEV	95139	2.4E00	ND	4.9E01	ND
002 ON-TIME 12/19/70 1230 CC					
OFF-TIME 12/19/70 1715 SIZE 73 M3					
BEATTY NEV	95152	2.6E00	6.4E00	2.1E01	ND
002 ON-TIME 12/19/70 1230 PF					
OFF-TIME 12/19/70 1715 SIZE 73 M3					
BEATTY NEV	95596	1.5E00	ND	5.1E00	ND
002 ON-TIME 12/20/70 1725 CC					
OFF-TIME 12/21/70 1721 SIZE 344 M3					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
BEATTY NEV	95560	1.2E00	3.3E00	3.9E00	ND
002 ON-TIME 12/20/70 1725 PF					
OFF-TIME 12/21/70 1721 SIZE 344 M3					
BLUE JAY NEV	93993	2.0E01	ND	2.8E02	ND
028 ON-TIME 12/18/70 2030 CC					
OFF-TIME 12/19/70 0810 SIZE 173 M3					
BLUE JAY NEV	95011	3.9E01	1.9E02	3.6E02	ND
028 ON-TIME 12/18/70 0740 PF					
OFF-TIME 12/19/70 0810 SIZE 362 M3					
BLUE JAY NEV	95170	1.1E01	ND	6.6E01	ND
028 ON-TIME 12/19/70 0810 CC					
OFF-TIME 12/20/70 0830 SIZE 359 M3					
BLUE JAY NEV	95171	8.8E00	3.6E01	4.3E01	ND
028 ON-TIME 12/19/70 0810 PF					
OFF-TIME 12/20/70 0830 SIZE 359 M3					
BLUE JAY NEV	95474	7.9E00	ND	2.0E01	ND
028 ON-TIME 12/20/70 0830 CC					
OFF-TIME 12/21/70 0810 SIZE 352 M3					
BLUE JAY NEV	95460	2.1E00	5.6E00	5.4E00	ND
028 ON-TIME 12/20/70 0830 PF					
OFF-TIME 12/21/70 0810 SIZE 352 M3					
BLUE JAY NEV	95483	3.4E00	ND	3.8E00	ND
028 ON-TIME 12/21/70 0810 CC					
OFF-TIME 12/22/70 0800 SIZE 353 M3					
BLUE JAY NEV	95461	0.4E00	1.1E00	0.5E00	ND
028 ON-TIME 12/21/70 0810 PF					
OFF-TIME 12/22/70 0800 SIZE 353 M3					
BLUE JAY NEV	96180	0.7E00	ND	ND	ND
028 ON-TIME 12/26/70 0935 PF					
OFF-TIME 12/27/70 0925 SIZE 353 M3					
BLUE JAY NEV	96181	0.6E00	ND	ND	ND
028 ON-TIME 12/27/70 0925 PF					
OFF-TIME 12/28/70 0730 SIZE 328 M3					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
CALIENTE NEV	95123	ND	ND	ND	ND
003 ON-TIME 12/18/70 1045 CC					
OFF-TIME 12/19/70 0735 SIZE 299 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
CALIENTE NEV	95392	1.4E00	6.3E00	1.5E01	ND
003 ON-TIME 12/18/70 1045 PF					
OFF-TIME 12/19/70 0735 SIZE 299 M3					
CALIENTE NEV	95575	0.3E00	ND	1.3E00	ND
003 ON-TIME 12/19/70 0735 CC					
OFF-TIME 12/20/70 0700 SIZE 337 M3					
CALIENTE NEV	95549	6.7E00	3.2E01	5.3E01	ND
003 ON-TIME 12/19/70 0735 PF					
OFF-TIME 12/20/70 0700 SIZE 337 M3					
CALIENTE NEV	95820	ND	ND	ND	ND
003 ON-TIME 12/20/70 0700 CC					
OFF-TIME 12/21/70 0600 SIZE 330 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
CALIENTE NEV	95774	0.3E00	1.0E00	ND	ND
003 ON-TIME 12/20/70 0700 PF					
OFF-TIME 12/21/70 0600 SIZE 330 M3					
CLARK STATION NEV	93994	3.8E01	ND	1.0E03	ND
102 ON-TIME 12/18/70 0800 CC					
OFF-TIME 12/19/70 0700 SIZE 318 M3					
CLARK STATION NEV	95006	1.9E02	8.7E02	2.4E03	ND
102 ON-TIME 12/18/70 0800 PF					
OFF-TIME 12/19/70 0700 SIZE 318 M3					
CLARK STATION NEV	95167	1.1E01	ND	1.0E02	ND
102 ON-TIME 12/19/70 1200 CC					
OFF-TIME 12/20/70 0800 SIZE 271 M3					
CLARK STATION NEV	95166	7.2E00	2.4E01	3.4E01	ND
102 ON-TIME 12/19/70 1200 PF					
OFF-TIME 12/20/70 0800 SIZE 271 M3					
103RU=1.0E00					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
CLARK STATION NEV	95452	3.3E00	ND	1.2E01	ND
102 ON-TIME 12/20/70 0800 CC					
OFF-TIME 12/21/70 0800 SIZE 330 M3					
CLARK STATION NEV	95467	1.2E00	2.8E00	3.3E00	ND
102 ON-TIME 12/20/70 0800 PF					
OFF-TIME 12/21/70 0800 SIZE 330 M3					
CLARK STATION NEV	95453	1.8E00	ND	2.8E00	ND
102 ON-TIME 12/21/70 0800 CC					
OFF-TIME 12/22/70 0800 SIZE 320 M3					
CLARK STATION NEV	95468	0.3E00	1.0E00	0.5E00	ND
102 ON-TIME 12/21/70 0800 PF					
OFF-TIME 12/22/70 0800 SIZE 320 M3					
CLARK STATION NEV	96566	4.0E00	ND	ND	ND
102 ON-TIME 12/23/70 0800 CC					
OFF-TIME 12/24/70 0800 SIZE 327 M3					
CLARK STATION NEV	96250	0.9E00	1.1E00	ND	ND
102 ON-TIME 12/23/70 0800 PF					
OFF-TIME 12/24/70 0800 SIZE 327 M3					
103RU=0.1E00					
CLARK STATION NEV	96567	3.7E00	ND	ND	ND
102 ON-TIME 12/24/70 0800 CC					
OFF-TIME 12/25/70 0800 SIZE 331 M3					
CLARK STATION NEV	96251	0.6E00	ND	ND	ND
102 ON-TIME 12/24/70 0800 PF					
OFF-TIME 12/25/70 0800 SIZE 331 M3					
CLARK STATION NEV	96568	3.0E00	ND	ND	ND
102 ON-TIME 12/25/70 0800 CC					
OFF-TIME 12/26/70 0800 SIZE 330 M3					
CLARK STATION NEV	96252	0.7E00	0.9E00	ND	ND
102 ON-TIME 12/25/70 0800 PF					
OFF-TIME 12/26/70 0800 SIZE 330 M3					
103RU=0.1E00					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
CLARK STATION NEV	96732	2.7E00	ND	ND	ND
102 ON-TIME 12/26/70 0800 CC					
OFF-TIME 12/27/70 0800 SIZE 307 M3					
CLARK STATION NEV	96253	1.7E00	2.3E00	ND	ND
102 ON-TIME 12/26/70 0800 PF					
OFF-TIME 12/27/70 0800 SIZE 307 M3					
103RU=0.9E00 140BA=0.3E00					
CLARK STATION NEV	96569	1.5E00	ND	ND	ND
102 ON-TIME 12/27/70 0800 CC					
OFF-TIME 12/28/70 0800 SIZE 334 M3					
CLARK STATION NEV	96570	1.3E00	ND	ND	ND
102 ON-TIME 12/28/70 0800 CC					
OFF-TIME 12/29/70 0800 SIZE 330 M3					
CLARK STATION NEV	96345	ND	ND	ND	ND
102 ON-TIME 12/29/70 0800 PF					
OFF-TIME 12/30/70 0800 SIZE 335 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
COYOTE SUMMIT NEV KOYNES RES	93845	ND	ND	2.6E01	ND
802 ON-TIME 12/18/70 1115 CC					
OFF-TIME 12/18/70 2000 SIZE 37 M3					
COYOTE SUMMIT NEV KOYNES RES	93869	4.3E00	1.2E01	2.7E01	ND
802 ON-TIME 12/18/70 1115 PF					
OFF-TIME 12/18/70 2000 SIZE 37 M3					
COYOTE SUMMIT NEV KOYNES RES	93897	ND	ND	ND	ND
802 ON-TIME 12/18/70 2000 CC					
OFF-TIME 12/19/70 0120 SIZE 11 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
COYOTE SUMMIT NEV KOYNES RES	93922	ND	ND	ND	ND
802 ON-TIME 12/18/70 2000 PF					
OFF-TIME 12/19/70 0120 SIZE 11 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
COYOTE SUMMIT NEV HWY 25 GUNDERSON TO 803 ON-TIME 12/18/70 1053 CC OFF-TIME 12/18/70 2025 SIZE 24 M3	93846	ND	ND	3.1E01	ND
COYOTE SUMMIT NEV HWY25 GUNDERSON TO 803 ON-TIME 12/18/70 1053 PF OFF-TIME 12/18/70 2025 SIZE 24 M3	93870	7.2E00	3.8E01	8.5E01	ND
COYOTE SUMMIT NEV HWY 25 GUNDERSON TO 803 ON-TIME 12/18/70 2025 CC OFF-TIME 12/18/70 2256 SIZE 5 M3 GAMMA SPECTRUM NEGLIGIBLE	93899	ND	ND	ND	ND
COYOTE SUMMIT NEV HWY 25 GUNDERSON TO 803 ON-TIME 12/18/70 2025 PF OFF-TIME 12/18/70 2256 SIZE 5 M3	93923	ND	1.2E01	1.3E01	ND
COYOTE SUMMIT NEV 973 ON-TIME 12/18/70 1000 CC OFF-TIME 12/18/70 2015 SIZE 42 M3	93862	ND	ND	1.4E01	ND
COYOTE SUMMIT NEV 973 ON-TIME 12/18/70 1000 PF OFF-TIME 12/18/70 2015 SIZE 42 M3	93873	ND	4.8E00	1.3E01	ND
COYOTE SUMMIT NEV 973 ON-TIME 12/18/70 2030 CC OFF-TIME 12/19/70 0419 SIZE 17 M3	93898	1.2E00	ND	3.8E01	ND
COYOTE SUMMIT NEV 973 ON-TIME 12/18/70 2030 PF OFF-TIME 12/19/70 0419 SIZE 17 M3	93925	ND	4.0E00	4.0E00	ND
CURRANT NEV 004 ON-TIME 12/18/70 0830 CC OFF-TIME 12/19/70 0740 SIZE 321 M3	93902	0.1E00	ND	4.3E00	ND
CURRANT NEV 004 ON-TIME 12/18/70 0830 PF OFF-TIME 12/19/70 0740 SIZE 321 M3	93916	3.6E00	2.2E01	3.0E01	ND

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
CURRANT NEV	95226	0.4E00	ND	2.4E00	ND
004 ON-TIME 12/19/70 0740 CC					
OFF-TIME 12/20/70 0700 SIZE 317 M3					
CURRANT NEV	95225	1.2E00	5.2E00	6.0E00	ND
004 ON-TIME 12/19/70 0740 PF					
OFF-TIME 12/20/70 0700 SIZE 317 M3					
CURRANT NEV	95831	0.6E00	ND	ND	ND
004 ON-TIME 12/20/70 0700 CC					
OFF-TIME 12/22/70 0530 SIZE 629 M3					
CURRANT NEV	95782	0.3E00	0.6E00	ND	ND
004 ON-TIME 12/20/70 0700 PF					
OFF-TIME 12/22/70 0530 SIZE 629 M3					
CURRANT NEV	96597	1.5E00	ND	ND	ND
004 ON-TIME 12/29/70 0645 CC					
OFF-TIME 12/30/70 0655 SIZE 334 M3					
BLUE EAGLE RANCH NEV	93906	2.2E00	ND	4.9E01	9.7E00
027 ON-TIME 12/18/70 1700 CC					
OFF-TIME 12/19/70 0935 SIZE 245 M3					
BLUE EAGLE RANCH NEV	93919	1.8E01	8.9E01	1.6E02	6.0E01
027 ON-TIME 12/18/70 1700 PF					
OFF-TIME 12/19/70 0935 SIZE 245 M3					
239PU=LT1E-04 238PU=LT4E-04					
89SR=0.4E00 90SR=LT1E-02					
BLUE EAGLE RANCH NEV	95192	6.0E00	ND	4.4E01	ND
027 ON-TIME 12/19/70 0940 CC					
OFF-TIME 12/20/70 0745 SIZE 309 M3					
BLUE EAGLE RANCH NEV	95191	2.1E01	8.4E01	9.8E01	ND
027 ON-TIME 12/19/70 0940 PF					
OFF-TIME 12/20/70 0745 SIZE 309 M3					
BLUE EAGLE RANCH NEV	95473	1.5E00	ND	4.0E00	ND
027 ON-TIME 12/20/70 0745 CC					
OFF-TIME 12/21/70 0640 SIZE 319 M3					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
BLUE EAGLE RANCH NEV	95459	2.3E00	7.8E00	6.8E00	ND
027 ON-TIME 12/20/70 0745 PF					
OFF-TIME 12/21/70 0640 SIZE 319 M3					
BLUE EAGLE RANCH NEV	96291	0.8E00	ND	ND	ND
027 ON-TIME 12/21/70 0645 CC					
OFF-TIME 12/22/70 1305 SIZE 432 M3					
BLUE EAGLE RANCH NEV	95838	0.6E00	ND	ND	ND
027 ON-TIME 12/22/70 1305 CC					
OFF-TIME 12/23/70 1310 SIZE 353 M3					
BLUE EAGLE RANCH NEV	95832	ND	ND	ND	ND
027 ON-TIME 12/22/70 1305 PF					
OFF-TIME 12/23/70 1310 SIZE 353 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
BLUE EAGLE RANCH NEV	95836	0.6E00	ND	ND	ND
027 ON-TIME 12/23/70 1315 CC					
OFF-TIME 12/24/70 0930 SIZE 288 M3					
BLUE EAGLE RANCH NEV	95833	0.2E00	ND	ND	ND
027 ON-TIME 12/23/70 1315 PF					
OFF-TIME 12/24/70 0930 SIZE 288 M3					
BLUE EAGLE RANCH NEV	96562	0.9E00	ND	ND	ND
027 ON-TIME 12/24/70 0935 CC					
OFF-TIME 12/25/70 1500 SIZE 429 M3					
CURRIE NEV	95947	3.0E00	1.3E01	ND	ND
111 ON-TIME 12/18/70 0758 PF					
OFF-TIME 12/18/70 1615 SIZE 128 M3					
103RU=0.5E00					
CURRIE NEV	95952	4.1E00	ND	ND	ND
111 ON-TIME 12/19/70 0737 CC					
OFF-TIME 12/20/70 0827 SIZE 385 M3					
CURRIE NEV	95948	0.4E00	1.5E00	ND	ND
111 ON-TIME 12/19/70 0737 PF					
OFF-TIME 12/20/70 0827 SIZE 385 M3					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
CURRIE NEV	95949	2.3E00	8.5E00	ND	ND
111 ON-TIME 12/20/70 0829 PF					
OFF-TIME 12/21/70 0700 SIZE 351 M3					
141CE=0.4E00 103RU=0.6E00					
DIABLO NEV	93901	ND	ND	ND	ND
006 ON-TIME 12/17/70 0800 CC					
OFF-TIME 12/18/70 0800 SIZE 346 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
DIABLO NEV	93917	ND	ND	ND	ND
006 ON-TIME 12/17/70 0800 PF					
OFF-TIME 12/18/70 0800 SIZE 346 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
DIABLO NEV	93907	3.8E00	ND	6.6E01	1.8E01
006 ON-TIME 12/18/70 0800 CC					
OFF-TIME 12/19/70 0800 SIZE 347 M3					
DIABLO NEV	93918	5.5E00	2.6E01	3.9E01	1.6E01
006 ON-TIME 12/18/70 0800 PF					
OFF-TIME 12/19/70 0800 SIZE 347 M3					
DIABLO NEV	95595	8.3E00	ND	5.3E01	ND
006 ON-TIME 12/19/70 0800 CC					
OFF-TIME 12/20/70 0800 SIZE 351 M3					
DIABLO NEV	95550	7.5E00	3.2E01	5.7E01	ND
006 ON-TIME 12/19/70 0800 PF					
OFF-TIME 12/20/70 0800 SIZE 351 M3					
DIABLO NEV	96293	3.7E00	ND	ND	ND
006 ON-TIME 12/20/70 0800 CC					
OFF-TIME 12/21/70 0800 SIZE 348 M3					
DIABLO NEV	95928	1.1E00	3.4E00	ND	ND
006 ON-TIME 12/20/70 0800 PF					
OFF-TIME 12/21/70 0800 SIZE 348 M3					
103RU=0.3E00					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB=NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
DIABLO NEV	96295	2.0E00	ND	ND	ND
006 ON-TIME 12/21/70 0800 CC					
OFF-TIME 12/22/70 0800 SIZE 344 M3					
DIABLO NEV	96549	4.1E00	ND	ND	ND
006 ON-TIME 12/22/70 0800 CC					
OFF-TIME 12/23/70 0800 SIZE 346 M3					
DIABLO NEV	96550	2.2E00	ND	ND	ND
006 ON-TIME 12/23/70 0800 CC					
OFF-TIME 12/24/70 0800 SIZE 348 M3					
DIABLO NEV	96551	2.5E00	ND	ND	ND
006 ON-TIME 12/25/70 0900 CC					
OFF-TIME 12/26/70 0700 SIZE 314 M3					
DIABLO NEV	96552	1.5E00	ND	ND	ND
006 ON-TIME 12/26/70 0700 CC					
OFF-TIME 12/27/70 0800 SIZE 356 M3					
DIABLO NEV	96183	0.5E00	ND	ND	ND
006 ON-TIME 12/26/70 0700 PF					
OFF-TIME 12/27/70 0800 SIZE 356 M3					
DIABLO NEV	96598	1.4E00	ND	ND	ND
006 ON-TIME 12/27/70 0800 CC					
OFF-TIME 12/28/70 0800 SIZE 341 M3					
DIABLO NEV	96599	0.9E00	ND	ND	ND
006 ON-TIME 12/30/70 0800 CC					
OFF-TIME 12/31/70 0800 SIZE 350 M3					
DIABLO NEV	96600	0.6E00	ND	ND	ND
006 ON-TIME 12/31/70 0800 CC					
OFF-TIME 01/01/71 0800 SIZE 338 M3					
DUCKWATER NEV	95008	ND	ND	ND	ND
110 ON-TIME 12/16/70 1900 PF					
OFF-TIME 12/17/70 2200 SIZE 369 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
DUCKWATER NEV	95009	2.3E01	1.0E02	1.9E02	ND
110 ON-TIME 12/18/70 0900 PF					
OFF-TIME 12/19/70 1025 SIZE 331 M3					
239PU=LT1E-04 238PU=LT4E-04					
89SR=0.4E00 90SR=0.1E-01					
DUCKWATER NEV	95469	6.1E00	2.2E01	2.9E01	ND
110 ON-TIME 12/19/70 1045 PF					
OFF-TIME 12/20/70 1230 SIZE 345 M3					
DUCKWATER NEV	95471	0.6E00	1.7E00	1.6E00	ND
110 ON-TIME 12/20/70 1230 PF					
OFF-TIME 12/21/70 0900 SIZE 294 M3					
DUCKWATER NEV	95470	0.3E00	0.5E00	0.2E00	ND
110 ON-TIME 12/21/70 0900 PF					
OFF-TIME 12/22/70 0900 SIZE 322 M3					
DUCKWATER NEV	95835	0.2E00	0.3E00	ND	ND
110 ON-TIME 12/22/70 0900 PF					
OFF-TIME 12/23/70 1800 SIZE 495 M3					
DUCKWATER NEV	96255	0.5E00	ND	ND	ND
110 ON-TIME 12/26/70 1715 PF					
OFF-TIME 12/27/70 1900 SIZE 334 M3					
ELKO NEV	95829	ND	ND	ND	ND
046 ON-TIME 12/19/70 1100 CC					
OFF-TIME 12/20/70 1225 SIZE 364 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
ELKO NEV	95772	6.3E00	2.4E01	ND	ND
046 ON-TIME 12/19/70 1100 PF					
OFF-TIME 12/20/70 1225 SIZE 364 M3					
ELKO NEV	95569	3.0E00	4.8E00	1.1E01	ND
046 ON-TIME 12/20/70 1225 CC					
OFF-TIME 12/21/70 0900 SIZE 314 M3					
ELKO NEV	95564	4.0E00	1.3E01	1.3E01	ND
046 ON-TIME 12/20/70 1225 PF					
OFF-TIME 12/21/70 0900 SIZE 314 M3					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
ELY NEV	93999	1.4E00	ND	1.7E01	ND
007 ON-TIME 12/18/70 1415 CC					
OFF-TIME 12/19/70 0900 SIZE 254 M3					
ELY NEV	95012	1.7E01	8.9E01	1.6E02	ND
007 ON-TIME 12/18/70 1415 PF					
OFF-TIME 12/19/70 0900 SIZE 254 M3					
ELY NEV	95579	6.2E00	ND	3.6E01	ND
007 ON-TIME 12/19/70 0900 CC					
OFF-TIME 12/20/70 1030 SIZE 334 M3					
ELY NEV	95551	2.0E01	8.2E01	1.3E02	ND
007 ON-TIME 12/19/70 0900 PF					
OFF-TIME 12/20/70 1030 SIZE 334 M3					
ELY NEV	95574	1.5E00	ND	5.3E00	ND
007 ON-TIME 12/20/70 1030 CC					
OFF-TIME 12/21/70 1445 SIZE 369 M3					
ELY NEV	95561	0.4E00	0.9E00	0.9E00	ND
007 ON-TIME 12/20/70 1030 PF					
OFF-TIME 12/21/70 1445 SIZE 369 M3					
ELY NEV	96048	2.6E00	8.7E00	ND	ND
007 ON-TIME 12/22/70 1500 CC					
OFF-TIME 12/23/70 0900 SIZE 236 M3					
EUREKA NEV	95160	2.9E01	1.2E02	2.5E02	ND
026 ON-TIME 12/18/70 1500 PF					
OFF-TIME 12/19/70 0700 SIZE 346 M3					
103RU=5.2E00 239PU=0.3E-03					
238PU=LT4E-04 89SR=0.5E00					
90SR=LT1E-02					
EUREKA NEV	93964	6.3E00	ND	9.9E01	ND
026 ON-TIME 12/19/70 0700 CC					
OFF-TIME 12/19/70 1330 SIZE 94 M3					
EUREKA NEV	93981	3.2E01	1.4E02	2.5E02	ND
026 ON-TIME 12/19/70 0700 PF					
OFF-TIME 12/19/70 1330 SIZE 94 M3					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
EUREKA NEV	95568	3.3E00	ND	3.2E01	ND
026 ON-TIME 12/19/70 1335 CC					
OFF-TIME 12/20/70 0700 SIZE 252 M3					
EUREKA NEV	95552	5.8E00	2.3E01	3.9E01	ND
026 ON-TIME 12/19/70 1335 PF					
OFF-TIME 12/20/70 0700 SIZE 252 M3					
EUREKA NEV	95573	3.3E00	ND	1.0E01	ND
026 ON-TIME 12/20/70 0700 CC					
OFF-TIME 12/21/70 0700 SIZE 346 M3					
EUREKA NEV	95563	1.4E00	3.9E00	4.7E00	ND
026 ON-TIME 12/20/70 0700 PF					
OFF-TIME 12/21/70 0700 SIZE 346 M3					
EUREKA NEV	96201	ND	ND	ND	ND
026 ON-TIME 12/21/70 0700 CC					
OFF-TIME 12/22/70 0700 SIZE 346 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
EUREKA NEV	96232	0.9E00	ND	ND	ND
026 ON-TIME 12/22/70 0700 CC					
OFF-TIME 12/23/70 0700 SIZE 346 M3					
EUREKA NEV	96290	1.1E00	ND	ND	ND
026 ON-TIME 12/23/70 0700 CC					
OFF-TIME 12/24/70 0700 SIZE 346 M3					
EUREKA NEV	96292	0.6E00	ND	ND	ND
026 ON-TIME 12/24/70 0700 CC					
OFF-TIME 12/25/70 0700 SIZE 346 M3					
FALLON NEV	93967	ND	ND	ND	ND
040 ON-TIME 12/18/70 1040 CC					
OFF-TIME 12/19/70 0833 SIZE 314 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
FALLON NEV	93983	ND	0.3E00	0.4E00	ND
040 ON-TIME 12/18/70 1040 PF					
OFF-TIME 12/19/70 0833 SIZE 314 M3					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
FALLON NEV	95830	3.1E00	ND	ND	ND
040 ON-TIME 12/19/70 0834 CC					
OFF-TIME 12/20/70 0930 SIZE 337 M3					
FALLON NEV	95771	7.3E00	2.5E01	ND	ND
040 ON-TIME 12/19/70 0834 PF					
OFF-TIME 12/20/70 0930 SIZE 337 M3					
FALLON NEV	95819	1.9E00	ND	ND	ND
040 ON-TIME 12/20/70 0931 CC					
OFF-TIME 12/21/70 0904 SIZE 318 M3					
FALLON NEV	95780	1.4E00	4.3E00	1.6E01	ND
040 ON-TIME 12/20/70 0931 PF					
OFF-TIME 12/21/70 0904 SIZE 318 M3					
FRENCHMAN STATION NEV	95143	ND	ND	ND	ND
039 ON-TIME 12/18/70 1803 CC					
OFF-TIME 12/19/70 0730 SIZE 200 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
FRENCHMAN STATION NEV	96224	2.3E01	8.3E01	ND	ND
039 ON-TIME 12/19/70 0733 CC					
OFF-TIME 12/20/70 0730 SIZE 730 M3					
FRENCHMAN STATION NEV	95954	1.8E01	6.4E01	ND	ND
039 ON-TIME 12/20/70 0733 CC					
OFF-TIME 12/21/70 0735 SIZE 363 M3					
FRENCHMAN STATION NEV	95955	2.0E00	6.5E00	ND	ND
039 ON-TIME 12/21/70 0738 CC					
OFF-TIME 12/22/70 0700 SIZE 350 M3					
GEYSER MAINTENANCE STATION NEV	93995	0.4E00	ND	1.4E01	ND
103 ON-TIME 12/18/70 1602 CC					
OFF-TIME 12/19/70 1400 SIZE 318 M3					
GEYSER MAINTENANCE STATION NEV	95013	2.3E01	1.2E02	1.8E02	ND
103 ON-TIME 12/18/70 1602 PF					
OFF-TIME 12/19/70 1400 SIZE 318 M3					
239PU=LT2E-04 238PU=LT5E-04					
89SR=0.5E00 90SR=0.1E-01					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
GEYSER MAINTENANCE STATION NEV	95953	7.0E00	ND	ND	ND
103 ON-TIME 12/19/70 1400 CC					
OFF-TIME 12/20/70 1705 SIZE 383 M3					
GEYSER MAINTENANCE STATION NEV	95945	2.7E01	1.2E02	ND	ND
103 ON-TIME 12/19/70 1400 PF					
OFF-TIME 12/20/70 1705 SIZE 383 M3					
103RU=5.3E00 141CE=5.0E00					
GOLDFIELD NEV	95137	1.6E00	ND	7.3E01	ND
011 ON-TIME 12/18/70 0800 CC					
OFF-TIME 12/19/70 0800 SIZE 335 M3					
GOLDFIELD NEV	95153	2.0E00	7.1E00	2.2E01	ND
011 ON-TIME 12/18/70 0800 PF					
OFF-TIME 12/19/70 0800 SIZE 335 M3					
103RU=0.2E00					
GOLDFIELD NEV	95826	3.7E00	ND	2.9E01	ND
011 ON-TIME 12/19/70 0800 CC					
OFF-TIME 12/20/70 0800 SIZE 335 M3					
GOLDFIELD NEV	95766	3.4E00	1.3E01	ND	ND
011 ON-TIME 12/19/70 0800 PF					
OFF-TIME 12/20/70 0800 SIZE 335 M3					
GOLDFIELD NEV	96207	1.2E00	ND	ND	ND
011 ON-TIME 12/20/70 0800 CC					
OFF-TIME 12/21/70 0800 SIZE 335 M3					
GOLDFIELD NEV	96190	ND	ND	ND	ND
011 ON-TIME 12/22/70 0800 CC					
OFF-TIME 12/23/70 0800 SIZE 335 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
GOLDFIELD NEV	96222	0.8E00	ND	ND	ND
011 ON-TIME 12/23/70 0800 CC					
OFF-TIME 12/24/70 0800 SIZE 335 M3					
GROOM LAKE NEV	96213	0.6E00	ND	ND	ND
030 ON-TIME 12/19/70 0735 CC					
OFF-TIME 12/23/70 1220 SIZE 1438 M3					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
GROOM LAKE NEV	96563	0.6E00	ND	ND	ND
030 ON-TIME 12/23/70 1220 CC					
OFF-TIME 12/28/70 1200 SIZE 1438 M3					
HANCOCK SUMMIT NEV 10 MI N	93861	ND	ND	ND	ND
804 ON-TIME 12/18/70 1025 CC					
OFF-TIME 12/18/70 2053 SIZE 27 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
HANCOCK SUMMIT NEV 10MI N	93871	ND	ND	ND	ND
804 ON-TIME 12/18/70 1025 PF					
OFF-TIME 12/18/70 2053 SIZE 27 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
HANCOCK SUMMIT NEV 10 MI N	95345	ND	ND	ND	ND
804 ON-TIME 12/18/70 2110 CC					
OFF-TIME 12/19/70 0116 SIZE 9 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
HANCOCK SUMMIT NEV 10 MI N	95347	ND	ND	ND	ND
804 ON-TIME 12/18/70 2110 PF					
OFF-TIME 12/19/70 0116 SIZE 9 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
HANCOCK SUMMIT NEV	95213	ND	ND	ND	ND
972 ON-TIME 12/19/70 1340 CC					
OFF-TIME 12/20/70 1240 SIZE 48 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
HANCOCK SUMMIT NEV	95214	1.2E00	4.4E00	4.6E00	ND
972 ON-TIME 12/19/70 1340 PF					
OFF-TIME 12/20/70 1240 SIZE 48 M3					
HIKO NEV	93855	ND	ND	ND	ND
012 ON-TIME 12/18/70 0900 CC					
OFF-TIME 12/18/70 2005 SIZE 157 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
HIKO NEV 012 ON-TIME 12/18/70 0900 PF OFF-TIME 12/18/70 2005 SIZE 157 M3 GAMMA SPECTRUM NEGLIGIBLE	93878	ND	ND	ND	ND
HIKO NEV 012 ON-TIME 12/18/70 2008 CC OFF-TIME 12/19/70 0900 SIZE 183 M3	93856	ND	ND	3.7E00	ND
HIKO NEV 012 ON-TIME 12/18/70 2008 PF OFF-TIME 12/19/70 0900 SIZE 183 M3	93877	2.5E00	8.2E00	1.6E01	ND
HIKO NEV 012 ON-TIME 12/19/70 0900 CC OFF-TIME 12/20/70 0900 SIZE 346 M3	95055	0.1E00	ND	1.3E00	ND
HIKO NEV 012 ON-TIME 12/19/70 0900 PF OFF-TIME 12/20/70 0900 SIZE 346 M3	95053	2.0E00	1.4E01	9.5E00	ND
HIKO NEV 012 ON-TIME 12/20/70 0900 CC OFF-TIME 12/21/70 0900 SIZE 346 M3 GAMMA SPECTRUM NEGLIGIBLE	95228	ND	ND	ND	ND
HIKO NEV 012 ON-TIME 12/20/70 0900 PF OFF-TIME 12/21/70 0900 SIZE 346 M3	95227	0.1E00	1.0E00	0.3E00	ND
HIKO NEV 012 ON-TIME 12/21/70 0900 CC OFF-TIME 12/22/70 0843 SIZE 340 M3 GAMMA SPECTRUM NEGLIGIBLE	95480	ND	ND	ND	ND
HIKO NEV 012 ON-TIME 12/21/70 0900 PF OFF-TIME 12/22/70 0843 SIZE 340 M3 GAMMA SPECTRUM NEGLIGIBLE	95455	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
HIKO NEV	96735	ND	ND	ND	ND
012 ON-TIME 01/10/71 0900 PF					
OFF-TIME 01/11/71 0900 SIZE 346 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
INDIAN SPRINGS NEV	95145	ND	ND	ND	ND
013 ON-TIME 12/18/70 0800 CC					
OFF-TIME 12/19/70 0800 SIZE 335 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
INDIAN SPRINGS NEV	95154	ND	ND	ND	ND
013 ON-TIME 12/18/70 0800 PF					
OFF-TIME 12/19/70 0800 SIZE 335 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
INDIAN SPRINGS NEV	96601	ND	ND	ND	ND
013 ON-TIME 01/05/71 0800 CC					
OFF-TIME 01/06/71 0800 SIZE 346 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
INDIAN SPRINGS NEV	96736	ND	ND	ND	ND
013 ON-TIME 01/10/71 0800 PF					
OFF-TIME 01/11/71 0800 SIZE 335 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
LAS VEGAS NEV	95125	ND	ND	ND	ND
014 ON-TIME 12/18/70 0938 CC					
OFF-TIME 12/21/70 0945 SIZE 977 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
LAS VEGAS NEV	95126	ND	ND	ND	ND
014 ON-TIME 12/18/70 0938 PF					
OFF-TIME 12/21/70 0945 SIZE 977 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
LAS VEGAS NEV 014 ON-TIME 12/22/70 0915 CC OFF-TIME 12/23/70 1015 SIZE 338 M3 GAMMA SPECTRUM NEGLIGIBLE	95545	ND	ND	ND	ND
LAS VEGAS NEV 014 ON-TIME 12/22/70 0915 PF OFF-TIME 12/23/70 1015 SIZE 338 M3 GAMMA SPECTRUM NEGLIGIBLE	95548	ND	ND	ND	ND
LAS VEGAS NEV 014 ON-TIME 01/10/71 0800 PF OFF-TIME 01/11/71 0800 SIZE 356 M3 GAMMA SPECTRUM NEGLIGIBLE	96739	ND	ND	ND	ND
LAS VEGAS NEV 014 ON-TIME 01/08/71 0906 PF OFF-TIME 01/11/71 0945 SIZE 919 M3 GAMMA SPECTRUM NEGLIGIBLE	96737	ND	ND	ND	ND
LAS VEGAS NEV 014 ON-TIME 01/11/71 0950 PF OFF-TIME 01/12/71 0835 SIZE 289 M3 GAMMA SPECTRUM NEGLIGIBLE	96738	ND	ND	ND	ND
LATHROP WELLS NEV 015 ON-TIME 12/18/70 0630 PF OFF-TIME 12/19/70 0630 SIZE 356 M3 GAMMA SPECTRUM NEGLIGIBLE	95155	ND	ND	ND	ND
LATHROP WELLS NEV 015 ON-TIME 12/23/70 0630 CC OFF-TIME 12/24/70 0630 SIZE 346 M3 GAMMA SPECTRUM NEGLIGIBLE	96195	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
LATHROP WELLS NEV 015 ON-TIME 12/25/70 1130 CC OFF-TIME 12/26/70 0730 SIZE 288 M3 GAMMA SPECTRUM NEGLIGIBLE	96557	ND	ND	ND	ND
LIDA NEV 034 ON-TIME 12/19/70 0635 CC OFF-TIME 12/20/70 0800 SIZE 386 M3	96047	9.6E00	ND	ND	ND
LIDA NEV 034 ON-TIME 12/19/70 0635 PF OFF-TIME 12/20/70 0800 SIZE 386 M3 103RU=0.3E00	95998	1.7E00	4.9E00	ND	ND
LIDA NEV 034 ON-TIME 12/20/70 0800 CC OFF-TIME 12/21/70 0715 SIZE 356 M3 GAMMA SPECTRUM NEGLIGIBLE	96196	ND	ND	ND	ND
LIDA NEV 034 ON-TIME 12/21/70 0715 CC OFF-TIME 12/22/70 0930 SIZE 398 M3	96203	1.1E00	ND	ND	ND
LIDA NEV 034 ON-TIME 12/22/70 0930 CC OFF-TIME 12/23/70 1054 SIZE 1054 M3 GAMMA SPECTRUM NEGLIGIBLE	96208	ND	ND	ND	ND
LIDA NEV 034 ON-TIME 12/23/70 1050 CC OFF-TIME 12/24/70 1015 SIZE 356 M3	96216	0.6E00	ND	ND	ND
LOVELOCK NEV 099 ON-TIME 12/18/70 1000 CC OFF-TIME 12/19/70 1000 SIZE 356 M3 GAMMA SPECTRUM NEGLIGIBLE	95122	ND	ND	ND	ND
LOVELOCK NEV 099 ON-TIME 12/19/70 1000 CC OFF-TIME 12/20/70 1000 SIZE 356 M3	95582	2.8E00	1.1E00	2.9E01	ND

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
LOVELOCK NEV	95557	1.0E01	3.9E01	6.9E01	ND
099 ON-TIME 12/19/70 1000 PF					
OFF-TIME 12/20/70 1000 SIZE 356 M3					
LOVELOCK NEV	96210	3.2E00	ND	ND	ND
099 ON-TIME 12/20/70 1000 CC					
OFF-TIME 12/21/70 1000 SIZE 356 M3					
LOVELOCK NEV	95941	2.7E00	9.5E00	ND	ND
099 ON-TIME 12/20/70 1000 PF					
OFF-TIME 12/21/70 1000 SIZE 356 M3					
141CE=0.4E00 103RU=0.6E00					
LOVELOCK NEV	96206	ND	ND	ND	ND
099 ON-TIME 12/21/70 1000 CC					
OFF-TIME 12/22/70 1000 SIZE 356 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
LUND NEV	94000	ND	ND	1.2E00	ND
016 ON-TIME 12/18/70 0748 CC					
OFF-TIME 12/18/70 2115 SIZE 206 M3					
LUND NEV	95007	ND	0.6E00	1.5E00	ND
016 ON-TIME 12/18/70 0748 PF					
OFF-TIME 12/18/70 2115 SIZE 206 M3					
LUND NEV	96221	ND	ND	ND	ND
016 ON-TIME 12/18/70 2120 CC					
OFF-TIME 12/19/70 0753 SIZE 162 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
LUND NEV	95156	3.7E01	1.6E02	3.5E02	ND
016 ON-TIME 12/18/70 2120 PF					
OFF-TIME 12/19/70 0753 SIZE 162 M3					
103RU=5.2E00					
LUND NEV	95232	1.0E00	ND	6.3E00	ND
016 ON-TIME 12/19/70 0753 CC					
OFF-TIME 12/20/70 0818 SIZE 372 M3					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
LUND NEV	95231	4.8E00	2.0E01	2.3E01	ND
016 ON-TIME 12/19/70 0753 PF					
OFF-TIME 12/20/70 0818 SIZE 372 M3					
MESQUITE NEV	95124	ND	ND	ND	ND
017 ON-TIME 12/18/70 1000 CC					
OFF-TIME 12/19/70 0800 SIZE 346 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
MESQUITE NEV	95157	ND	ND	ND	ND
017 ON-TIME 12/18/70 0800 PF					
OFF-TIME 12/19/70 0800 SIZE 346 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
MESQUITE NEV	95218	ND	ND	ND	ND
017 ON-TIME 12/19/70 0800 CC					
OFF-TIME 12/19/70 1525 SIZE 107 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
MESQUITE NEV	95217	ND	ND	ND	ND
017 ON-TIME 12/19/70 0800 PF					
OFF-TIME 12/19/70 1525 SIZE 107 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
MESQUITE NEV	95291	ND	ND	ND	ND
017 ON-TIME 12/19/70 1525 CC					
OFF-TIME 12/20/70 0800 SIZE 346 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
MESQUITE NEV	95290	ND	ND	ND	ND
017 ON-TIME 12/19/70 1525 PF					
OFF-TIME 12/20/70 0800 SIZE 346 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
MESQUITE NEV 017 ON-TIME 12/20/70 0800 CC OFF-TIME 12/21/70 0800 SIZE 346 M3 GAMMA SPECTRUM NEGLIGIBLE	95295	ND	ND	ND	ND
MESQUITE NEV 017 ON-TIME 12/20/70 0800 PF OFF-TIME 12/21/70 0800 SIZE 346 M3 GAMMA SPECTRUM NEGLIGIBLE	95294	ND	ND	ND	ND
WARM SPRINGS RANCH NEV 025 ON-TIME 12/18/70 0730 CC OFF-TIME 12/19/70 0730 SIZE 346 M3 GAMMA SPECTRUM NEGLIGIBLE	95135	ND	ND	ND	ND
WARM SPRINGS RANCH NEV 025 ON-TIME 12/18/70 0730 PF OFF-TIME 12/19/70 0730 SIZE 346 M3 GAMMA SPECTRUM NEGLIGIBLE	95159	ND	ND	ND	ND
WARM SPRINGS RANCH NEV 025 ON-TIME 01/10/71 0730 PF OFF-TIME 01/11/71 0730 SIZE 346 M3 GAMMA SPECTRUM NEGLIGIBLE	96741	ND	ND	ND	ND
NYALA NEV 048 ON-TIME 12/18/70 0800 CC OFF-TIME 12/18/70 2000 SIZE 181 M3	93852	ND	ND	7.2E00	ND
NYALA NEV 048 ON-TIME 12/18/70 0800 PF OFF-TIME 12/18/70 2000 SIZE 181 M3	93867	5.3E00	2.8E01	5.2E01	ND
NYALA NEV 048 ON-TIME 12/18/70 2005 CC OFF-TIME 12/19/70 0800 SIZE 178 M3	93904	0.7E00	ND	1.4E01	5.8E00

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
NYALA NEV 048 ON-TIME 12/18/70 2005 PF OFF-TIME 12/19/70 0800 SIZE 178 M3	93921	7.0E00	3.1E01	6.3E01	2.5E01
NYALA NEV 048 ON-TIME 12/19/70 0800 CC OFF-TIME 12/20/70 0800 SIZE 356 M3	95475	5.4E00	ND	3.9E01	ND
NYALA NEV 048 ON-TIME 12/19/70 0800 PF OFF-TIME 12/20/70 0800 SIZE 356 M3	95464	1.2E01	5.1E01	6.9E01	ND
NYALA NEV 048 ON-TIME 12/20/70 0800 CC OFF-TIME 12/21/70 0800 SIZE 356 M3	95478	2.6E00	ND	7.3E00	ND
NYALA NEV 048 ON-TIME 12/20/70 0800 PF OFF-TIME 12/21/70 0800 SIZE 356 M3	95465	2.4E00	7.3E00	6.4E00	ND
NYALA NEV 048 ON-TIME 12/21/70 0800 CC OFF-TIME 12/22/70 0800 SIZE 346 M3	95472	0.8E00	ND	0.9E00	ND
NYALA NEV 048 ON-TIME 12/21/70 0800 PF OFF-TIME 12/22/70 0800 SIZE 346 M3	95466	0.2E00	0.5E00	0.3E00	ND
NYALA NEV 048 ON-TIME 12/22/70 0800 CC OFF-TIME 12/23/70 0800 SIZE 335 M3	95599	0.8E00	ND	ND	ND
NYALA NEV 048 ON-TIME 12/22/70 0800 PF OFF-TIME 12/23/70 0800 SIZE 335 M3	95598	0.2E00	0.1E00	ND	ND
NYALA NEV 048 ON-TIME 12/23/70 0800 CC OFF-TIME 12/24/70 0800 SIZE 335 M3	95837	0.9E00	ND	ND	ND
NYALA NEV 048 ON-TIME 12/23/70 0800 PF OFF-TIME 12/24/70 0800 SIZE 335 M3	95834	0.4E00	0.3E00	ND	ND

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS.

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
NYALA NEV	96300	0.9E00	ND	ND	ND
048 ON-TIME 12/27/70 0800 PF					
OFF-TIME 12/28/70 0800 SIZE 335 M3					
PIOCHE NEV	95144	0.6E00	ND	1.3E01	ND
019 ON-TIME 12/18/70 1100 CC					
OFF-TIME 12/19/70 0700 SIZE 317 M3					
PIOCHE NEV	95158	5.2E00	2.2E01	4.5E01	ND
019 ON-TIME 12/18/70 0700 PF					
OFF-TIME 12/19/70 0700 SIZE 346 M3					
103RU=0.8E00					
PIOCHE NEV	95821	1.4E00	ND	ND	ND
019 ON-TIME 12/19/70 0700 CC					
OFF-TIME 12/20/70 0700 SIZE 346 M3					
PIOCHE NEV	95767	8.9E00	4.2E01	ND	ND
019 ON-TIME 12/19/70 0700 PF					
OFF-TIME 12/20/70 0700 SIZE 346 M3					
PIOCHE NEV	95813	ND	ND	ND	ND
019 ON-TIME 12/20/70 0700 CC					
OFF-TIME 12/21/70 0700 SIZE 346 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
PIOCHE NEV	95777	0.7E00	3.1E00	ND	ND
019 ON-TIME 12/20/70 0700 PF					
OFF-TIME 12/21/70 0700 SIZE 346 M3					
QUEEN CITY SUMMIT NEV HWY25 STAKE NY2	93860	ND	ND	1.1E02	3.9E01
805 ON-TIME 12/18/70 1005 CC					
OFF-TIME 12/18/70 2015 SIZE 43 M3					
QUEEN CITY SUMMIT NEV HWY25 STAKE NY2	93872	9.1E00	4.0E01	8.1E01	ND
805 ON-TIME 12/18/70 1005 PF					
OFF-TIME 12/18/70 2015 SIZE 43 M3					
QUEEN CITY SUMMIT NEV HWY25 STAKE NY2	93896	ND	ND	ND	ND
805 ON-TIME 12/18/70 2015 CC					
OFF-TIME 12/18/70 2251 SIZE 6 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
QUEEN CITY SUMMIT NEV HWY25 STAKE NY2	93924	ND	8.0E00	2.2E01	ND
805 ON-TIME 12/18/70 2015 PF					
OFF-TIME 12/18/70 2251 SIZE 6 M3					
RENO NEV	96230	0.9E00	ND	ND	ND
068 ON-TIME 12/18/70 1240 CC					
OFF-TIME 12/19/70 0825 SIZE 284 M3					
RENO NEV	96001	1.4E00	3.5E00	ND	ND
068 ON-TIME 12/18/70 1240 PF					
OFF-TIME 12/19/70 0825 SIZE 284 M3					
141CE=1.1E-01 103RU=1.5E-01					
RENO NEV	96043	7.5E00	ND	ND	ND
068 ON-TIME 12/19/70 0825 CC					
OFF-TIME 12/20/70 0735 SIZE 334 M3					
RENO NEV	95930	5.1E00	1.2E01	ND	ND
068 ON-TIME 12/19/70 0825 PF					
OFF-TIME 12/20/70 0735 SIZE 334 M3					
141CE=0.5E00 103RU=0.7E00					
RENO NEV	96229	1.7E00	ND	ND	ND
068 ON-TIME 12/20/70 0735 CC					
OFF-TIME 12/21/70 0735 SIZE 346 M3					
ROUND MOUNTAIN NEV	95150	1.5E01	ND	3.9E02	ND
035 ON-TIME 12/18/70 1146 CC					
OFF-TIME 12/19/70 1158 SIZE 338 M3					
ROUND MOUNTAIN NEV	95188	3.4E01	1.3E02	3.9E02	ND
035 ON-TIME 12/18/70 1146 PF					
OFF-TIME 12/19/70 1158 SIZE 338 M3					
103RU=5.2E00 239PU=LT2E-04					
238PU=LT3E-04 89SR=0.6E00					
90SR=LT1E-02					
ROUND MOUNTAIN NEV	95169	8.6E00	ND	9.0E01	ND
035 ON-TIME 12/19/70 1159 CC					
OFF-TIME 12/20/70 1018 SIZE 302 M3					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
ROUND MOUNTAIN NEV	95168	2.3E01	8.2E01	1.2E02	ND
035 ON-TIME 12/19/70 1159 PF					
OFF-TIME 12/20/70 1018 SIZE 302 M3					
103RU=4.8E00					
ROUND MOUNTAIN NEV	95477	1.1E00	ND	4.1E00	ND
035 ON-TIME 12/20/70 1019 CC					
OFF-TIME 12/21/70 1028 SIZE 338 M3					
ROUND MOUNTAIN NEV	95462	0.5E00	0.9E00	1.4E00	ND
035 ON-TIME 12/20/70 1019 PF					
OFF-TIME 12/21/70 1028 SIZE 338 M3					
ROUND MOUNTAIN NEV	95479	0.6E00	ND	1.6E00	ND
035 ON-TIME 12/21/70 1029 CC					
OFF-TIME 12/22/70 0956 SIZE 318 M3					
ROUND MOUNTAIN NEV	95463	0.2E00	0.3E00	0.3E00	ND
035 ON-TIME 12/21/70 1029 PF					
OFF-TIME 12/22/70 0956 SIZE 318 M3					
ROUND MOUNTAIN NEV	95597	0.1E00	0.3E00	ND	ND
035 ON-TIME 12/22/70 0957 PF					
OFF-TIME 12/23/70 1155 SIZE 352 M3					
ROUND MOUNTAIN NEV	95737	1.4E00	ND	ND	ND
035 ON-TIME 12/23/70 1156 CC					
OFF-TIME 12/24/70 1107 SIZE 314 M3					
ROUND MOUNTAIN NEV	95600	0.7E00	ND	0.5E00	ND
035 ON-TIME 12/22/70 0957 CC					
OFF-TIME 12/23/70 1155 SIZE 352 M3					
ROUND MOUNTAIN NEV	95736	0.4E00	0.5E00	ND	ND
035 ON-TIME 12/23/70 1156 PF					
OFF-TIME 12/24/70 1107 SIZE 314 M3					
ROUND MOUNTAIN NEV	96564	1.0E00	ND	ND	ND
035 ON-TIME 12/24/70 1108 CC					
OFF-TIME 12/25/70 1213 SIZE 340 M3					
ROUND MOUNTAIN NEV	96565	1.3E00	ND	ND	ND
035 ON-TIME 12/25/70 1214 CC					
OFF-TIME 12/26/70 1140 SIZE 317 M3					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB=NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
ROUND MOUNTAIN NEV	96657	ND	ND	ND	ND
035 ON-TIME 01/01/71 1326 PF					
OFF-TIME 01/02/71 1215 SIZE 330 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
SCOTTY'S JCT NEV	93844	2.6E00	ND	7.2E01	2.0E01
105 ON-TIME 12/18/70 1630 CC					
OFF-TIME 12/19/70 1130 SIZE 289 M3					
SCOTTY'S JCT NEV	93874	3.5E00	1.2E01	2.9E01	2.8E01
105 ON-TIME 12/18/70 1630 PF					
OFF-TIME 12/19/70 1130 SIZE 289 M3					
SCOTTY'S JCT NEV	96227	7.5E00	ND	ND	ND
105 ON-TIME 12/19/70 1135 CC					
OFF-TIME 12/19/70 1630 SIZE 73 M3					
SCOTTY'S JCT NEV	96254	5.8E00	2.0E01	ND	ND
105 ON-TIME 12/19/70 1135 PF					
OFF-TIME 12/19/70 1630 SIZE 73 M3					
103RU=1.1E00					
SCOTTY'S JCT NEV	96202	3.5E00	ND	ND	ND
105 ON-TIME 12/19/70 1630 CC					
OFF-TIME 12/20/70 1630 SIZE 346 M3					
SCOTTY'S JCT NEV	95946	2.8E00	9.6E00	ND	ND
105 ON-TIME 12/19/70 1630 PF					
OFF-TIME 12/20/70 1630 SIZE 346 M3					
141CE=0.3E00 103RU=0.6E00					
SUNNYSIDE NEV	93968	ND	ND	4.0E00	ND
033 ON-TIME 12/18/70 1450 CC					
OFF-TIME 12/18/70 2010 SIZE 79 M3					
SUNNYSIDE NEV	93980	ND	1.4E00	2.4E00	ND
033 ON-TIME 12/18/70 1450 PF					
OFF-TIME 12/18/70 2010 SIZE 79 M3					
SUNNYSIDE NEV	93895	ND	ND	1.6E01	4.8E00
033 ON-TIME 12/18/70 2015 CC					
OFF-TIME 12/19/70 1135 SIZE 229 M3					

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LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
SUNNYSIDE NEV	93920	4.5E00	6.4E01	9.8E01	2.0E01
033 ON-TIME 12/18/70 2015 PF					
OFF-TIME 12/19/70 1135 SIZE 229 M3					
SUNNYSIDE NEV	96299	1.7E00	ND	ND	ND
033 ON-TIME 12/19/70 1135 PF					
OFF-TIME 12/21/70 1930 SIZE 803 M3					
103RU=0.9E00					
TONOPAH NEV	93854	1.4E01	ND	2.9E02	9.8E01
022 ON-TIME 12/18/70 1130 CC					
OFF-TIME 12/19/70 0730 SIZE 289 M3					
TONOPAH NEV	93865	2.6E01	1.0E02	3.1E02	3.9E02
022 ON-TIME 12/18/70 1130 PF					
OFF-TIME 12/19/70 0730 SIZE 289 M3					
TONOPAH NEV	96044	4.0E00	ND	ND	ND
022 ON-TIME 12/19/70 0730 CC					
OFF-TIME 12/21/70 1815 SIZE 845 M3					
TONOPAH NEV	95929	1.4E00	4.6E00	ND	ND
022 ON-TIME 12/19/70 0730 PF					
OFF-TIME 12/21/70 1815 SIZE 845 M3					
103RU=0.3E00 141CE=0.2E00					
TONOPAH NEV	96289	1.5E00	ND	ND	ND
022 ON-TIME 12/21/70 1815 CC					
OFF-TIME 12/22/70 1600 SIZE 303 M3					
TONOPAH NEV	96218	1.2E00	ND	ND	ND
022 ON-TIME 12/22/70 1600 CC					
OFF-TIME 12/23/70 1600 SIZE 325 M3					
TONOPAH NEV	96219	0.8E00	ND	ND	ND
022 ON-TIME 12/23/70 1600 CC					
OFF-TIME 12/24/70 1600 SIZE 325 M3					
TONOPAH NEV	96558	1.4E00	ND	ND	ND
022 ON-TIME 12/25/70 1255 CC					
OFF-TIME 12/26/70 1400 SIZE 361 M3					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
TTR NEV	93853	3.9E00	ND	3.3E02	2.9E02
023 ON-TIME 12/18/70 0840 CC					
OFF-TIME 12/18/70 1840 SIZE 144 M3					
TTR NEV	93866	2.9E01	1.6E02	5.3E02	1.5E03
023 ON-TIME 12/18/70 0840 PF					
OFF-TIME 12/18/70 1840 SIZE 144 M3					
TTR NEV	93966	9.2E00	ND	2.4E02	ND
023 ON-TIME 12/18/70 1840 CC					
OFF-TIME 12/19/70 1121 SIZE 246 M3					
TTR NEV	93982	2.5E01	1.1E02	2.5E02	ND
023 ON-TIME 12/18/70 1840 PF					
OFF-TIME 12/19/70 1121 SIZE 246 M3					
239PU=0.2E-03 238PU=LT6E-04					
89SR=0.3E00 90SR=0.4E-01					
TTR NEV	95190	3.0E00	ND	2.3E01	ND
023 ON-TIME 12/19/70 1126 CC					
OFF-TIME 12/20/70 1050 SIZE 335 M3					
TTR NEV	95189	2.6E00	8.0E00	1.3E01	ND
023 ON-TIME 12/19/70 1126 PF					
OFF-TIME 12/20/70 1050 SIZE 335 M3					
TTR NEV	95476	0.5E00	ND	1.7E00	ND
023 ON-TIME 12/20/70 1050 CC					
OFF-TIME 12/21/70 0945 SIZE 331 M3					
TTR NEV	95456	ND	0.3E00	0.4E00	ND
023 ON-TIME 12/20/70 1050 PF					
OFF-TIME 12/21/70 0945 SIZE 331 M3					
TTR NEV	96559	1.5E00	ND	ND	ND
023 ON-TIME 12/22/70 0900 CC					
OFF-TIME 12/24/70 0730 SIZE 714 M3					
TTR NEV	96560	1.7E00	ND	ND	ND
023 ON-TIME 12/24/70 0730 CC					
OFF-TIME 12/25/70 0730 SIZE 366 M3					

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
TTR NEV	96561	1.3E00	ND	ND	ND
023 ON-TIME 12/25/70 0730 CC					
OFF-TIME 12/26/70 1000 SIZE 403 M3					
FALLINI'S (TWIN SPGS) RANCH NEV	93851	1.1E00	ND	2.4E01	1.9E01
009 ON-TIME 12/18/70 0800 CC					
OFF-TIME 12/18/70 2000 SIZE 157 M3					
FALLINI'S (TWIN SPGS) RANCH NEV	93864	4.3E00	1.3E01	3.0E01	2.3E01
009 ON-TIME 12/18/70 0800 PF					
OFF-TIME 12/18/70 2000 SIZE 157 M3					
FALLINI'S (TWIN SPGS) RANCH NEV	95198	7.0E00	ND	1.4E02	ND
009 ON-TIME 12/18/70 2000 CC					
OFF-TIME 12/19/70 0800 SIZE 162 M3					
FALLINI'S (TWIN SPGS) RANCH NEV	95197	1.4E01	6.2E01	1.4E02	ND
009 ON-TIME 12/18/70 2000 PF					
OFF-TIME 12/19/70 0800 SIZE 162 M3					
103RU=4.1E00					
FALLINI'S (TWIN SPGS) RANCH NEV	95194	1.5E01	ND	1.0E02	ND
009 ON-TIME 12/19/70 0800 CC					
OFF-TIME 12/20/70 0800 SIZE 322 M3					
FALLINI'S (TWIN SPGS) RANCH NEV	95193	1.4E01	5.3E01	6.6E01	ND
009 ON-TIME 12/19/70 0800 PF					
OFF-TIME 12/20/70 0800 SIZE 322 M3					
FALLINI'S (TWIN SPGS) RANCH NEV	95594	5.2E00	ND	1.3E01	ND
009 ON-TIME 12/20/70 0800 CC					
OFF-TIME 12/21/70 0800 SIZE 322 M3					
FALLINI'S (TWIN SPGS) RANCH NEV	95562	2.7E00	7.2E00	8.9E00	ND
009 ON-TIME 12/20/70 0800 PF					
OFF-TIME 12/21/70 0800 SIZE 322 M3					
FALLINI'S (TWIN SPGS) RANCH NEV	96220	1.7E00	ND	ND	ND
009 ON-TIME 12/21/70 0800 CC					
OFF-TIME 12/22/70 0800 SIZE 322 M3					
FALLINI'S (TWIN SPGS) RANCH NEV	96233	5.3E00	ND	ND	ND
009 ON-TIME 12/22/70 0800 CC					
OFF-TIME 12/23/70 0800 SIZE 322 M3					

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EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
FALLINI'S (TWIN SPGS) RANCH NEV 009 ON-TIME 12/24/70 0800 CC OFF-TIME 12/25/70 0800 SIZE 322 M3	96553	3.0E00	ND	ND	ND
FALLINI'S (TWIN SPGS) RANCH NEV 009 ON-TIME 12/25/70 0800 CC OFF-TIME 12/26/70 0800 SIZE 322 M3	96554	2.8E00	ND	ND	ND
FALLINI'S (TWIN SPGS) RANCH NEV 009 ON-TIME 12/26/70 0800 CC OFF-TIME 12/27/70 0800 SIZE 314 M3	96555	2.0E00	ND	ND	ND
FALLINI'S (TWIN SPGS) RANCH NEV 009 ON-TIME 12/26/70 0800 PF OFF-TIME 12/27/70 0800 SIZE 322 M3	96184	0.7E00	ND	ND	ND
FALLINI'S (TWIN SPGS) RANCH NEV 009 ON-TIME 12/27/70 0800 CC OFF-TIME 12/28/70 0800 SIZE 321 M3	96576	1.7E00	ND	ND	ND
FALLINI'S (TWIN SPGS) RANCH NEV 009 ON-TIME 12/27/70 0800 PF OFF-TIME 12/28/70 0800 SIZE 321 M3	96182	0.6E00	ND	ND	ND
FALLINI'S (TWIN SPGS) RANCH NEV 009 ON-TIME 12/28/70 0800 CC OFF-TIME 12/29/70 0800 SIZE 322 M3	96556	0.7E00	ND	ND	ND
WARM SPRINGS NEV 024 ON-TIME 12/18/70 0800 CC OFF-TIME 12/18/70 2030 SIZE 169 M3	95216	6.8E00	ND	1.2E02	ND
WARM SPRINGS NEV 024 ON-TIME 12/18/70 0800 PF OFF-TIME 12/18/70 2030 SIZE 169 M3	95215	1.6E01	6.5E01	1.6E02	ND
WARM SPRINGS NEV 024 ON-TIME 12/18/70 2030 CC OFF-TIME 12/19/70 1205 SIZE 199 M3	93996	4.7E00	ND	9.8E01	ND
WARM SPRINGS NEV 024 ON-TIME 12/18/70 2030 PF OFF-TIME 12/19/70 1205 SIZE 199 M3	95010	2.5E01	1.1E02	1.4E02	ND

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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
WARM SPRINGS NEV	95195	1.1E01	ND	6.9E01	ND
024 ON-TIME 12/19/70 1210 CC					
OFF-TIME 12/20/70 1300 SIZE 365 M3					
WARM SPRINGS NEV	95196	4.5E00	1.7E01	2.0E01	ND
024 ON-TIME 12/19/70 1210 PF					
OFF-TIME 12/20/70 1300 SIZE 365 M3					
103RU=1.1E00					
WARM SPRINGS NEV	95484	3.7E00	ND	8.9E00	ND
024 ON-TIME 12/20/70 1300 CC					
OFF-TIME 12/21/70 1140 SIZE 317 M3					
WARM SPRINGS NEV	95457	1.7E00	4.4E00	4.0E00	ND
024 ON-TIME 12/20/70 1300 PF					
OFF-TIME 12/21/70 1140 SIZE 317 M3					
WARM SPRINGS NEV	95481	2.1E00	ND	2.5E00	ND
024 ON-TIME 12/21/70 1140 CC					
OFF-TIME 12/22/70 0920 SIZE 292 M3					
WARM SPRINGS NEV	95458	0.3E00	0.7E00	0.3E00	ND
024 ON-TIME 12/21/70 1140 PF					
OFF-TIME 12/22/70 0920 SIZE 292 M3					
WELLS NEV	95944	0.8E00	2.6E00	ND	ND
101 ON-TIME 12/18/70 1703 PF					
OFF-TIME 12/19/70 1700 SIZE 344 M3					
WELLS NEV	95576	3.7E00	ND	2.0E01	ND
101 ON-TIME 12/19/70 1701 CC					
OFF-TIME 12/20/70 1700 SIZE 346 M3					
WELLS NEV	95558	9.4E00	3.7E01	5.0E01	ND
101 ON-TIME 12/19/70 1701 PF					
OFF-TIME 12/20/70 1700 SIZE 346 M3					
WINNEMUCCA NEV	95147	ND	ND	ND	ND
047 ON-TIME 12/18/70 0600 CC					
OFF-TIME 12/19/70 0600 SIZE 314 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

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IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
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BANEBERRY ACCUMULATIVE NEVADA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
WINNEMUCCA NEV 047 ON-TIME 12/19/70 0600 CC OFF-TIME 12/20/70 0600 SIZE 314 M3	95823	8.5E00	ND	1.1E02	ND
WINNEMUCCA NEV 047 ON-TIME 12/19/70 0600 PF OFF-TIME 12/20/70 0600 SIZE 314 M3	95773	3.8E01	1.5E02	ND	ND
WINNEMUCCA NEV 047 ON-TIME 12/20/70 0600 CC OFF-TIME 12/21/70 0600 SIZE 314 M3	95822	4.8E00	ND	3.5E01	ND
WINNEMUCCA NEV 047 ON-TIME 12/20/70 0600 PF OFF-TIME 12/21/70 0600 SIZE 314 M3	95781	8.6E00	3.3E01	1.3E02	ND
WINNEMUCCA NEV 047 ON-TIME 12/21/70 0600 CC OFF-TIME 12/22/70 0600 SIZE 314 M3 GAMMA SPECTRUM NEGLIGIBLE	95816	ND	ND	ND	ND
WINNEMUCCA NEV 047 ON-TIME 12/21/70 0600 PF OFF-TIME 12/22/70 0600 SIZE 314 M3	95783	0.5E00	1.2E00	ND	ND
WINNEMUCCA NEV 047 ON-TIME 12/22/70 0600 CC OFF-TIME 12/23/70 0600 SIZE 314 M3	96212	1.0E00	ND	ND	ND
WINNEMUCCA NEV 047 ON-TIME 12/23/70 0600 CC OFF-TIME 12/24/70 0615 SIZE 314 M3 GAMMA SPECTRUM NEGLIGIBLE	96199	ND	ND	ND	ND

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE.
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
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BANEBERRY ACCUMULATIVE NEW MEXICO AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
CARLSBAD N M	95136	ND	ND	ND	ND
042 ON-TIME 12/18/70 2100 CC					
OFF-TIME 12/19/70 1030 SIZE 176 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K- IS IN GRAMS PER UNIT OF SIZE.
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BANEBERRY ACCUMULATIVE OREGON AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
BURNS ORE	95931	1.0E00	3.2E00	ND	ND
070 ON-TIME 12/20/70 0844 PF					
OFF-TIME 12/21/70 0844 SIZE 346 M3					
103RU=0.2E00					

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

BANEBERRY ACCUMULATIVE SOUTH DAKOTA AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
RAPID CITY S D	96000	0.3E00	0.9E00	ND	ND
063 ON-TIME 12/21/70 1816 PF					
OFF-TIME 12/22/70 2220 SIZE 403 M3					

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
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EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
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BANEBERRY ACCUMULATIVE TEXAS AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
AUSTIN TEX 093 ON-TIME 12/19/70 1020 PF OFF-TIME 12/21/70 0925 SIZE 719 M3 GAMMA SPECTRUM NEGLIGIBLE	95540	ND	ND	ND	ND
AUSTIN TEX 093 ON-TIME 12/23/70 0830 PF OFF-TIME 12/24/70 1050 SIZE 397 M3	96249	0.2E00	ND	ND	ND

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BANEBERRY ACCUMULATIVE UTAH AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
CEDAR CITY UTAH	95289	ND	ND	ND	ND
032 ON-TIME 12/18/70 2350 CC					
OFF-TIME 12/19/70 2340 SIZE 332 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
CEDAR CITY UTAH	95288	ND	1.2E00	1.4E00	ND
032 ON-TIME 12/18/70 2350 PF					
OFF-TIME 12/19/70 2340 SIZE 332 M3					
CEDAR CITY UTAH	95293	ND	ND	ND	ND
032 ON-TIME 12/19/70 2340 CC					
OFF-TIME 12/20/70 2330 SIZE 332 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
CEDAR CITY UTAH	95292	0.3E00	1.1E00	0.8E00	ND
032 ON-TIME 12/19/70 2340 PF					
OFF-TIME 12/20/70 2330 SIZE 332 M3					
141CE=1.8E-01 103RU=5.3E-02					
DUGWAY UTAH	95149	ND	ND	ND	ND
082 ON-TIME 12/18/70 1500 CC					
OFF-TIME 12/19/70 0900 SIZE 259 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
DUGWAY UTAH	95939	1.0E00	4.3E00	ND	ND
082 ON-TIME 12/18/70 1500 PF					
OFF-TIME 12/19/70 0900 SIZE 259 M3					
103RU=0.2E00					
DUGWAY UTAH	95940	1.5E00	6.9E00	ND	ND
082 ON-TIME 12/19/70 0900 PF					
OFF-TIME 12/20/70 0900 SIZE 346 M3					
141CE=0.3E00 103RU=0.4E00					
ENTERPRISE UTAH	93984	ND	ND	ND	ND
008 ON-TIME 12/17/70 1705 PF					
OFF-TIME 12/18/70 1845 SIZE 358 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE UTAH AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
ENTERPRISE UTAH 008 ON-TIME 12/18/70 1845 CC OFF-TIME 12/19/70 1710 SIZE 304 M3 GAMMA SPECTRUM NEGLIGIBLE	93965	ND	ND	ND	ND
ENTERPRISE UTAH 008 ON-TIME 12/18/70 1845 PF OFF-TIME 12/19/70 1710 SIZE 304 M3	93985	ND	1.1E00	1.0E00	ND
ENTERPRISE UTAH 008 ON-TIME 12/19/70 1710 CC OFF-TIME 12/20/70 1700 SIZE 322 M3 GAMMA SPECTRUM NEGLIGIBLE	95287	ND	ND	ND	ND
ENTERPRISE UTAH 008 ON-TIME 12/19/70 1710 PF OFF-TIME 12/20/70 1700 SIZE 322 M3	95286	0.8E00	3.2E00	2.7E00	ND
GARRISON UTAH 029 ON-TIME 12/18/70 0800 PF OFF-TIME 12/19/70 0800 SIZE 346 M3 103RU=1.0E00	95161	6.7E00	3.0E01	6.1E01	ND
GARRISON UTAH 029 ON-TIME 12/19/70 0800 CC OFF-TIME 12/20/70 0800 SIZE 346 M3	95818	2.5E00	ND	ND	ND
GARRISON UTAH 029 ON-TIME 12/19/70 0800 PF OFF-TIME 12/20/70 0800 SIZE 346 M3	95768	2.4E01	9.9E01	ND	ND
GARRISON UTAH 029 ON-TIME 12/20/70 0800 CC OFF-TIME 12/21/70 0800 SIZE 346 M3	95827	0.3E00	ND	ND	ND
GARRISON UTAH 029 ON-TIME 12/20/70 0800 PF OFF-TIME 12/21/70 0800 SIZE 346 M3	95778	0.8E00	2.7E00	ND	ND

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BANEBERRY ACCUMULATIVE UTAH AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
GARRISON UTAH	96400	ND	ND	ND	ND
029 ON-TIME 01/01/71 0800 PF					
OFF-TIME 01/02/71 0800 SIZE 356 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
LOGAN UTAH	95572	3.1E00	ND	1.1E01	ND
078 ON-TIME 12/19/70 0830 CC					
OFF-TIME 12/20/70 1320 SIZE 415 M3					
LOGAN UTAH	95555	2.8E00	1.1E01	1.6E01	ND
078 ON-TIME 12/19/70 0830 PF					
OFF-TIME 12/20/70 1320 SIZE 415 M3					
LOGAN UTAH	95937	7.7E00	3.1E01	ND	ND
078 ON-TIME 12/20/70 1320 PF					
OFF-TIME 12/21/70 0830 SIZE 275 M3					
141CE=1.4E00 103RU=2.0E00					
LOGAN UTAH	96006	0.9E00	3.2E00	ND	ND
078 ON-TIME 12/21/70 0830 PF					
OFF-TIME 12/22/70 0850 SIZE 350 M3					
103RU=0.3E00					
LOGAN UTAH	96188	0.7E00	ND	ND	ND
078 ON-TIME 12/22/70 0850 CC					
OFF-TIME 12/23/70 0840 SIZE 332 M3					
MILFORD UTAH	95391	0.3E00	1.2E00	3.0E00	ND
036 ON-TIME 12/18/70 1600 PF					
OFF-TIME 12/19/70 1200 SIZE 288 M3					
MILFORD UTAH	95817	ND	ND	ND	ND
036 ON-TIME 12/19/70 1200 CC					
OFF-TIME 12/20/70 1200 SIZE 304 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
MILFORD UTAH	95769	0.6E00	2.6E00	ND	ND
036 ON-TIME 12/19/70 1200 PF					
OFF-TIME 12/20/70 1200 SIZE 304 M3					

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BANEBERRY ACCUMULATIVE UTAH AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
PAROWAN UTAH 031 ON-TIME 12/18/70 1600 CC OFF-TIME 12/19/70 1400 SIZE 317 M3 GAMMA SPECTRUM NEGLIGIBLE	93903	ND	ND	ND	ND
PAROWAN UTAH 031 ON-TIME 12/18/70 1600 PF OFF-TIME 12/19/70 1400 SIZE 317 M3 GAMMA SPECTRUM NEGLIGIBLE	93905	ND	ND	ND	ND
ST GEORGE UTAH 021 ON-TIME 12/18/70 1800 CC OFF-TIME 12/19/70 0520 SIZE 219 M3 GAMMA SPECTRUM NEGLIGIBLE	95578	ND	ND	ND	ND
ST GEORGE UTAH 021 ON-TIME 12/19/70 0525 CC OFF-TIME 12/19/70 2135 SIZE 219 M3 GAMMA SPECTRUM NEGLIGIBLE	95546	ND	ND	ND	ND
ST GEORGE UTAH 021 ON-TIME 12/19/70 0525 PF OFF-TIME 12/19/70 2135 SIZE 219 M3 GAMMA SPECTRUM NEGLIGIBLE	95547	ND	ND	ND	ND
ST GEORGE UTAH 021 ON-TIME 12/19/70 2135 CC OFF-TIME 12/20/70 0445 SIZE 166 M3 GAMMA SPECTRUM NEGLIGIBLE	95297	ND	ND	ND	ND
ST GEORGE UTAH 021 ON-TIME 12/19/70 2135 PF OFF-TIME 12/20/70 0445 SIZE 166 M3 GAMMA SPECTRUM NEGLIGIBLE	95296	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE UTAH AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
ST GEORGE UTAH	95299	ND	ND	ND	ND
021 ON-TIME 12/20/70 0445 CC					
OFF-TIME 12/21/70 0535 SIZE 326 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
ST GEORGE UTAH	95298	ND	ND	ND	ND
021 ON-TIME 12/20/70 0445 PF					
OFF-TIME 12/21/70 0535 SIZE 326 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
SALT LAKE CITY UTAH	95142	ND	ND	ND	ND
084 ON-TIME 12/18/70 1615 CC					
OFF-TIME 12/19/70 0845 SIZE 229 M3					
GAMMA SPECTRUM					
NEGLIGIBLE					
SALT LAKE CITY UTAH	95592	1.5E00	ND	8.3E00	ND
084 ON-TIME 12/19/70 0850 CC					
OFF-TIME 12/20/70 0840 SIZE 301 M3					
SALT LAKE CITY UTAH	95593	1.0E01	4.0E01	7.3E01	ND
084 ON-TIME 12/19/70 0850 PF					
OFF-TIME 12/20/70 0840 SIZE 301 M3					
SALT LAKE CITY UTAH	95584	1.0E00	ND	2.6E00	ND
084 ON-TIME 12/20/70 0840 CC					
OFF-TIME 12/21/70 0820 SIZE 332 M3					
SALT LAKE CITY UTAH	95567	3.1E00	1.1E01	1.0E01	ND
084 ON-TIME 12/20/70 0840 PF					
OFF-TIME 12/21/70 0820 SIZE 332 M3					
WENDOVER UTAH	96007	2.3E00	9.8E00	ND	ND
080 ON-TIME 12/19/70 0800 PF					
OFF-TIME 12/20/70 0800 SIZE 335 M3					
141CE=3.5E-01 103RU=4.4E-01					
WENDOVER UTAH	96209	0.6E00	ND	ND	ND
080 ON-TIME 12/20/70 0800 CC					
OFF-TIME 12/21/70 0800 SIZE 325 M3					

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BANEBERRY ACCUMULATIVE UTAH AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
WENDOVER UTAH	96008	5.6E00	2.3E01	ND	ND
080 ON-TIME 12/20/70 0800 PF					
OFF-TIME 12/21/70 0800 SIZE 325 M3					
103RU=1.7E00					
WENDOVER UTAH	96009	1.4E00	5.2E00	ND	ND
080 ON-TIME 12/21/70 0800 PF					
OFF-TIME 12/22/70 0800 SIZE 335 M3					
141CE=0.4E00 103RU=0.4E00					
WENDOVER UTAH	96214	1.3E00	ND	ND	ND
080 ON-TIME 12/22/70 0800 CC					
OFF-TIME 12/23/70 0800 SIZE 325 M3					

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
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EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

BANEBERRY ACCUMULATIVE WASHINGTON AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
SPOKANE WASH	95999	0.2E00	0.6E00	ND	ND
051 ON-TIME 12/18/70 1100 PF					
OFF-TIME 12/21/70 0800 SIZE 1023 M3					
103RU=0.4E-01					

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

BANEBERRY ACCUMULATIVE WYOMING AIR RESULTS

LOCATION	LAB-NO.& USE CODE	131I PCI/M3	132TE PCI/M3	133I PCI/M3	135I PCI/M3
ROCK SPRINGS WYO 075 ON-TIME 12/19/70 0700 PF OFF-TIME 12/20/70 0700 SIZE 325 M3 103RU=0.3E00	95935	1.5E00	5.7E00	ND	ND
ROCK SPRINGS WYO 075 ON-TIME 12/20/70 0700 PF OFF-TIME 12/21/70 0700 SIZE 325 M3 141CE=0.3E00 103RU=0.3E00	95936	1.9E00	6.8E00	ND	ND
WORLAND WYO 074 ON-TIME 12/20/70 0745 PF OFF-TIME 12/21/70 0745 SIZE 377 M3 141CE=0.5E00 103RU=0.6E00	95934	2.6E00	1.0E01	ND	ND
WORLAND WYO 074 ON-TIME 12/21/70 0745 PF OFF-TIME 12/22/70 0745 SIZE 377 M3 141CE=1.2E00 103RU=2.3E00	96005	8.5E00	2.9E01	ND	ND

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
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BANEBERRY ACCUMULATIVE NEVADA FOOD CROP RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/KG	131I PCI/KG
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/31/70 0930 SIZE .589 KG EGG GAMMA SPECTRUM NEGLIGIBLE	96124	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/31/70 0930 SIZE .082 KG EGSH GAMMA SPECTRUM NEGLIGIBLE	96177	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/31/70 0930 SIZE .503 KG EGG GAMMA SPECTRUM NEGLIGIBLE	96178	ND	ND

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LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

BANEBERRY ACCUMULATIVE CALIFORNIA FEED RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/KG	131I PCI/KG	133I PCI/KG	135I PCI/KG
HINKLEY CALIF - BILL NELSON DAIRY COLLECTED 12/23/70 1600 SIZE .643 KG GAMMA SPECTRUM NEGLIGIBLE	95670	ND	ND	ND	ND
HINKLEY CALIF - BILL NELSON DAIRY COLLECTED 12/24/70 1445 SIZE .671 KG GAMMA SPECTRUM NEGLIGIBLE	95746	ND	ND	ND	ND
INDEPENDENCE CALIF SMITH RANCH COLLECTED 12/23/70 1930 SIZE .520 KG	95668	1.3E03	4.6E02	5.1E02	ND
INDEPENDENCE CALIF SMITH RANCH COLLECTED 12/24/70 0830 SIZE .510 KG	95669	7.0E02	3.9E02	ND	ND
OLANCHA CALIF HUNTER RANCH COLLECTED 12/24/70 1130 SIZE 1.05 KG GAMMA SPECTRUM NEGLIGIBLE	95745	ND	ND	ND	ND

NOTE--UNLESS OTHERWISE NOTED, RESULTS ARE
IN PICO-CURIES PER UNIT OF SIZE,
EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/KG	131I PCI/KG	133I PCI/KG	135I PCI/KG
ALAMO NEV KAY WRIGHT DAIRY COLLECTED 12/19/70 1025 SIZE .56 KG GAMMA SPECTRUM NEGLIGIBLE	93840	ND	ND	ND	ND
ALAMO NEV KAY WRIGHT DAIRY COLLECTED 12/20/70 0920 SIZE .795 KG	95029	2.8E02	ND	2.1E02	ND
ALAMO NEV KAY WRIGHT DAIRY COLLECTED 12/21/70 0825 SIZE 1.29 KG	95260	7.2E01	ND	8.9E01	ND
ALAMO NEV KAY WRIGHT DAIRY COLLECTED 12/22/70 0810 SIZE 1.44 KG GAMMA SPECTRUM NEGLIGIBLE	95406	ND	ND	ND	ND
AUSTIN NEV - YOUNG'S RANCH COLLECTED 12/20/70 1600 SIZE .640 KG	95201	8.6E02	2.6E02	1.7E03	ND
AUSTIN NEV - YOUNG'S RANCH COLLECTED 12/21/70 1230 SIZE .712 KG	95404	2.9E03	1.1E03	3.9E03	ND
AUSTIN NEV - YOUNG'S RANCH COLLECTED 12/22/70 0830 SIZE .664 KG	95401	1.5E02	6.5E01	3.2E02	ND
AUSTIN NEV - YOUNG'S RANCH COLLECTED 12/23/70 1130 SIZE .641 KG	95601	3.8E02	1.9E02	4.5E02	ND
AUSTIN NEV - YOUNG'S RANCH COLLECTED 12/24/70 0900 SIZE .832 KG	95729	4.1E02	1.7E02	2.1E02	ND
AUSTIN NEV - YOUNG'S RANCH COLLECTED 12/27/70 0900 SIZE .806 KG	95918	1.4E02	7.3E01	ND	ND
AUSTIN NEV - TRIPLE T RANCH COLLECTED 12/19/70 1530 SIZE .509 KG	95027	6.6E03	ND	3.3E04	ND
AUSTIN NEV - TRIPLE T RANCH COLLECTED 12/20/70 1120 SIZE .740 KG	95207	8.7E03	3.0E03	2.3E04	ND
AUSTIN NEV - TRIPLE T RANCH COLLECTED 12/21/70 1200 SIZE .554 KG	95430	1.3E03	3.7E02	1.3E03	ND

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EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/KG	131I PCI/KG	133I PCI/KG	135I PCI/KG
AUSTIN NEV - TRIPLE T RANCH COLLECTED 12/22/70 0920 SIZE .517 KG	95424	3.9E02	1.9E01	2.8E02	ND
AUSTIN NEV - TRIPLE T RANCH COLLECTED 12/23/70 1200 SIZE .584 KG	95608	1.2E03	6.4E02	8.1E02	ND
AUSTIN NEV - TRIPLE T RANCH COLLECTED 12/24/70 0925 SIZE .985 KG	95728	2.0E03	1.0E03	1.0E03	ND
AUSTIN NEV - TRIPLE T RANCH COLLECTED 12/27/70 1200 SIZE .754 KG	95916	1.4E03	1.1E03	1.3E03	ND
BEATTY NEV KIBBE RANCH COLLECTED 12/31/70 1505 SIZE .700 KG GAMMA SPECTRUM NEGLIGIBLE	96174	ND	ND	ND	ND
BEATTY NEV KIBBE RANCH COLLECTED 12/31/70 1505 SIZE .308 KG	96172	ND	3.1E02	ND	ND
CURRANT NEV - BLUE EAGLE RANCH COLLECTED 12/19/70 0945 SIZE .971 KG	93889	1.6E03	ND	2.5E03	ND
CURRANT NEV - BLUE EAGLE RANCH COLLECTED 12/20/70 1200 SIZE .628 KG	95204	8.0E02	2.4E02	1.3E03	ND
CURRANT NEV - BLUE EAGLE RANCH COLLECTED 12/21/70 1115 SIZE .652 KG GAMMA SPECTRUM NEGLIGIBLE	95405	ND	ND	ND	ND
CURRANT NEV - BLUE EAGLE RANCH COLLECTED 12/22/70 1030 SIZE .768 KG	95399	2.5E02	ND	1.5E02	ND
CURRANT NEV - BLUE EAGLE RANCH COLLECTED 12/23/70 0845 SIZE .524 KG	95609	1.8E02	1.0E02	ND	ND
CURRANT NEV - BLUE EAGLE RANCH COLLECTED 12/24/70 1130 SIZE .650 KG GAMMA SPECTRUM NEGLIGIBLE	95751	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/KG	131I PCI/KG	133I PCI/KG	135I PCI/KG
CURRANT NEV - BLUE EAGLE RANCH COLLECTED 12/28/70 1420 SIZE .854 KG GAMMA SPECTRUM NEGLIGIBLE	95921	ND	ND	ND	ND
DUCKWATER NEV - HALSTEAD RANCH COLLECTED 12/19/70 0930 SIZE .533 KG	95024	4.0E03	ND	1.2E04	ND
DUCKWATER NEV - HALSTEAD RANCH COLLECTED 12/19/70 0930 SIZE .166 KG	95040	1.6E03	ND	4.3E03	ND
DUCKWATER NEV - HALSTEAD RANCH COLLECTED 12/20/70 1310 SIZE .583 KG	95205	7.1E03	2.5E03	1.4E04	ND
DUCKWATER NEV - HALSTEAD RANCH COLLECTED 12/21/70 1230 SIZE .668 KG	95398	7.7E02	2.2E02	7.4E02	ND
DUCKWATER NEV - HALSTEAD RANCH COLLECTED 12/22/70 1130 SIZE .552 KG	95400	4.2E02	3.0E02	4.7E02	ND
DUCKWATER NEV - HALSTEAD RANCH COLLECTED 12/23/70 0745 SIZE .422 KG	95607	4.2E02	2.2E02	ND	ND
DUCKWATER NEV - HALSTEAD RANCH COLLECTED 12/24/70 0920 SIZE .560 KG	95752	2.3E02	1.7E02	ND	ND
DUCKWATER NEV - HALSTEAD RANCH COLLECTED 12/28/70 1600 SIZE .420 KG GAMMA SPECTRUM NEGLIGIBLE	95919	ND	ND	ND	ND
EUREKA NEV - MARTIN RANCH COLLECTED 12/20/70 1410 SIZE .525 KG	95203	3.1E03	1.4E03	1.3E04	ND
EUREKA NEV - MARTIN RANCH COLLECTED 12/21/70 1500 SIZE .685 KG	95433	5.0E02	9.5E01	5.2E02	ND
EUREKA NEV - MARTIN RANCH COLLECTED 12/23/70 0700 SIZE .753 KG	95604	ND	5.8E02	ND	ND
EUREKA NEV - MARTIN RANCH COLLECTED 12/24/70 0715 SIZE .608 KG GAMMA SPECTRUM NEGLIGIBLE	95731	ND	ND	ND	ND

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LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION	LAB=NO.& USE CODE	132TE PCI/KG	131I PCI/KG	133I PCI/KG	135I PCI/KG
EUREKA NEV - MARTIN RANCH COLLECTED 12/27/70 1000 SIZE .599 KG	95917	1.4E02	1.6E02	ND	ND
EUREKA NEV - MARTIN RANCH COLLECTED 12/29/70 1400 SIZE .910 KG	96061	5.7E02	8.4E02	ND	ND
HIKO NEV - SCHOFIELD DAIRY COLLECTED 12/19/70 1140 SIZE .590 KG	93841	1.8E02	ND	4.6E02	ND
HIKO NEV - SCHOFIELD DAIRY COLLECTED 12/20/70 1020 SIZE .708 KG GAMMA SPECTRUM NEGLIGIBLE	95030	ND	ND	ND	ND
HIKO NEV - SCHOFIELD DAIRY COLLECTED 12/21/70 0925 SIZE 1.97 KG	95256	3.8E02	9.2E01	2.7E02	ND
HIKO NEV - SCHOFIELD DAIRY COLLECTED 12/22/70 0905 SIZE 1.83 KG	95428	1.0E03	4.8E02	9.5E02	ND
LATHROP WELLS NEV EASTMAN RANCH COLLECTED 12/23/70 1020 SIZE .880 KG GAMMA SPECTRUM NEGLIGIBLE	95587	ND	ND	ND	ND
LATHROP WELLS NEV EASTMAN RANCH COLLECTED 12/24/70 0930 SIZE 1.03 KG GAMMA SPECTRUM NEGLIGIBLE	95689	ND	ND	ND	ND
LUND NEV - MCKENZIE DAIRY COLLECTED 12/19/70 1030 SIZE .480 KG	93879	6.0E02	ND	1.2E03	ND
LUND NEV - MCKENZIE DAIRY COLLECTED 12/20/70 1030 SIZE .163 KG GAMMA SPECTRUM NEGLIGIBLE	93915	ND	ND	ND	ND
LUND NEV - MCKENZIE DAIRY COLLECTED 12/20/70 1130 SIZE .460 KG	95261	ND	ND	1.3E03	ND

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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/KG	131I PCI/KG	133I PCI/KG	135I PCI/KG
LUND NEV - MCKENZIE DAIRY COLLECTED 12/21/70 0920 SIZE .150 KG GAMMA SPECTRUM NEGLIGIBLE	95257	ND	ND	ND	ND
LUND NEV - MCKENZIE DAIRY COLLECTED 12/22/70 0900 SIZE .410 KG	95497	ND	1.9E02	ND	ND
MCGILL NEV - LARSEN RANCH COLLECTED 12/21/70 1730 SIZE .541 KG GAMMA SPECTRUM NEGLIGIBLE	95495	ND	ND	ND	ND
MCGILL NEV - LARSEN RANCH COLLECTED 12/22/70 1130 SIZE .360 KG GAMMA SPECTRUM NEGLIGIBLE	95494	ND	ND	ND	ND
MCGILL NEV - LARSEN RANCH COLLECTED 12/23/70 1125 SIZE .640 KG GAMMA SPECTRUM NEGLIGIBLE	95603	ND	ND	ND	ND
MESQUITE NEV - HUGHES BROS DAIRY COLLECTED 12/19/70 1630 SIZE .390 KG GAMMA SPECTRUM NEGLIGIBLE	93910	ND	ND	ND	ND
MESQUITE NEV - HUGHES BROS DAIRY COLLECTED 12/21/70 1630 SIZE .950 KG GAMMA SPECTRUM NEGLIGIBLE	95311	ND	ND	ND	ND
NYALA NEV - SHARP'S RANCH COLLECTED 12/19/70 1130 SIZE 1.26 KG	93888	9.3E02	ND	1.7E03	ND
NYALA NEV - SHARP'S RANCH COLLECTED 12/20/70 1100 SIZE .941 KG	95202	7.7E02	2.2E02	1.2E03	ND
NYALA NEV - SHARP'S RANCH COLLECTED 12/21/70 1020 SIZE 1.07 KG	95425	4.9E02	1.3E02	7.3E02	ND
NYALA NEV - SHARP'S RANCH COLLECTED 12/22/70 0945 SIZE .868 KG	95429	1.8E03	7.0E02	1.6E03	ND

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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/KG	131I PCI/KG	133I PCI/KG	135I PCI/KG
NYALA NEV - SHARP'S RANCH COLLECTED 12/23/70 0945 SIZE .900 KG	95605	1.7E02	8.0E01	1.4E02	ND
NYALA NEV - SHARP'S RANCH COLLECTED 12/24/70 1210 SIZE .802 KG	95753	2.1E02	1.3E02	ND	ND
NYALA NEV - SHARP'S RANCH COLLECTED 12/28/70 1330 SIZE .845 KG GAMMA SPECTRUM NEGLIGIBLE	95920	ND	ND	ND	ND
PANACA NEV - KENNETH LEE RANCH COLLECTED 12/20/70 1220 SIZE .892 KG	95036	1.1E03	ND	1.4E03	ND
PANACA NEV - KENNETH LEE RANCH COLLECTED 12/21/70 1155 SIZE 1.43 KG	95259	2.9E02	5.3E01	1.9E02	ND
PANACA NEV - KENNETH LEE RANCH COLLECTED 12/22/70 1045 SIZE .915 KG	95403	1.0E02	ND	1.2E02	ND
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/19/70 1630 SIZE .328 KG	95023	2.4E03	ND	1.1E03	ND
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/20/70 1515 SIZE .720 KG	95200	2.2E02	6.9E01	5.6E02	ND
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/21/70 1015 SIZE .303 KG	95426	9.4E02	4.8E02	1.6E03	ND
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/22/70 1005 SIZE .455 KG	95397	7.8E02	5.9E02	1.2E03	ND
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/23/70 1300 SIZE .507 KG	95602	7.1E02	3.4E02	4.2E02	ND
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/24/70 1110 SIZE .856 KG	95730	5.6E02	3.9E02	2.2E02	ND
ROUND MT NEV - KARL BERG RANCH COLLECTED 12/27/70 1400 SIZE .428 KG	95915	ND	1.6E02	ND	ND
SHOSHONE NEV - KIRKEBY RANCH COLLECTED 12/19/70 1530 SIZE 2.29 KG	95034	8.0E02	2.1E02	2.1E03	ND

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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/KG	131I PCI/KG	133I PCI/KG	135I PCI/KG
SHOSHONE NEV - KIRKEBY RANCH COLLECTED 12/20/70 1400 SIZE 1.46 KG	95255	5.2E02	1.5E02	1.1E03	ND
SHOSHONE NEV - KIRKEBY RANCH COLLECTED 12/21/70 1030 SIZE 1.86 KG GAMMA SPECTRUM NEGLIGIBLE	95264	ND	ND	ND	ND
SHOSHONE NEV - KIRKEBY RANCH COLLECTED 12/22/70 1240 SIZE 1.92 KG	95445	1.9E01	ND	7.8E01	ND
SHOSHONE NEV - KIRKEBY RANCH COLLECTED 12/23/70 0940 SIZE 2.39 KG	95610	6.0E01	ND	ND	ND
SPRINGDALE NEV SEIDENTOPH RCH COLLECTED 12/31/70 1405 SIZE .530 KG GAMMA SPECTRUM NEGLIGIBLE	96173	ND	ND	ND	ND
SPRINGDALE NEV SEIDENTOPH RCH COLLECTED 12/31/70 1430 SIZE .225 KG GAMMA SPECTRUM NEGLIGIBLE	96171	ND	ND	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/21/70 SIZE 1.35 KG	95199	2.5E02	6.0E01	3.1E02	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/23/70 1145 SIZE 1.50 KG	95588	1.1E03	4.3E02	4.2E02	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/24/70 1030 SIZE 1.11 KG	95690	6.3E03	2.5E03	2.1E03	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/29/70 1600 SIZE .740 KG	96060	5.6E01	3.1E02	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/29/70 1620 SIZE 1.72 KG	96062	6.4E02	3.8E02	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/30/70 1245 SIZE .556 KG	96101	ND	1.1E02	ND	ND

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BANEBERRY ACCUMULATIVE NEVADA FEED RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/KG	131I PCI/KG	133I PCI/KG	135I PCI/KG
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/30/70 1300 SIZE .478 KG GAMMA SPECTRUM NEGLIGIBLE	96095	ND	ND	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/30/70 1310 SIZE .293 KG	96098	2.3E03	2.9E03	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/30/70 1310 SIZE 1.04 KG	96100	8.3E02	6.3E02	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/30/70 1320 SIZE .341 KG	96102	1.6E03	2.2E03	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/30/70 1340 SIZE 1.05 KG	96097	1.3E03	8.6E02	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/30/70 1345 SIZE .862 KG	96096	2.2E03	2.0E03	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/30/70 1350 SIZE .442 KG GAMMA SPECTRUM NEGLIGIBLE	96099	ND	ND	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 01/15/71 1230 SIZE .143 KG 103RU=1.7E03	96721	ND	8.9E02	ND	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 01/25/71 1230 SIZE .792 KG 103RU=2.0E02	96807	ND	ND	ND	ND

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EXCEPT K IS IN GRAMS PER UNIT OF SIZE.
LT(X)=LESS THAN X, ND=NOT DETECTED, NA=NO ANALYSIS

BANEBERRY ACCUMULATIVE UTAH FEED RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/KG	131I PCI/KG	133I PCI/KG	135I PCI/KG
DELTA UTAH J CLAYTON DAIRY	95083	ND	ND	ND	ND
COLLECTED 12/19/70 2045 SIZE .905 KG					
GAMMA SPECTRUM					
NEGLIGIBLE					
DELTA UTAH J CLAYTON DAIRY	95081	ND	ND	ND	ND
COLLECTED 12/20/70 1010 SIZE .520 KG					
GAMMA SPECTRUM					
NEGLIGIBLE					
DELTA UTAH JEFFERY CLAYTON DAIRY	95285	ND	ND	ND	ND
COLLECTED 12/21/70 1018 SIZE .630 KG					
GAMMA SPECTRUM					
NEGLIGIBLE					
DELTA UTAH JEFFERY CLAYTON DAIRY	95493	ND	ND	ND	ND
COLLECTED 12/22/70 0810 SIZE .450 KG					
GAMMA SPECTRUM					
NEGLIGIBLE					
FILLMORE UTAH MRS SAM WADE DAIRY	95080	ND	ND	ND	ND
COLLECTED 12/19/70 1900 SIZE .540 KG					
GAMMA SPECTRUM					
NEGLIGIBLE					
FILLMORE UTAH MRS SAM WADE DAIRY	95284	ND	ND	ND	ND
COLLECTED 12/20/70 1315 SIZE .488 KG					
GAMMA SPECTRUM					
NEGLIGIBLE					
FILLMORE UTAH MRS SAM WADE DAIRY	95280	ND	ND	ND	ND
COLLECTED 12/21/70 1115 SIZE .355 KG					
GAMMA SPECTRUM					
NEGLIGIBLE					
FILLMORE UTAH MRS SAM WADE DAIRY	95492	ND	ND	ND	ND
COLLECTED 12/22/70 0920 SIZE .950 KG					
GAMMA SPECTRUM					
NEGLIGIBLE					
MILFORD UTAH BILL POWELL	95082	ND	ND	ND	ND
COLLECTED 12/19/70 1630 SIZE .540 KG					
GAMMA SPECTRUM					
NEGLIGIBLE					

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BANEBERRY ACCUMULATIVE UTAH FEED RESULTS

LOCATION	LAB-NO.& USE CODE	132TE PCI/KG	131I PCI/KG	133I PCI/KG	135I PCI/KG
MILFORD UTAH BILL POWELL DAIRY COLLECTED 12/20/70 1500 SIZE .555 KG	95281	1.3E02	ND	ND	ND
MILFORD UTAH BILL POWELL DAIRY COLLECTED 12/21/70 1325 SIZE .482 KG GAMMA SPECTRUM NEGLIGIBLE	95283	ND	ND	ND	ND
MILFORD UTAH BILL POWELL DAIRY COLLECTED 12/22/70 1110 SIZE .537 KG GAMMA SPECTRUM NEGLIGIBLE	95427	ND	ND	ND	ND
NEWCASTLE UTAH - NEWCASTLE DAIRY COLLECTED 12/21/70 1300 SIZE 2.05 KG GAMMA SPECTRUM NEGLIGIBLE	95308	ND	ND	ND	ND
ST GEORGE UTAH - R COX DAIRY COLLECTED 12/19/70 2130 SIZE .520 KG GAMMA SPECTRUM NEGLIGIBLE	93978	ND	ND	ND	ND
ST GEORGE UTAH - R COX DAIRY COLLECTED 12/19/70 2130 SIZE 1.50 KG GAMMA SPECTRUM NEGLIGIBLE	93976	ND	ND	ND	ND
ST GEORGE UTAH - R COX DAIRY COLLECTED 12/19/70 2130 SIZE .745 KG GAMMA SPECTRUM NEGLIGIBLE	93977	ND	ND	ND	ND
ST GEORGE UTAH - R COX DAIRY COLLECTED 12/20/70 1800 SIZE 2.78 KG GAMMA SPECTRUM NEGLIGIBLE	95496	ND	ND	ND	ND
ST GEORGE UTAH - R COX DAIRY COLLECTED 12/20/70 1800 SIZE .365 KG GAMMA SPECTRUM NEGLIGIBLE	95498	ND	ND	ND	ND

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BANEBERRY ACCUMULATIVE CALIFORNIA VEGETATION RESULTS

LOCATION	LAB=NO.& USE CODE	GROSSGA CPM/KG
BISHOP CALIF 1 MI S ON US 395 COLLECTED 12/20/70 1455 SIZE .361 KG	95103	5.5E02
BISHOP CALIF 16 MI S ON US 395 COLLECTED 12/20/70 1517 SIZE .573 KG	95098	1.5E03
BISHOP CALIF 31 MI S ON US 395 COLLECTED 12/20/70 1535 SIZE .735 KG	95100	2.4E03
BISHOP CALIF 46 MI S ON US 395 COLLECTED 12/20/70 1604 SIZE .250 KG	95117	1.1E03
BISHOP CALIF 59 MI S ON US 395 COLLECTED 12/20/70 1645 SIZE .316 KG	95092	2.3E03
BISHOP CALIF 23 MI S ON HWY 395 COLLECTED 12/24/70 0930 SIZE .138 KG GAMMA SPECTRUM NEGLIGIBLE	95894	ND

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BANEBERRY ACCUMULATIVE NEVADA VEGETATION RESULTS

LOCATION	LAB-NO.& USE CODE	GROSSGA CPM/KG
ALAMO NEV COLLECTED 12/19/70 1030 SIZE .609 KG	93884	9.7E02
ALAMO NEV 1/4 MI N ON HWY 93 COLLECTED 12/20/70 1005 SIZE .308 KG	93973	1.5E03
ALAMO NEV 15 MI S ON HWY 93 COLLECTED 12/20/70 1030 SIZE .371 KG	95021	1.4E03
ALAMO NEV 1.5 MI N BUTLER RCH HWY 93 COLLECTED 12/20/70 1100 SIZE .435 GM	95028	6.8E02
BEATTY NEV 2 MI N ON HWY 95 COLLECTED 12/20/70 1705 SIZE .450 KG	95212	3.3E04
BEATTY NEV 13 MI S ON HWY 95 COLLECTED 12/20/70 1920 SIZE .761 KG	95121	1.9E03
BEATTY NEV US 95 NYE 63 COLLECTED 01/25/71 1335 SIZE .736 KG 103RU=8.8E01	96808	ND
CALIENTE NEV 8MI S HWY 93 COLLECTED 12/20/70 1430 SIZE .545 KG	95078	4.6E02
COYOTE SUMMIT NEV GUNDERSON RCH T/O COLLECTED 12/19/70 1345 SIZE .519 KG	93883	1.9E04
COYOTE SUMMIT NEV COLLECTED 12/19/70 1407 SIZE .304 KG	93882	1.7E04
COYOTE SUMMIT NEV COLLECTED 12/19/70 1425 SIZE .455 KG	93881	2.0E03
CURRANT NEV 20 MI SW ON HWY 6 COLLECTED 12/20/70 SIZE .416 KG	95209	5.7E04
CURRANT NEV 30 MI SW ON HWY 6 COLLECTED 12/20/70 1430 SIZE .700 KG 239NP=4.0E05 132TE=6.3E05 133I=7.0E05 131I=1.3E05 103RU=5.7E04 140BA=3.2E04	95211	6.4E05

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BANEBERRY ACCUMULATIVE NEVADA VEGETATION RESULTS

LOCATION	LAB-NO.& USE CODE	GROSSGA CPM/KG
CURRANT NEV 10 MI SW ON HWY 6	95210	1.8E04
COLLECTED 12/20/70 1515 SIZE .550 KG		
DIABLO HWY MAINTENANCE STATION NEV	95039	2.3E05
COLLECTED 12/19/70 1510 SIZE .470 KG		
239NP=4.2E05 132TE=4.5E05		
133I=7.8E05 131I=6.1E04		
103RU=2.8E04 140BA=1.8E04		
ELY NEV	95035	2.2E03
COLLECTED 12/20/70 1020 SIZE .505 KG		
ELY NEV 10 MI W ON HWY 6	95254	1.0E04
COLLECTED 12/20/70 1035 SIZE .055 KG		
ELY NEV 20 MI W OF ELY HWY 6	95253	2.3E04
COLLECTED 12/20/70 1055 SIZE .100 KG		
ELY NEV 20 MI S HWY 93	95079	2.6E03
COLLECTED 12/20/70 1110 SIZE .500 KG		
ELY NEV 40 MI S ON HWY 93	95033	1.4E04
COLLECTED 12/20/70 1140 SIZE .602 KG		
ELY NEV 60 MI S HWY 93	95090	9.9E03
COLLECTED 12/20/70 1215 SIZE .712 KG		
ELY NEV 30 MI W ON HWY 6	95262	4.5E04
COLLECTED 12/20/70 1215 SIZE .131 KG		
ELY NEV 80 MI S ON HWY 93	95032	6.5E03
COLLECTED 12/20/70 1235 SIZE .425 KG		
ELY NEV 40 MI W ON HWY 6	95263	ND
COLLECTED 12/20/70 1240 SIZE .111 KG		
GAMMA SPECTRUM		
NEGLIGIBLE		
ELY NEV 50 MI W ON HWY 6	95258	2.2E04
COLLECTED 12/20/70 1300 SIZE .089 KG		
ELY NEV 120 MI S ON HWY 93	95031	1.0E03
COLLECTED 12/20/70 1315 SIZE .411 KG		

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LOCATION	LAB-NO.& USE CODE	GROSSGA CPM/KG
ELY NEV 160 MI S ON HWY 93	95026	8.0E02
COLLECTED 12/20/70 1420 SIZE .327 KG		
GOLDFIELD NEV 4MI S ON HWY 95	95120	1.1E04
COLLECTED 12/20/70 1425 SIZE .519 KG		
HANCOCK SUMMIT NEV	93887	1.1E03
COLLECTED 12/19/70 1340 SIZE .632 KG		
HIKO NEV	93886	5.2E03
COLLECTED 12/19/70 1115 SIZE .398 KG		
HIKO NEV CRYSTAL SPRINGS	93880	7.1E03
COLLECTED 12/19/70 1430 SIZE .362 KG		
INDIAN SPRINGS NEV INDIAN SPRINGS	95115	ND
COLLECTED 12/20/70 2100 SIZE .542		
GAMMA SPECTRUM		
NEGLIGIBLE		
LAS VEGAS NEV 44 MI N HWY JCT 93/15	95025	6.4E02
COLLECTED 12/20/70 1115 SIZE .550 KG		
LAS VEGAS NEV 29MI N HWY JCT 93/15	95037	7.0E02
COLLECTED 12/20/70 1140 SIZE .385 KG		
LAS VEGAS NEV JCT HWY 93/15	93970	1.4E02
COLLECTED 12/20/70 1200 SIZE .755 KG		
LATHROP WELLS NEV 1 MI W ON HWY 95	95110	9.8E02
COLLECTED 12/20/70 1945 SIZE .718 KG		
LATHROP WELLS NEV 13MI E ON HWY 95	95133	ND
COLLECTED 12/20/70 2005 SIZE .711 KG		
GAMMA SPECTRUM		
NEGLIGIBLE		
LIDA NEV 4 MI S ON HWY 95	95106	1.6E04
COLLECTED 12/20/70 1550 SIZE .398 KG		
PIOCHE NEV 71/2 MI N HWY 93	95089	4.4E03
COLLECTED 12/20/70 1315 SIZE .650 KG		
132TE=3.5E03 131I=1.0E03		
133I=6.9E03		

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BANEBERRY ACCUMULATIVE NEVADA VEGETATION RESULTS

LOCATION	LAB-NO.& USE CODE	GROSSGA CPM/KG
QUEEN CITY SUMMIT NEV COLLECTED 12/19/70 1300 SIZE .626 KG	93885	2.4E05
SCOTTYS JCT NEV COLLECTED 12/20/70 1615 SIZE .340 KG	95108	2.0E04
SPRINGDALE NEV 7MI N ON HWY 95 COLLECTED 12/20/70 1635 SIZE .424 KG GAMMA SPECTRUM NEGLIGIBLE	95116	ND
SPRINGDALE NEV - MCCURDY RANCH COLLECTED 12/24/70 1100 SIZE .745 KG	95691	1.0E04
TONOPAH NEV JCT HWY 6/95 COLLECTED 12/20/70 0945 SIZE .519 KG	95099	5.9E04
TONOPAH NEV 15 MI W ON US 6 COLLECTED 12/20/70 1007 SIZE .428 KG	95113	2.2E04
TONOPAH NEV 30 MI W ON US 6 COLLECTED 12/20/70 1030 SIZE .355 KG	95097	6.7E03
TONOPAH NEV 45 MI W ON US 6 COLLECTED 12/20/70 1050 SIZE .248 KG	95095	2.4E04
TONOPAH NEV 60 MI W ON US 6 COLLECTED 12/20/70 1140 SIZE .487 KG	95093	1.4E04
TONOPAH NEV 75 MI W ON US 6 COLLECTED 12/20/70 1200 SIZE .377 KG	95094	2.1E03
TONOPAH NEV 90 MI W ON US 6 COLLECTED 12/20/70 1227 SIZE .464 KG	95096	2.1E03
TONOPAH NEV 105 MI W US 6 COLLECTED 12/20/70 1252 SIZE .618 KG	95104	1.1E03
TONOPAH NEV 11 MI N ON HWY 95 COLLECTED 12/20/70 1345 SIZE .417 KG	95118	1.2E04
WARM SPRINGS NEV JCT HWY 25/NYALA RD COLLECTED 12/19/70 1530 SIZE 1.00 KG	95038	2.0E05

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BANEBERRY ACCUMULATIVE NEVADA VEGETATION RESULTS

LOCATION	LAB-NO.& USE CODE	GROSSGA CPM/KG
WARM SPRINGS NEV	95020	8.9E04
COLLECTED 12/19/70 1600 SIZE .670 KG		
239NP=1.0E05	132TE=1.1E05	
133I=2.3E05	131I=1.8E04	
103RU=7.0E03	140BA=3.7E03	
WARM SPRINGS NEV - TWIN SPRINGS RCH	95022	2.4E05
COLLECTED 12/19/70 1545 SIZE .542 KG		
239NP=3.7E05	132TE=3.9E05	
133I=6.8E05	131I=5.4E04	
103RU=2.4E04	140BA=1.5E04	

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BANEBERRY ACCUMULATIVE UTAH VEGETATION RESULTS

LOCATION	LAB-NO.& USE CODE	GROSSGA CPM/KG
BEAVER UTAH 10 MI N ON I-15 COLLECTED 12/20/70 1715 SIZE .210 KG GAMMA SPECTRUM NEGLIGIBLE	95086	ND
BERYL JCT UTAH 7 MI E ON HWY 56 COLLECTED 12/21/70 1315 SIZE .270 KG GAMMA SPECTRUM NEGLIGIBLE	95310	ND
DELTA UTAH J CLAYTON DAIRY COLLECTED 12/20/70 1010 SIZE .700 KG GAMMA SPECTRUM NEGLIGIBLE	95085	ND
FILLMORE UTAH MRS SAM WADE DAIRY COLLECTED 12/20/70 1315 SIZE .688 KG	95282	8.7E02
JERICO UTAH US 6-50 JERICO T/O COLLECTED 12/20/70 1500 SIZE .315 KG GAMMA SPECTRUM NEGLIGIBLE	95084	ND
MILFORD UTAH BILL POWELL DAIRY COLLECTED 12/20/70 1500 SIZE .430 KG	95279	7.9E02
OGDEN UTAH COLLECTED 12/20/70 1130 SIZE .191 KG GAMMA SPECTRUM NEGLIGIBLE	95091	ND
PROVO UTAH COLLECTED 12/20/70 1345 SIZE .660 KG GAMMA SPECTRUM NEGLIGIBLE	95087	ND
ST GEORGE UTAH 30 MI N HWY 15 COLLECTED 12/20/70 1630 SIZE .397 KG GAMMA SPECTRUM NEGLIGIBLE	95307	ND

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CANEBERRY ACCUMULATIVE UTAH VEGETATION RESULTS

LOCATION	LAB-NO.& USE CODE	GROSSGA CPM/KG
ST GEORGE UTAH 2MI E FROM COX DAIRY	95306	ND
COLLECTED 12/21/70 SIZE .490 KG		
GAMMA SPECTRUM		
NEGLIGIBLE		
SALT LAKE CITY UTAH	95088	ND
COLLECTED 12/20/70 SIZE .255 KG		
GAMMA SPECTRUM		
NEGLIGIBLE		

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