

Annenberg Public Policy Center of the University of Pennsylvania

ASAPH W30 Extreme Weather Items

September 15, 2026

1 Overview

These studies were conducted for the Annenberg Public Policy Center of the University of Pennsylvania via web and telephone by SSRS, an independent research company. Interviews were conducted among a nationally representative probability sample drawn from SSRS's Opinion panel. Data were weighted to represent the target U.S. adult population. Summaries of the sample size, field dates, and estimated design effects (Deff) of the particular waves can be found in the table below.

ASAPH panelists are quarantined from other survey panel membership to avoid being affected by the content of other surveys. Data used in Wave 11, however, contains 19 respondents who self-reported membership in other opinion panels. Diagnostics revealed no significant differences in the responses of these 19 panelists and the results presented in this report are unaffected by their exclusion.

Wave	n	MOE	Deff	Fielded	Closed	Survey	RR	N
a-1	1941	2.9	1.76	2021-03-30	2021-04-19	ASAPH 1	56%	3480
b-2	1719	3.2	1.83	2021-06-09	2021-06-22	ASAPH 2	89%	1941
c-3	1669	3.2	1.83	2021-08-16	2021-09-05	ASAPH 3	86%	1940
d-4	1672	3.3	1.86	2021-11-03	2021-11-09	ASAPH 4	86%	1940
e-5	1656	3.3	1.86	2022-01-11	2022-01-17	ASAPH 5	85%	1937
f-6	1638	3.3	1.87	2022-03-29	2022-04-04	ASAPH 6	85%	1932
g-7	1580	3.2	1.82	2022-07-12	2022-07-18	ASAPH 7	82%	1928
h-8	1584	3.4	1.86	2022-08-02	2022-08-08	CIVICS 1	83%	1907
i-9	1621	3.3	1.87	2022-08-16	2022-08-23	ASAPH 8	85%	1907
j-10	1646	3.2	1.80	2022-10-11	2022-10-18	ASAPH 9	86%	1905
k-11	1641	3.2	1.77	2023-01-10	2023-01-16	ASAPH 10	82%	2029
l-12	1638	3.2	1.75	2023-02-22	2023-02-28	ASK 2023	81%	2025
m-13	1622	3.2	1.76	2023-03-23	2023-03-29	BINGE	80%	2024
n-14	1586	3.3	1.83	2023-05-31	2023-06-06	ASAPH 11	79%	1997
o-15	1482	3.5	1.88	2023-08-09	2023-08-15	ASAPH 12	75%	1979
p-16	1559	3.4	1.91	2023-10-05	2023-10-12	ASAPH 13	79%	1976
q-17	1538	3.3	1.73	2023-11-14	2023-11-20	CLIMATE	78%	1975
r-18	1555	3.4	1.89	2024-02-06	2024-02-12	ASK 2024	79%	1963
s-19	1522	3.5	1.89	2024-04-18	2024-04-25	ASAPH 19	78%	1962
t-20	1496	3.6	1.96	2024-07-11	2024-07-18	ASAPH 20	76%	1961
u-21	1744 [*]	3.5	2.26	2024-09-13	2024-09-30	ASAPH 21	67%	2616
v-22	1771	3.3	2.02	2024-11-14	2024-11-24	ASAPH 22	68%	2589
w-23	1716	3.4	2.02	2025-01-30	2025-02-10	ASAPH 23	67%	2578
x-24	1653	3.4	2.04	2025-04-15	2025-04-28	ASAPH 24	64%	2568
y-25	1699	3.5	2.13	2025-08-05	2025-08-18	ASAPH 25	67%	2550
z-26	1637	3.5	2.05	2025-11-17	2025-12-01	ASAPH 26	65%	2529
A-27	1604	3.5	2.03	2025-12-08	2025-12-22	ASAPH 27	64%	2509
B-28	1650	3.5	2.05	2026-02-03	2026-02-17	ASAPH 28	66%	2498
C-29	1639	3.5	2.03	2026-04-14	2026-04-28	ASAPH 29	66%	2486
D-30	1904 ^{**}	3.2	2.05	2026-08-04	2026-08-17	ASAPH 30	75%	2545

* To account for attrition, a small replenishment sample was recruited prior to W21 using a random probability sampling design. This replenishment added 360 respondents to the sample.

** To account for attrition, a small replenishment sample was recruited prior to W30 using a random probability sampling design. This replenishment added 328 respondents to the sample.

2 Topline

The remaining portion of this document provides the topline results reported in the release. All figures are rounded to the nearest whole number and may not add to 100%. Combined subcategories may not add to totals in topline and text due to rounding. A lowercase e stands in for values that round to 0, but are not exactly 0. Aggregated NET categories are highlighted in grey. Superscript letters indicate statistically significant differences with the corresponding wave.

CLM34.

CLM34. Which of the following statements comes closest to your view?

Wave	N	Climate change is INCREASING the risk of heat-related illnesses, respiratory diseases, and insect-borne diseases..(TRUE)	Climate change is having no effect on the risk...(FALSE)	Climate change is DECREASING the risk of heat-related illnesses, respiratory diseases, and insect-borne diseases.(FALSE)	Climate change is not happening (FALSE)	Not sure	Refused
(D) 08/17/26	1904	65 ^q	10 ^q	e ^{qy}	8 ^q	17 ^q	0
(y) 08/18/25	1699	65 ^q	11	1 ^D	8 ^q	15 ^q	0
(t) 07/18/24	1496	67 ^q	9 ^q	1	8 ^q	15 ^q	e
(q) 11/20/23	1538	58 ^{byD}	14 ^{lD}	1 ^D	5 ^{byD}	21 ^{byD}	0

CLM37.

CLM37. As far as you know, in the U.S., are heat waves becoming (less frequent and intense than in the past), (more frequent and intense than in the past), or are they about as frequent and intense as they have always been?

Wave	N	More frequent and intense (TRUE)	About as frequent and intense as they have always been (FALSE)	Less frequent and intense (FALSE)	Not sure	Refused
(D) 08/17/26	1904	62	25	2	11 ^t	0
(y) 08/18/25	1699	61	26	2	11 ^t	0
(t) 07/18/24	1496	65 ^q	24	3	8 ^{qyD}	0
(q) 11/20/23	1538	58 ^t	27	3	12 ^t	0

CLM24.

CLM21_24. In the past year, how often, if at all, did any of the following affect your typical daily activities? – Extreme outdoor heat

Wave	N	NET Rarely or never	Never	Rarely	NET Sometimes or more	Sometimes	Often	Frequently	Not sure	Refused
(D) 08/17/26	1904	23 ^q	8 ^t	15 ^q	76 ^q	34	19	23 ^q	1 ^q	0
(y) 08/18/25	1699	25 ^q	9 ^t	16 ^q	73 ^q	34	20	19	2	0
(t) 07/18/24	1496	22 ^q	5 ^{qyD}	16 ^q	77 ^q	34	22	21 ^q	2 ^q	e
(q) 11/20/23	1538	29 ^{lyD}	9 ^t	20 ^{lyD}	68 ^{lyD}	34	19	16 ^{lD}	3 ^{lD}	0

CLM22.

CLM21_22. In the past year, how often, if at all, did any of the following affect your typical daily activities? – Poor air quality resulting from wildfire smoke

Wave	N	NET Rarely or never	Never	Rarely	NET Sometimes or more	Sometimes	Often	Frequently	Not sure	Refused
(D) 08/17/26	1904	60 ^{qt}	32 ^q	28 ^t	38 ^{qt}	27	7 ^q	4 ^{qt}	2 ^{qy}	0
(y) 08/18/25	1699	58 ^{qt}	31 ^q	27 ^t	38 ^{qt}	27 ^q	7 ^q	4 ^{qt}	4 ^{lD}	0
(t) 07/18/24	1496	67 ^{qyD}	32 ^q	35 ^{qyD}	31 ^{qyD}	24 ^q	5 ^q	2 ^{qyD}	2 ^{qy}	0
(q) 11/20/23	1538	46 ^{lyD}	17 ^{lyD}	29 ^t	50 ^{lyD}	31 ^{ly}	12 ^{lyD}	7 ^{lyD}	4 ^{lD}	0

CLM23.

CLM21_23. In the past year, how often, if at all, did any of the following affect your typical daily activities? – Flooding produced by unusual levels of rain

Wave	N	NET Rarely or never	Never	Rarely	NET Sometimes or more	Sometimes	Often	Frequently	Not sure	Refused
(D) 08/17/26	1904	78 ^{qy}	54 ^{qy}	25 ^{qt}	20 ^{qy}	15 ^q	4 ^q	1 ^q	2 ^t	0
(y) 08/18/25	1699	73 ^{qD}	45 ^{qD}	28	24 ^{qD}	17	4 ^q	2	3 ^t	0
(t) 07/18/24	1496	76 ^q	46 ^{qD}	30 ^D	23 ^q	18	4	1	1 ^{qyD}	0
(q) 11/20/23	1538	67 ^{lyD}	37 ^{lyD}	30 ^D	29 ^{lyD}	20 ^D	6 ^{lyD}	3 ^D	4 ^t	0

CLM21.

CLM21_21. In the past year, how often, if at all, did any of the following affect your typical daily activities? – A tornado or hurricane

Wave	N	NET			NET			Often	Frequently	Not sure	Refused
		Rarely or never	Never	Rarely	Sometimes or more	Sometimes					
(D) 08/17/26	1904	87 ^{qly}	64 ^{qly}	24	11 ^{qly}	10 ^{qt}	1 ^{qt}	e ^{qly}	2 ^q		0
(y) 08/18/25	1699	82 ^{qD}	56 ^{qD}	26	16 ^D	12	2 ^q	1 ^D	3 ^t		0
(t) 07/18/24	1496	82 ^{qD}	56 ^{qD}	27	17 ^D	13 ^D	3 ^D	1 ^D	1 ^{qy}	e	
(q) 11/20/23	1538	78 ^{lyD}	51 ^{lyD}	27	19 ^D	13 ^D	4 ^{yD}	1 ^D	4 ^{lD}		0

NORCHEAT2_1.

NORCHEAT2_1. Over the last year, have you had unexpected expenses for any of the following caused by storms, flooding, heat, or wildfires? – Utility bills

Wave	N	Yes	No	Not applicable	Not sure	Refused
(D) 08/17/26	1904	46	40	7	6	e
(y) 08/18/25	1699	45	41	6	7	0

NORCHEAT2_2.

NORCHEAT2_2. Over the last year, have you had unexpected expenses for any of the following caused by storms, flooding, heat, or wildfires? – Homeowner's insurance premiums

Wave	N	Yes	No	Not applicable	Not sure	Refused
(D) 08/17/26	1904	13 ^y	59	19	10	0
(y) 08/18/25	1699	18 ^D	55	17	10	0

NORCHEAT2_3.

NORCHEAT2_3. Over the last year, have you had unexpected expenses for any of the following caused by storms, flooding, heat, or wildfires? – Health care expenses

Wave	N	Yes	No	Not applicable	Not sure	Refused
(D) 08/17/26	1904	8	77	11	4	0
(y) 08/18/25	1699	8	77	10	5	e

NORCHEAT1_1.

NORCHEAT1_1. Over the last year, has extreme heat had a major impact, a minor impact, or no impact on each of the following? – Your electricity bills

Wave	N	NET Impact	Major impact	Minor impact	No impact	Not applicable	Not sure	Refused
(D) 08/17/26	1904	82	50	32 ^y	9	4	5	0
(y) 08/18/25	1699	84	46	38 ^D	8	4	4	0

NORCHEAT1_2.

NORCHEAT1_2. Over the last year, has extreme heat had a major impact, a minor impact, or no impact on each of the following? – You or your family's outdoor activities

Wave	N	NET Impact	Major impact	Minor impact	No impact	Not applicable	Not sure	Refused
(D) 08/17/26	1904	75	28	47	19	5	1 ^y	e
(y) 08/18/25	1699	71	26	45	21	4	3 ^D	0

NORCHEAT1_3.

NORCHEAT1_3. Over the last year, has extreme heat had a major impact, a minor impact, or no impact on each of the following? – Your exercise routine

Wave	N	NET Impact	Major impact	Minor impact	No impact	Not applicable	Not sure	Refused
(D) 08/17/26	1904	56 ^y	19	37	29 ^y	12	2	0
(y) 08/18/25	1699	50 ^D	18	33	35 ^D	11	3	e

NORCHEAT1_5.

NORCHEAT1_5. Over the last year, has extreme heat had a major impact, a minor impact, or no impact on each of the following? – Your sleep

Wave	N	NET Impact	Major impact	Minor impact	No impact	Not applicable	Not sure	Refused
(D) 08/17/26	1904	56 ^y	14	42	39	3	2	0
(y) 08/18/25	1699	50 ^D	12	38	44	3	3	e

NORCHEAT1_4.

NORCHEAT1_4. Over the last year, has extreme heat had a major impact, a minor impact, or no impact on each of the following? – Your pets

Wave	N	NET Impact	Major impact	Minor impact	No impact	Not applicable	Not sure	Refused
(D) 08/17/26	1904	45 ^y	14	31 ^y	21 ^y	31	2	0
(y) 08/18/25	1699	37 ^D	12	25 ^D	28 ^D	31	3	e

NORCHEAT1_6.

NORCHEAT1_6. Over the last year, has extreme heat had a major impact, a minor impact, or no impact on each of the following? – Your travel or vacation plans

Wave	N	NET Impact	Major impact	Minor impact	No impact	Not applicable	Not sure	Refused
(D) 08/17/26	1904	34	9	25	46	18 ^y	1 ^y	e
(y) 08/18/25	1699	34	9	25	50	13 ^D	3 ^D	e

NORCHEAT1_7.

NORCHEAT1_7. Over the last year, has extreme heat had a major impact, a minor impact, or no impact on each of the following? – Your job or commute

Wave	N	NET Impact	Major impact	Minor impact	No impact	Not applicable	Not sure	Refused
(D) 08/17/26	1904	32	10	22	43	23	2	0
(y) 08/18/25	1699	31	8	23	46	19	4	0

NORCHEAT1_8.

NORCHEAT1_8. Over the last year, has extreme heat had a major impact, a minor impact, or no impact on each of the following? – The timing of events like weddings and reunions

Wave	N	NET Impact	Major impact	Minor impact	No impact	Not applicable	Not sure	Refused
(D) 08/17/26	1904	22	5	17	45	31 ^y	2 ^y	0
(y) 08/18/25	1699	25	7	18	44	26 ^D	5 ^D	e

CLM47.

CLM47. Do you know the location of a cooling center that you could go to in the case of extreme heat?

Wave	N	Yes	No	Not sure	Refused
(D) 08/17/26	1904	35 ^q	65 ^q	0	e
(y) 08/18/25	1699	35 ^q	65 ^q	0	e
(t) 07/18/24	1496	33	67	0	0
(q) 11/20/23	1538	30 ^{yD}	70 ^{yD}	0	0

B3B.

B3B. Has the area in which you live experienced any days in the last 3 months in which local health authorities reported that the air quality was unhealthy?

Wave	N	Yes	No	Not sure	Refused
(D) 08/17/26	1904	60 ^y	24 ^{oy}	16	0
(y) 08/18/25	1699	48 ^{oD}	33 ^D	19 ^o	0
(o) 08/15/23	1482	56 ^y	32 ^D	12 ^y	0

B3C_1.

B3C_1. How did you respond to your local authority's air-quality warning? – I stayed indoors more than I typically would have

Wave	N	Selected	NOT selected	Not sure	Refused
(D) 08/17/26	1234	82 ^{oy}	14 ^y	4 ^o	0
(y) 08/18/25	907	76 ^D	19 ^D	5 ^o	0
(o) 08/15/23	870	74 ^D	15	11 ^{yD}	0

B3C_2.

B3C_2. How did you respond to your local authority's air-quality warning? – I closed the windows

Wave	N	Selected	NOT selected	Not sure	Refused
(D) 08/17/26	1234	51	45	4 ^o	0
(y) 08/18/25	907	45	49 ^o	5 ^o	0
(o) 08/15/23	870	48	41 ^y	11 ^{yD}	0

B3C_3.

B3C_3. How did you respond to your local authority's air-quality warning? –
I turned on the air conditioning

Wave	N	Selected	NOT selected	Not sure	Refused
(D) 08/17/26	1234	48 ^o	48	4 ^o	0
(y) 08/18/25	907	47 ^o	47	5 ^o	0
(o) 08/15/23	870	37 ^{yD}	53	11 ^{yD}	0

B3C_4.

B3C_4. How did you respond to your local authority's air-quality warning? –
I turned on a room-air purifier

Wave	N	Selected	NOT selected	Not sure	Refused
(D) 08/17/26	1234	22	74	4 ^o	0
(y) 08/18/25	907	19	75	5 ^o	0
(o) 08/15/23	870	17	72	11 ^{yD}	0

B3C_5.

B3C_5. How did you respond to your local authority's air-quality warning? –
I wore a KN95 or N95 mask while outdoors

Wave	N	Selected	NOT selected	Not sure	Refused
(D) 08/17/26	1234	12 ^y	84	4 ^o	0
(y) 08/18/25	907	7 ^D	88 ^o	5 ^o	0
(o) 08/15/23	870	9	81 ^y	11 ^{yD}	0

CLM50.

CLM50_50. Do you think people in your community will be (less likely), (more likely), or about as likely to experience each of the following in the next ten years – Heat stroke caused by extreme heat waves

Wave	N	Less likely	More likely	About as likely	Not sure	Refused
(D) 08/17/26	1904	4	59 ^q	29	8	0
(y) 08/18/25	1699	5	59 ^q	27 ^q	8	e
(t) 07/18/24	1496	5	58 ^q	30	8	0
(q) 11/20/23	1538	5	52 ^{yD}	33 ^y	9	0

CLM203_4.

CLM203_4. As far as you know, which of the following are signs of heat-related illness? – Dizziness

Wave	N	Selected	NOT selected	Not sure	Refused
(D) 08/17/26	1904	88 ^y	5 ⁱ	6 ⁱ	0
(y) 08/18/25	1699	92 ^{iD}	3 ⁱ	5 ⁱ	0
(t) 07/18/24	1496	89 ⁱ	5 ⁱ	5 ⁱ	e
(i) 08/23/22	1621	86 ^{ty}	14 ^{tyD}	0 ^{tyD}	0

CLM203_1.

CLM203_1. As far as you know, which of the following are signs of heat-related illness? – Nausea

Wave	N	Selected	NOT selected	Not sure	Refused
(D) 08/17/26	1904	83 ⁱ	10 ⁱ	6 ⁱ	0
(y) 08/18/25	1699	86 ⁱ	10 ⁱ	5 ⁱ	0
(t) 07/18/24	1496	83 ⁱ	12 ⁱ	5 ⁱ	e
(i) 08/23/22	1621	79 ^{tyD}	21 ^{tyD}	0 ^{tyD}	0

CLM203_2.

CLM203_2. As far as you know, which of the following are signs of heat-related illness? – Hot, red, dry, or damp skin

Wave	N	Selected	NOT selected	Not sure	Refused
(D) 08/17/26	1904	72	22 ⁱ	6 ⁱ	0
(y) 08/18/25	1699	71	24 ⁱ	5 ⁱ	0
(t) 07/18/24	1496	72	23 ⁱ	5 ⁱ	e
(i) 08/23/22	1621	71	29 ^{tyD}	0 ^{tyD}	0

CLM203_3.

CLM203_3. As far as you know, which of the following are signs of heat-related illness? – Cold, pale, and clammy skin

Wave	N	Selected	NOT selected	Not sure	Refused
(D) 08/17/26	1904	47 ^t	46 ^{lt}	6 ⁱ	0
(y) 08/18/25	1699	48 ^{lt}	48 ^{lt}	5 ⁱ	0
(t) 07/18/24	1496	42 ^{yD}	53 ^{yD}	5 ⁱ	e
(i) 08/23/22	1621	43 ^y	57 ^{yD}	0 ^{tyD}	0

CLM203_5.

CLM203_5. As far as you know, which of the following are signs of heat-related illness? – Hunger

Wave	N	Selected	NOT selected	Not sure	Refused
(D) 08/17/26	1904	5	88 ⁱ	6 ⁱ	0
(y) 08/18/25	1699	7	88 ⁱ	5 ⁱ	0
(t) 07/18/24	1496	7	88 ⁱ	5 ⁱ	e
(i) 08/23/22	1621	6	94 ^{tyD}	0 ^{tyD}	0

CLM35.

CLM35. As far as you know, are pregnant people who are exposed to extreme heat (less likely), (more likely), or just as likely to deliver their babies early as pregnant people who are not exposed to extreme heat in the U.S.?

Wave	N	More likely (TRUE)	Just as likely (FALSE)	Less likely (FALSE)	Not sure	Refused
(D) 08/17/26	1904	32 ^q	17 ^t	3	49 ^q	e
(y) 08/18/25	1699	33 ^q	19	3	46 ^q	0
(t) 07/18/24	1496	30 ^q	20 ^D	3	47 ^q	0
(q) 11/20/23	1538	24 ^{tyD}	19	3	54 ^{tyD}	0

CLM205.

CLM205. As far as you know, in which of the following groups of people are heat-related deaths most common?

Wave	N	Children	21 to 40 year olds	41 to 64 year olds	65 year olds or older (CORRECT)	Not sure	Refused
(D) 08/17/26	1904	8	2 ⁱ	4 ^{it}	69 ⁱ	16	e
(y) 08/18/25	1699	10	2 ⁱ	4 ^{it}	69 ⁱ	15	e
(t) 07/18/24	1496	8	2 ⁱ	7 ^{yD}	67 ⁱ	16	e
(i) 08/23/22	1621	9	4 ^{tyD}	8 ^{yD}	62 ^{tyD}	16	e