

Mission Part	Duration	Cryogenic?	Connected Data Release	Sky Coverage	No. of detected objects	Key Reference(s)
First 105 days	14 January 2010 - 29 April 2010	Yes	Preliminary	57%	^a 257,310,278	Wright et al. (2010)
Full Cryogenic	07 January 2010 - 06 August 2010	Yes	All-Sky	120%	^a 563,921,584	Wright et al. (2010)
3-band Cryo	06 August 2010 - 29 September 2010	Yes ^a	3-Band Cryo	30%	^a 261,418,479	Wright et al. (2010)
NEOWISE	29 September 2010 - 01 February 2011	No	NEOWISE	70%	^c 7,337,642,955	Mainzer et al. (2011)
AllWISE	14 January 2010 to 29 April 2010	Yes and no	AllWISE	>100%	^a 747,634,026	Wright et al. (2010) Mainzer et al. (2011)
NEOWISE-Reactivation 2015	13 December 2013 to 13 December 2014	No	NEOWISE 2015	>100%	^c 18,468,575,596	Mainzer et al. (2014)
NEOWISE-Reactivation 2016	13 December 2014 to 13 December 2015	Yes	NEOWISE 2016	>100%	^{c,d} 38,159,806,157	Mainzer et al. (2014)

Table A1. ^aObjects detected on the Atlas Intensity images. ^bThe detectors continued to be cooled by the hydrogen ice in the inner cryogen tank. The telescope warmed from the 12K maintained during the main mission to 45K. This reduced the sensitivity of the W3 12 μ m measurements and fully saturated the W4 23 μ m detector ^cSource detections extracted from the Single-exposure images. ^dThe second year NEOWISE-Reactivation data products are concatenated with those from the first year (originally released on March 26, 2015).

WISE band combination	det_bit	Number of objects	Percentage of AllWISE
W1-W2-W3-W4	15	25 882 083	3.5
W1-W2-W4	11	11 309 923	1.5
W1-W4	9	2 347 472	0.3
W1-W3-W4	13	859 426	0.1
W3-W4	12	454 160	0.1
W4	8	35 818	<0.1
W2-W3-W4	14	35 528	<0.1
W2-W4	10	15 556	<0.1
W4-any		40 939 966	5.5

Table B1. Band-Detection Combinations (> 2 σ per Band) in the AllWISE Catalog. See <http://wise2.ipac.caltech.edu/docs/release/allwise/expsup/sec2.1.html>.