INTEGRAL resumes monitoring the Galactic bulge

*IGR J17329-2731 still active*


*Published in:*
The astronomer's telegram

---

*Creative Commons License (see https://creativecommons.org/use-remix/cc-licenses):*

*Unspecified*

*Citation for published version (APA):*


---

*General rights*

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

*Disclaimer/Complaints regulations*

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: https://uba.uva.nl/en/contact, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

---

UvA-DARE is a service provided by the library of the University of Amsterdam (http://dare.uva.nl)

Download date: 21 Jun 2020
INTEGRAL resumes monitoring the Galactic bulge: IGR J17329-2731 still active

ATel #11273; E. Kuulkers (ESA/ESTEC, The Netherlands), J. Chenevez (DTU Space, Denmark), A. Bazzano (INAF/IAPS, Italy), V Beckmann (CNRS/IN2P3, France), T. Bird (Southampton, UK), A. Bogadhee (GCSU, USA), M. Del Santo (INAF/IASF-Pa, Italy), A. Domingo (CAB/INTA-CSIC, Spain), P. Jonker (SRON, The Netherlands), P. Kretschmar (ESA/ESAC, Spain), C. Markwardt (GSFC, USA), A. Paizis (INAF/IASF-Mi, Italy), K. Pottschmidt (UMBC/NASA GSFC, USA), C. Sanchez-Fernandez (ESA/ESAC, Spain), R. Wijnands (UvA, The Netherlands) on 7 Feb 2018; 21:10 UT

Credential Certification: Erik Kuulkers (Erik.Kuulkers@sciops.esa.int)

Subjects: X-ray, Binary, Globular Cluster, Neutron Star, Transient, Variables

On 2018 February 6, INTEGRAL resumed its monitoring program of the Galactic bulge mainly in the 3-100 keV band (see ATel #438; Kuulkers et al. 2007, A&A, 466, 595). The total exposure of the first observation was about 11 ks. The X-ray transients IGR J17329-2731 and GRS 1747-312 were seen to be active by JEM-X.

IGR J17329-2731 was discovered in August 2017 (ATels #10644, #10645, #10682), and is possibly a symbiotic binary (ATel #10685). It has been active since then (Bozzo et al. 2018, submitted). We find it is faint, with a detection significance of about 3 sigma in the mosaic, i.e., close to the detection limit of JEM-X. We derive fluxes of 5.5 +/- 2.7 mCrab and 11 +/- 5 mCrab in the 3-10 keV and 10-25 keV energy bands, respectively. GRS 1747-312 is a frequently recurring neutron-star binary X-ray transient in the globular cluster Terzan 6 (see, e.g., in ’t Zand et al. 2003, A&A 406, 233); we find it at 31 +/- 4 mCrab (3-10 keV) and 14 +/- 9 mCrab (10-25 keV).

No significantly active X-ray transients were seen with IBIS/ISGRI, down to a limit of about 20 mCrab (i.e., about 1e36 erg/s at 8 kpc) in the 18-40 keV band.

Further observations of the Galactic bulge within the program are foreseen in the coming months, as well as other INTEGRAL observations aimed at the Galactic Center, see http://integral.esac.esa.int/isocweb/schedule.html?action=schedule&startRevno=1917&endRevno=1950.

INTEGRAL Galactic bulge monitoring program web page

ATel #11273: INTEGRAL resumes monitoring the Galactic bulge: IGR J17329-2731 still active