



ΜΟΥΣΕΙΟ ΓΟΥΛΑΝΔΡΗ ΦΥΣΙΚΗΣ ΙΣΤΟΡΙΑΣ
ΕΛΛΗΝΙΚΟ ΚΕΝΤΡΟ ΒΙΟΤΟΠΩΝ-ΥΓΡΟΤΟΠΩΝ

Λίμνη Στυμφαλία

Φυσικοχημικά δεδομένα

2013 - 2015

ΕΘΝΙΚΟ ΔΙΚΤΥΟ ΠΑΡΑΚΟΛΟΥΘΗΣΗΣ ΛΙΜΝΩΝ



ΥΠΟΥΡΓΕΙΟ
ΠΕΡΙΒΑΛΛΟΝΤΟΣ
& ΕΝΕΡΓΕΙΑΣ



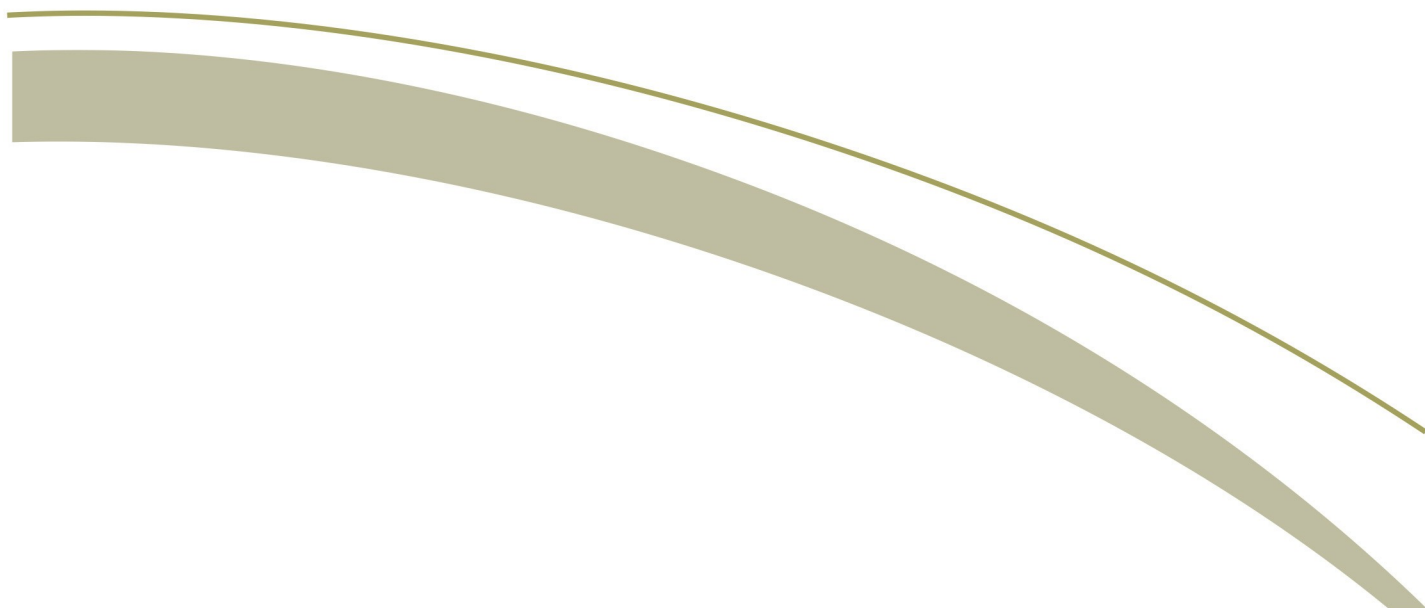
ΕΙΔΙΚΗ
ΓΡΑΜΜΑΤΕΙΑ
ΥΔΑΤΩΝ

Ελληνικό Κέντρο Βιοτόπων-Υγροτόπων. Λίμνη Στυμφαλία. Φυσικοχημικά δεδομένα 2013-2015. Εθνικό Δίκτυο Παρακολούθησης των υδάτων των λιμνών της Ελλάδας (Οδηγία 2000/60/ΕΚ), Ειδική Γραμματεία Υδάτων-ΥΠΕΝ.

ΕΘΝΙΚΟΣ ΚΩΔΙΚΟΣ ΣΤΑΘΜΟΥ	ΕΘΝΙΚΟ ΟΝΟΜΑ ΣΤΑΘΜΟΥ	ΗΜΕΡΑ ΔΕΙΓΜΑΤΟΣ	ΜΗΝΑΣ ΔΕΙΓΜΑΤΟΣ	ΕΤΟΣ ΔΕΙΓΜΑΤΟΣ	ΠΑΡΑΜΕΤΡΟΣ	ΜΟΝΑΔΑ ΜΕΤΡΗΣΗΣ	ΜΕΤΡΗΣΗ	ΕΚΤΟΣ ΟΡΙΟΥ ΠΟΣΟΤΙΚΟΠΟΙΗΣΗΣ	ΟΡΙΟ ΠΟΣΟΤΙΚΟΠΟΙΗΣΗΣ	ΟΡΙΟ ΑΝΙΧΝΕΥΣΗΣ	ΒΑΘΟΣ ΔΕΙΓΜΑΤΟΣ	ΣΧΟΛΙΑ
GR000200030010N501	Limni Stymfalia	25	4	2013	Secchi depth	m	1,70					CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Use of Secchi Disc
GR000200030010N500	Limni Stymfalia	25	4	2013	Ammonium	mg/l N	0,31	<	0,31	0,16		Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Ion Chromatography
GR000200030010N500	Limni Stymfalia	25	4	2013	Orthophosphates	mg/l P	0,33	<	0,33	0,13		Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Ion Chromatography
GR000200030010N500	Limni Stymfalia	25	4	2013	Nitrate	mg/l N	0,09	<	0,09	0,03		Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Ion Chromatography
GR000200030010N500	Limni Stymfalia	20	5	2013	pH	pH	8,25					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	20	5	2013	Electrical conductivity	µS/cm	310,90					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N502	Limni Stymfalia	20	5	2013	Secchi depth	m	1,40					CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Use of Secchi Disc
GR000200030010N500	Limni Stymfalia	20	5	2013	Oxygen saturation	%	178,90					CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	20	5	2013	Dissolved oxygen	mg/l O2	13,88					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	20	5	2013	Temperature (water)	°C	24,6					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	11	6	2013	pH	pH	9,28					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	11	6	2013	Electrical conductivity	µS/cm	209,78					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N502	Limni Stymfalia	11	6	2013	Secchi depth	m	1,20					CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Use of Secchi Disc
GR000200030010N500	Limni Stymfalia	11	6	2013	Oxygen saturation	%	225,60					CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	11	6	2013	Dissolved oxygen	mg/l O2	17,07					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	11	6	2013	Temperature (water)	°C	25,4					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter

ΕΘΝΙΚΟΣ ΚΩΔΙΚΟΣ ΣΤΑΘΜΟΥ	ΕΘΝΙΚΟ ΟΝΟΜΑ ΣΤΑΘΜΟΥ	ΗΜΕΡΑ ΔΕΙΓΜΑΤΟΣ	ΜΗΝΑΣ ΔΕΙΓΜΑΤΟΣ	ΕΤΟΣ ΔΕΙΓΜΑΤΟΣ	ΠΑΡΑΜΕΤΡΟΣ	ΜΟΝΑΔΑ ΜΕΤΡΗΣΗΣ	ΜΕΤΡΗΣΗ	ΕΚΤΟΣ ΟΡΙΟΥ ΠΟΣΟΤΙΚΟΠΟΙΗΣΗΣ	ΟΡΙΟ ΠΟΣΟΤΙΚΟΠΟΙΗΣΗΣ	ΟΡΙΟ ΑΝΙΧΝΕΥΣΗΣ	ΒΑΘΟΣ ΔΕΙΓΜΑΤΟΣ	ΣΧΟΛΙΑ
GR000200030010N500	Limni Stymfalia	25	2	2014	pH	pH	7,74					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	25	2	2014	Electrical conductivity	μS/cm	296,74					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	25	2	2014	Oxygen saturation	%	64,80					CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	25	2	2014	Dissolved oxygen	mg/l O2	6,91					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	25	2	2014	Temperature (water)	°C	9,5					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	25	2	2014	Ammonium	mg/l N	0,31	<	0,31	0,16		Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Ion Chromatography
GR000200030010N500	Limni Stymfalia	25	2	2014	Orthophosphates	mg/l P	0,33	<	0,33	0,13		Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Ion Chromatography
GR000200030010N501	Limni Stymfalia	25	2	2014	Secchi depth	m	0,50					CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Use of Secchi Disc
GR000200030010N500	Limni Stymfalia	27	3	2014	pH	pH	8,33					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	27	3	2014	Oxygen saturation	%	138,90					CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	27	3	2014	Dissolved oxygen	mg/l O2	12,73					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	27	3	2014	Temperature (water)	°C	15,9					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	27	3	2014	Ammonium	mg/l N	0,31	<	0,31	0,16		Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Ion Chromatography
GR000200030010N500	Limni Stymfalia	27	3	2014	Orthophosphates	mg/l P	0,33	<	0,33	0,13		Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Ion Chromatography
GR000200030010N500	Limni Stymfalia	27	3	2014	Nitrate	mg/l N	0,09	<	0,09	0,03		Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Ion Chromatography
GR000200030010N502	Limni Stymfalia	27	3	2014	Secchi depth	m	0,30					CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Use of Secchi Disc
GR000200030010N500	Limni Stymfalia	24	4	2014	pH	pH	7,79					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	24	4	2014	Electrical conductivity	μS/cm	334,40					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	24	4	2014	Oxygen saturation	%	74,00					CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	24	4	2014	Dissolved oxygen	mg/l O2	6,70					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	24	4	2014	Temperature (water)	°C	16,1					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	24	4	2014	Ammonium	mg/l N	0,31	<	0,31	0,16		Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Ion Chromatography
GR000200030010N500	Limni Stymfalia	24	4	2014	Orthophosphates	mg/l P	0,33	<	0,33	0,13		Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Ion Chromatography
GR000200030010N500	Limni Stymfalia	24	4	2014	Nitrate	mg/l N	0,09	<	0,09	0,03		Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Ion Chromatography

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GR000200030010N500	Limni Stymfalia	12	2	2015	pH	pH	8,10					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	12	2	2015	Electrical conductivity	µS/cm	309,40					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	12	2	2015	Oxygen saturation	%	81,30					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	12	2	2015	Dissolved oxygen	mg/l O2	9,97					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	12	2	2015	Temperature (water)	°C	3,0					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	10	3	2015	pH	pH	8,08					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	10	3	2015	Electrical conductivity	µS/cm	331,10					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	10	3	2015	Oxygen saturation	%	78,80					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	10	3	2015	Dissolved oxygen	mg/l O2	8,88					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	10	3	2015	Temperature (water)	°C	7,2					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	8	4	2015	pH	pH	8,25					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	8	4	2015	Electrical conductivity	µS/cm	312,30					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	8	4	2015	Oxygen saturation	%	74,80					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	8	4	2015	Dissolved oxygen	mg/l O2	7,67					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	8	4	2015	Temperature (water)	°C	10,8					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	8	4	2015	Total phosphorus	mg/l P	0,041		0,01			Sampling depth: Euphotic zone. APHA* 4500-P E, Standard methods for the examination of water and wastewater. 2012. 22nd edition.
GR000200030010N500	Limni Stymfalia	8	4	2015	Nitrate	mg/l N	0,12		0,09	0,03		Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Ion Chromatography
GR000200030010N500	Limni Stymfalia	12	5	2015	Electrical conductivity	µS/cm	306,80					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	12	5	2015	Oxygen saturation	%	67,60					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	12	5	2015	Dissolved oxygen	mg/l O2	5,81					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	12	5	2015	Temperature (water)	°C	19,2					Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, In situ measurement with portable meter
GR000200030010N500	Limni Stymfalia	9	6	2015	Total phosphorus	mg/l P	0,027		0,01			Sampling depth: Euphotic zone. APHA* 4500-P E, Standard methods for the examination of water and wastewater. 2012. 22nd edition.
GR000200030010N500	Limni Stymfalia	9	6	2015	Nitrate	mg/l N	0,20		0,09	0,03		Sampling depth: Euphotic zone. CEN ISO/Method: Adapted EN ISO 5667-1:2006/AC:2007, Adapted EN ISO 5667-3:2003, Ion Chromatography



ΜΟΥΣΕΙΟ ΓΟΥΛΑΝΔΡΗ ΦΥΣΙΚΗΣ ΙΣΤΟΡΙΑΣ
ΕΛΛΗΝΙΚΟ ΚΕΝΤΡΟ ΒΙΟΤΟΠΩΝ-ΥΓΡΟΤΟΠΩΝ

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