

March 8, 2017

Maximum suggested draft to take bunkers at Zona Comun = 10,55 m FW even keel

General comments about River Plate

Minimum depth in the River Plate = 10,50 m at datum depth (updated 08/03)

Minimum depth located at Km = 50,0 Isla Lucha (updated 08/03)

To sail with:	
a draft of	tide
10,51 m	0,84 m
10,57 m	0,99 m
10,61 m	1,09 m
10,67 m	1,24 m

GFS 27 km

Init: 23.02.2017 06 UTC	We 08. 03h	We 08. 06h	We 08. 09h	We 08. 12h	We 08. 15h	We 08. 18h	We 08. 21h	Th 09. 03h	Th 09. 06h	Th 09. 09h	Th 09. 12h	Th 09. 15h	Th 09. 18h	Th 09. 21h
Wind speed (km/h)	32	29	32	23	14	15	18	20	19	18	17	24	13	26
Wind gusts (km/h)	45	42	43	30	21	23	24	38	32	26	22	33	20	42
Wind direction	↙	↙	↙	↙	↙	↙	↙	↓	↓	↘	→	↗	↗	↗

GFS 27 km











Init: 23.02.2017 06 UTC	Fr 10. 03h	Fr 10. 06h	Fr 10. 09h	Fr 10. 12h	Fr 10. 15h	Fr 10. 18h	Fr 10. 21h	Sa 11. 03h	Sa 11. 06h	Sa 11. 09h	Sa 11. 12h	Sa 11. 15h	Sa 11. 18h	Sa 11. 21h
Wind speed (km/h)	16	23	27	24	22	14	11	11	16	22	22	16	8	6
Wind gusts (km/h)	19	33	38	32	32	20	13	14	20	28	27	21	11	9
Wind direction	↗	↗	↗	↗	↗	↗	↗	↖	↖	↖	↖	↖	↖	↖

GFS 27 km

Init: 23.02.2017 06 UTC	Su 12. 03h	Su 12. 06h	Su 12. 09h	Su 12. 12h	Su 12. 15h	Su 12. 18h	Su 12. 21h	Mo 13. 03h	Mo 13. 06h	Mo 13. 09h	Mo 13. 12h	Mo 13. 15h	Mo 13. 18h	Mo 13. 21h
Wind speed (km/h)	24	34	37	37	39	33	28	29	28	25	24	19	10	5
Wind gusts (km/h)	35	56	53	49	50	45	41	50	46	36	32	26	15	7
Wind direction	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗

GFS 27 km

Init: 23.02.2017 06 UTC	Tu 14. 03h	Tu 14. 06h	Tu 14. 09h	Tu 14. 12h	Tu 14. 15h	Tu 14. 18h	Tu 14. 21h	We 15. 03h	We 15. 06h	We 15. 09h	We 15. 12h	We 15. 15h	We 15. 18h	We 15. 21h
Wind speed (km/h)	16	19	18	13	8	15	14	18	18	23	23	20	18	21
Wind gusts (km/h)	19	24	22	16	9	19	17	24	23	30	29	24	25	33
Wind direction	↘	↘	↘	↘	↓	↖	↖	↖	↖	↓	↓	↓	↓	↓

DAY		DESCRIPTION	HIGH / LOW	PRECIP	WIND
TODAY MAR 8		PM Thunderstorms	27/21°	↙ 60%	NE 20 km/h
THU MAR 9		Thunderstorms	26/14°	↙ 100%	S 24 km/h
FRI MAR 10		Sunny	25/14°	↙ 0%	S 18 km/h
SAT MAR 11		Mostly Sunny	26/15°	↙ 20%	NE 18 km/h
SUN MAR 12		Sunny	23/11°	↙ 0%	SSW 28 km/h
MON MAR 13		Sunny	24/13°	↙ 0%	SSW 7 km/h
TUE MAR 14		Sunny	26/14°	↙ 0%	N 12 km/h
WED MAR 15		Mostly Sunny	27/16°	↙ 0%	NNE 12 km/h
THU MAR 16		Partly Cloudy	27/17°	↙ 0%	ENE 10 km/h
FRI MAR 17		Mostly Sunny	28/18°	↙ 10%	E 11 km/h

**VERY IMPORTANT INFORMATION**

**Recommended sailing draft from UPRIVER ports is  
 10,51 meters F.W. (density abt 0,998)**

<b>UPRIVER PORTS - F.W. (Density: abt 0,998)</b>			
<b>Port of Santa Fe</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Elevator (*)	6,37	20'	10,8
<b>Port of Diamante</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Cargill (*)	6,54	21'	05,5
<b>Port of San Lorenzo</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Renova	10,90	35'	09,1
LDC Timbues	10,90	35'	09,1
COFCO North & South	10,90	35'	09,1
Profertil	10,90	35'	09,1
Minera Alumbrera	10,90	35'	09,1
Terminal 6 north & south	10,90	35'	09,1
Arauco (Ex Alto Parana)	10,90	35'	09,1
Quebracho	10,90	35'	09,1
T.F.A.	10,90	35'	09,1
Nidera Fertilizers (*)	10,90	35'	09,1
Nidera (*)	10,90	35'	09,1
Transito (*)	10,90	35'	09,1
Pampa (*)	10,90	35'	09,1
Dempa (*)	10,90	35'	09,1
ACA	10,90	35'	09,1
Akzo Nobel	10,90	35'	09,1
Vicentin	10,90	35'	09,1
San Benito	10,90	35'	09,1
<b>Port of Rosario</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Open berth - TPR	10,90	35'	09,1
FG Warehouse at TPR	9,98	32'	08,9
J Warehouse at TPR	10,90	35'	09,1
Servicios Portuarios	10,90	35'	09,1
Cargill VGG	10,90	35'	09,1
Punta Alvear	10,90	35'	09,1
LDC General Lagos	10,90	35'	09,1
Toepfer Arroyo Seco	10,90	35'	09,1
<b>Port of Villa Constitucion</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Servicios Portuarios (*)	9,82	32'	02,6
<b>Port of San Nicolas</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Puerto Nuevo / Elevador (*)	10,90	35'	09,1
All other terminals (*)	10,90	35'	09,1
<b>Port of Ramallo</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Bunge terminal - Berth 1	10,90	35'	09,1
Bunge terminal - Berth 3	10,90	35'	09,1

<b>Port of San Pedro</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Elevator's berth (*)	8,70	28'	06,5
Pierhead (*)	8,70	28'	06,5
<b>River heights variations:</b>	<b>in meters</b>	<b>height</b>	<b>variation</b>
Iguazu		15,20	0,60
Corrientes		3,90	0,42
Santa Fe		3,67	-0,08
Diamante		3,84	-0,07
San Lorenzo		3,94	-0,02
Rosario		3,48	-0,04
Villa Constitucion		3,12	-0,04
San Nicolas		2,80	0,06
Ramallo		2,55	0,05
San Pedro		2,20	0,42
<b>Forecast for the next seven (7) days:</b>		<b>5 cm less</b>	

<b>OTHER PARANA RIVER &amp; RIVER PLATE PORTS</b>			
<b>Port of Campana</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Siderca	10,00	32'	09,7
Euroamerica (**)	10,00	32'	09,7
<b>Port of Lima</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Delta Dock	10,90	36'	10,8
<b>Port of Zarate</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Del Guazu (*)	10,50	34'	06,0
Las Palmas	10,90	36'	10,8
<b>Port of Buenos Aires</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Terbasa	noperative		
<b>Port of Nueva Palmira</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Navios (*)	9,80	32'	10
TGU (*)	9,80	32'	10
Fiorucci (*)	9,80	32'	10
Antwerpen (*)	9,80	32'	10
ANP (*)	9,80	32'	10
Ontur (*)	9,80	32'	10
Vessels with a LOA over 230 meters must sail from upriver ports via Martin Garcia channel where different draft restrictions apply. Please kindly contact us for further details.			

<b>Zona Comun anchorage</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
Bunkering outbound	10,55	40'	00,3

<b>ATLANTIC PORTS (*) (**) (***)</b>			
<b>Port of Necochea</b>	<b>meters</b>	<b>Feet</b>	<b>Inches</b>
<b>Density: approx. 1,020</b>			
Berth 1	13,20	43'	00
ACA3	13,20	43'	00
TQQ 4/5	13,20	43'	00
TQQ 6	12,00	39'	00

Port of Bahia Blanca	meters	Feet	Inches
<b>Density: approx. 1,025</b>			
Toepfer	13,71	45'	00
TBB9	13,71	45'	00
Cargill	13,71	45'	00
Dreyfus	13,71	45'	00
Glencore	12,80	42'	00
TBB5/6	10,50	34'	06

General remarks / Additional information

for all the above mentioned ports:

(\*) Tugboat(s) assistance is required by the Authorities for vessel berthing and/or departure. Pls contact us for further information in this regard.

(\*\*) NAABSA clause is needed

(\*\*\*) Swell clause is needed

For further info regarding restrictions / dredgers / minimum reported depths / critical points location / sailing drafts calculations / tides needed, etc that you may require, please do not hesitate to contact us. We remain at your disposal.

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