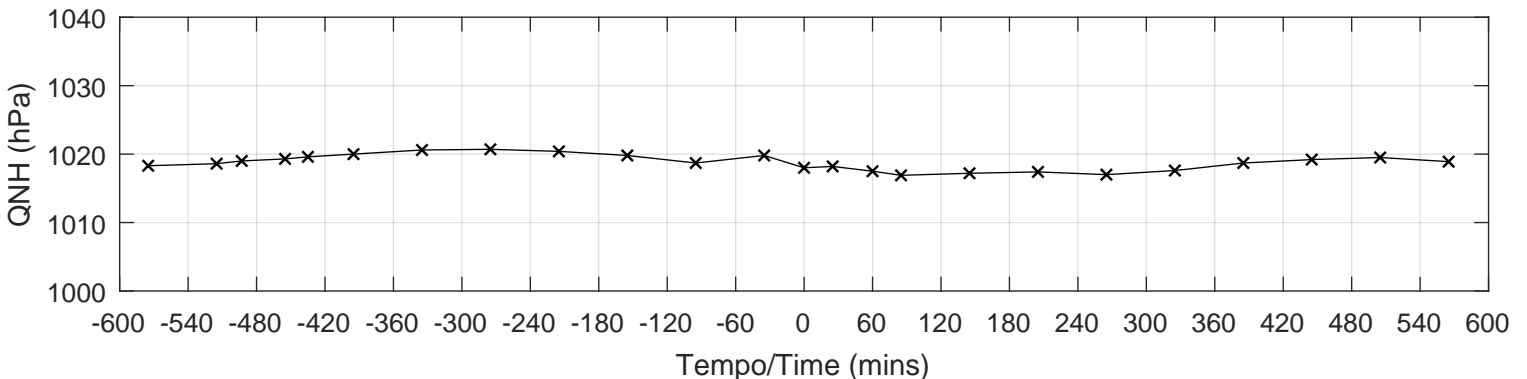
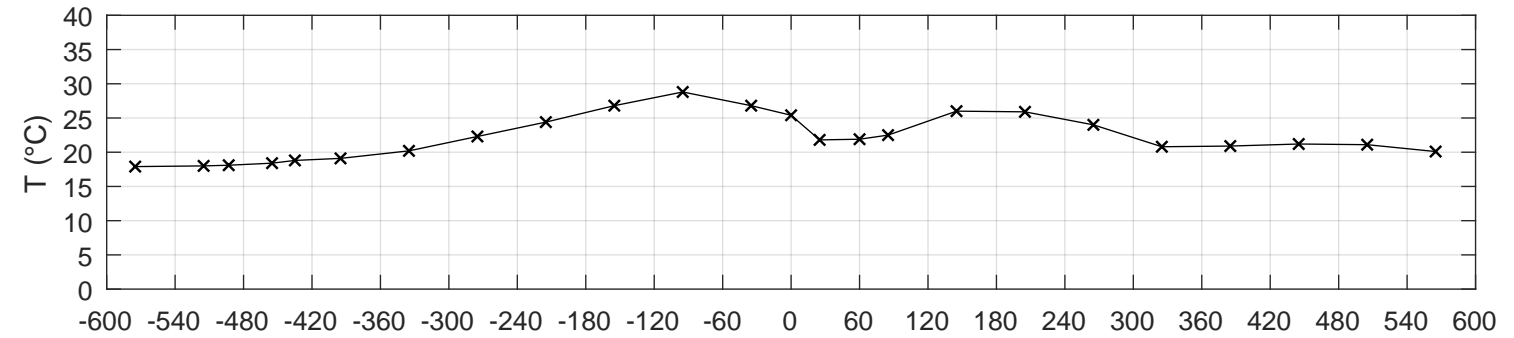
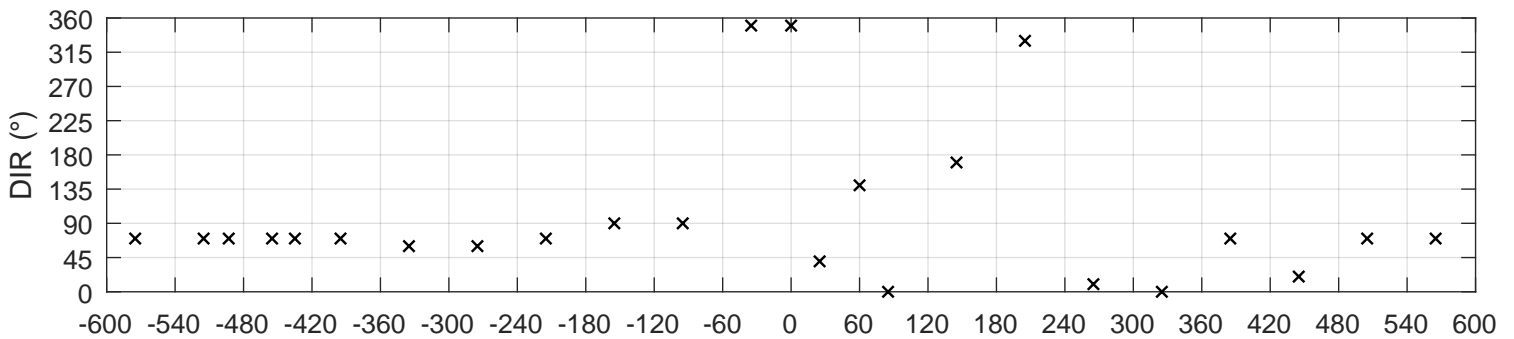
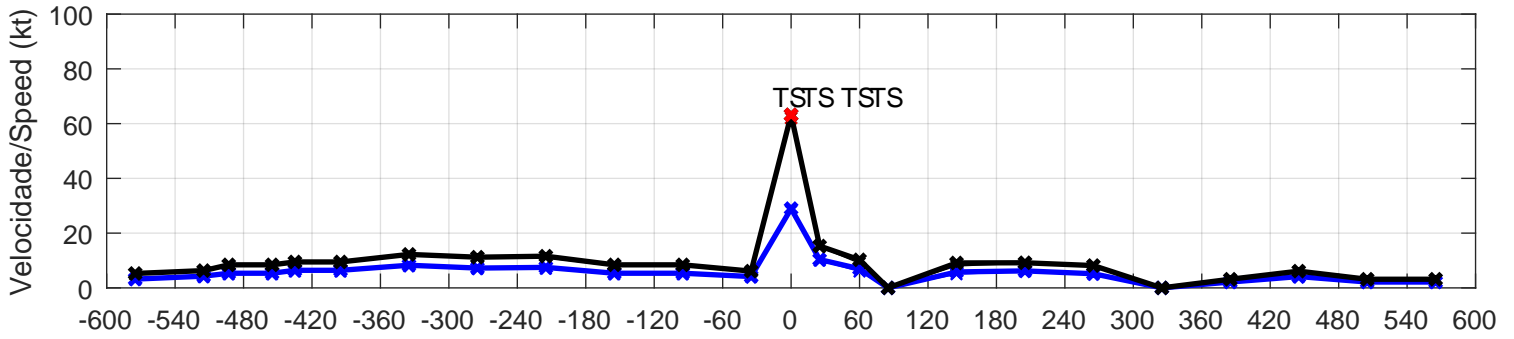


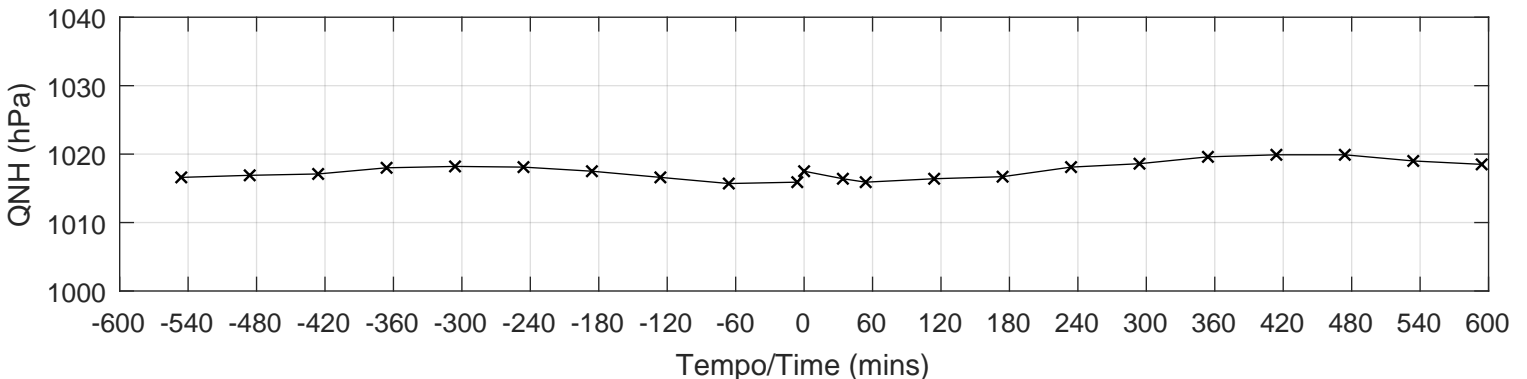
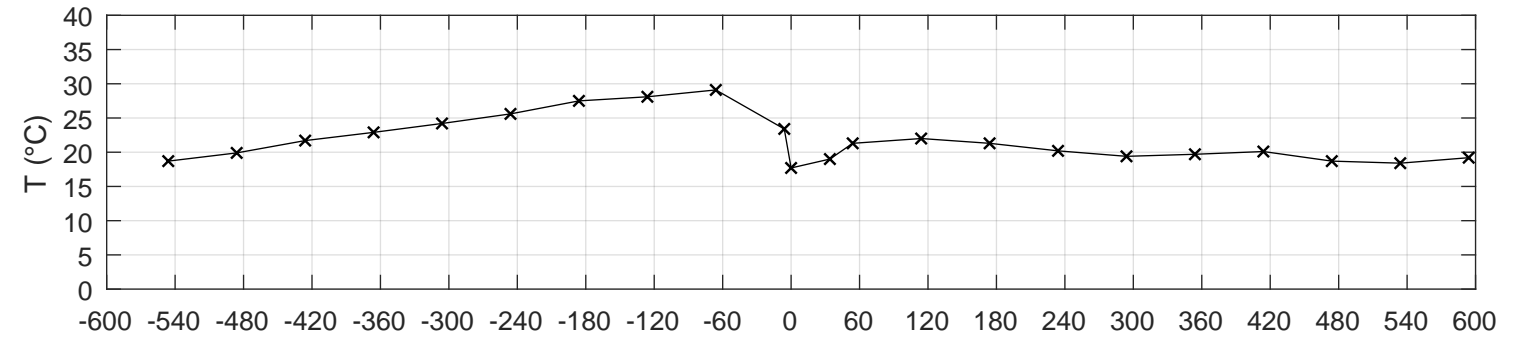
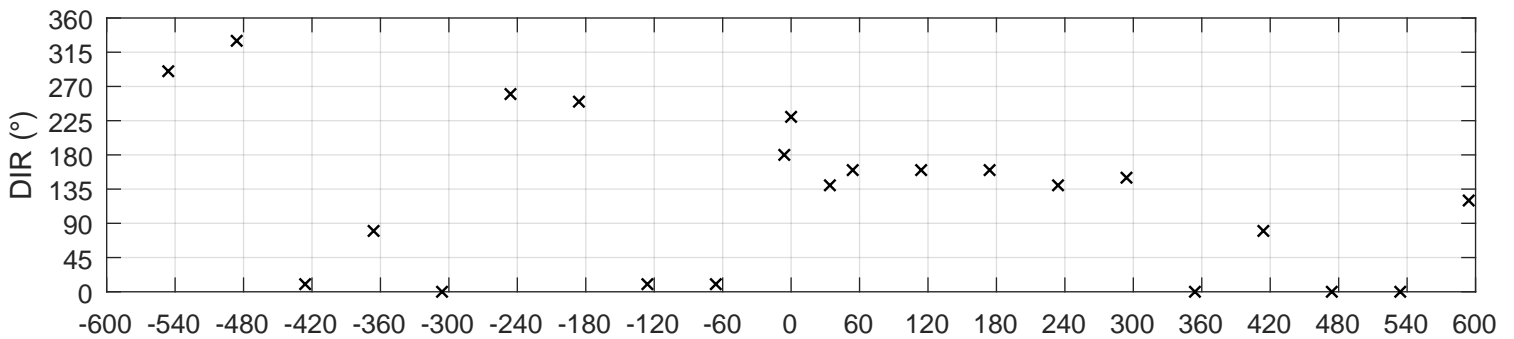
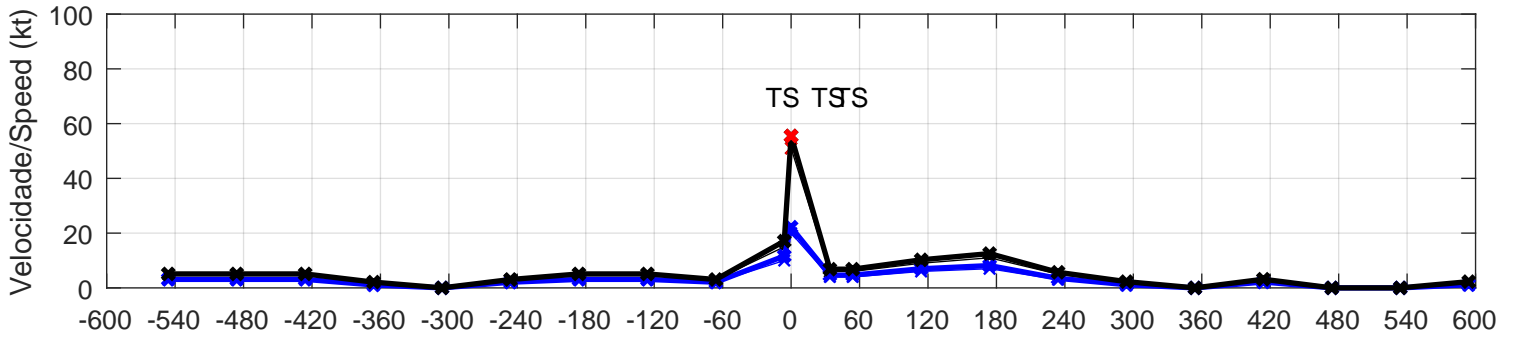
**SBGR-2/83778 EVENTO/EVENT 1 - 23/10/2013, 13:35 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 62 \text{ kt}$	$R_{-6} = 6.5$	$T_{med,3} = 27.8 \text{ }^\circ\text{C}$	$DIR = 350^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 28 \text{ kt}$	$R_{-3} = 8.2$	$\Delta T_{min,3} = -7.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 100^\circ$		NON-SYNOPTIC
$g_V = 2.2$	$R_{+3} = 9.1$	$\Delta Q_{max,3} = 0.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 180^\circ$		(110)
$G_{cor} = 63.2 \text{ kt}$	$R_{+6} = 9.9$	$\Delta$ Grupo/Group = 2			
$V_{cor} = 29.0 \text{ kt}$					



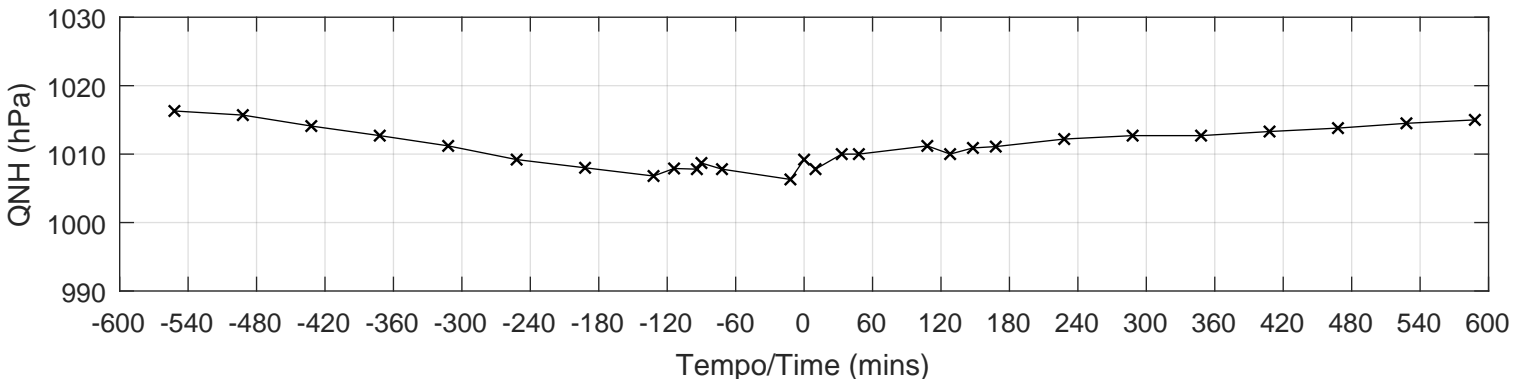
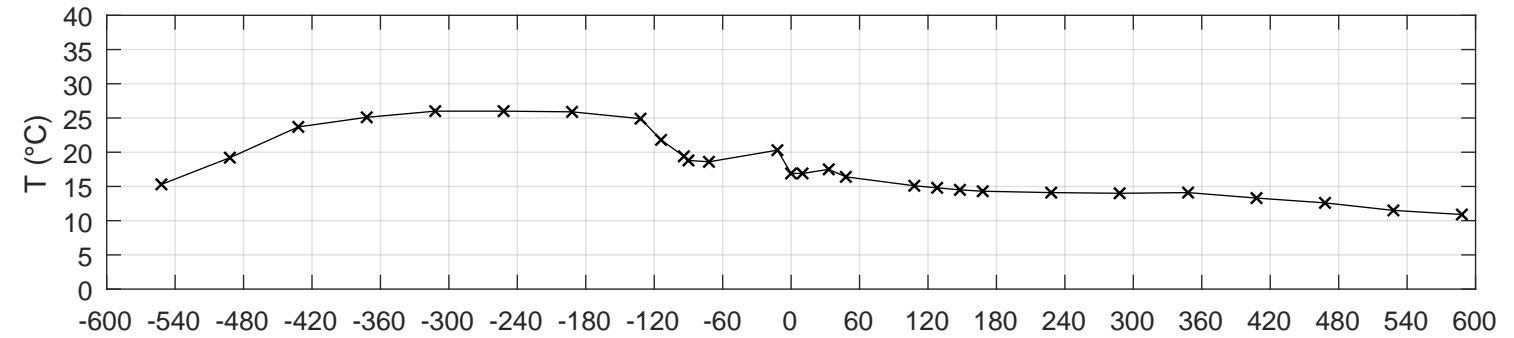
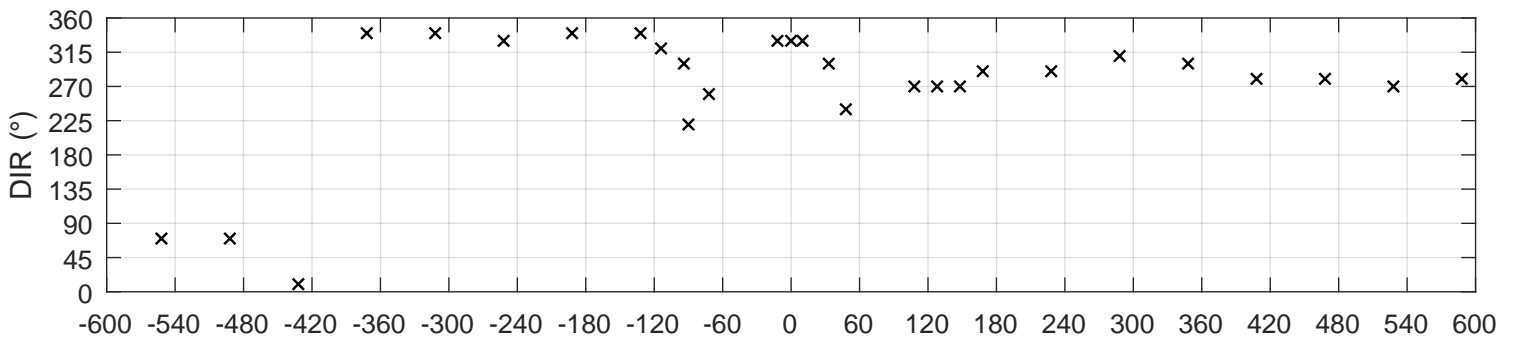
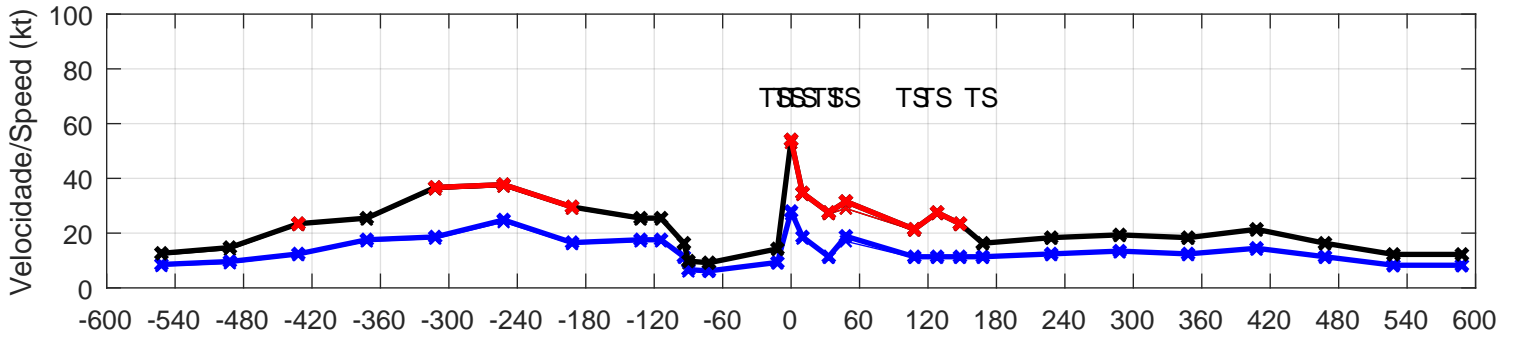
**SBGR-2/83778 EVENTO/EVENT 2 - 07/01/2012, 15:06 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 51 \text{ kt}$	$R_{-6} = 14.9$	$T_{med,3} = 28.6 \text{ }^\circ\text{C}$	$DIR = 230^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 20 \text{ kt}$	$R_{-3} = 11.3$	$\Delta T_{min,3} = -11.4 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 140^\circ$		NON-SYNOPTIC
$g_V = 2.5$	$R_{+3} = 6.1$	$\Delta Q_{max,3} = 1.8 \text{ hPa}$	$\Delta DIR_{max,+3} = 90^\circ$		(110)
$G_{cor} = 55.5 \text{ kt}$	$R_{+6} = 9.2$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 22.2 \text{ kt}$					



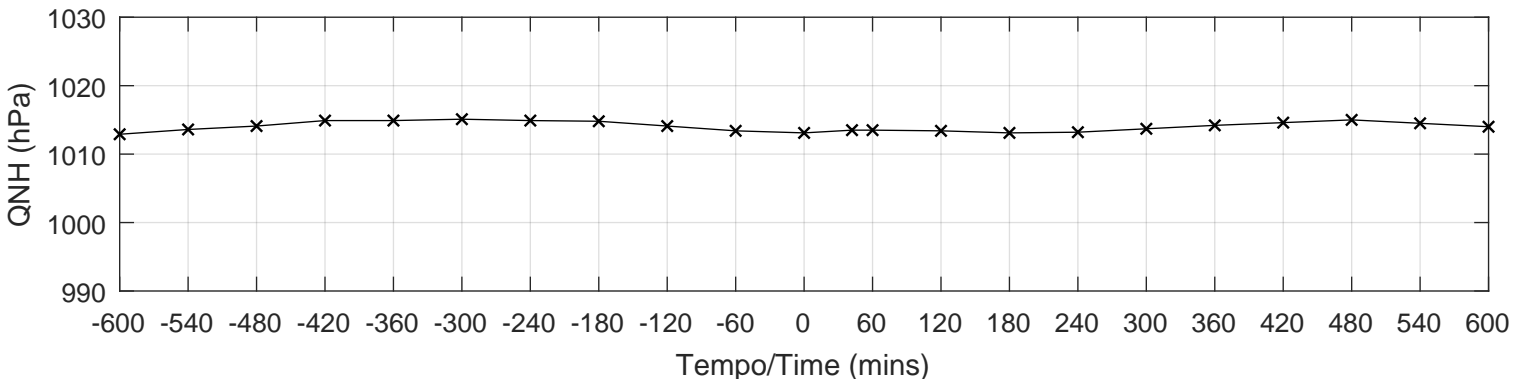
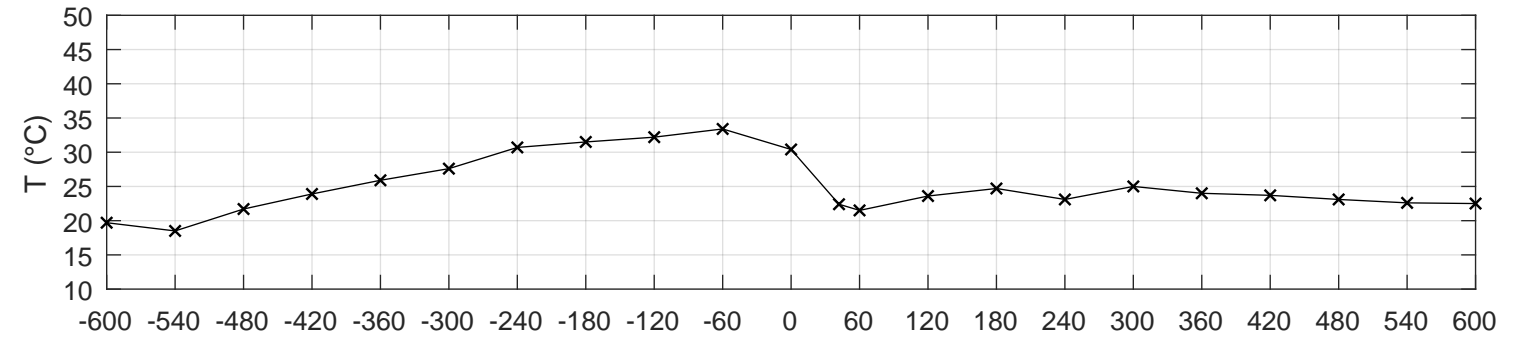
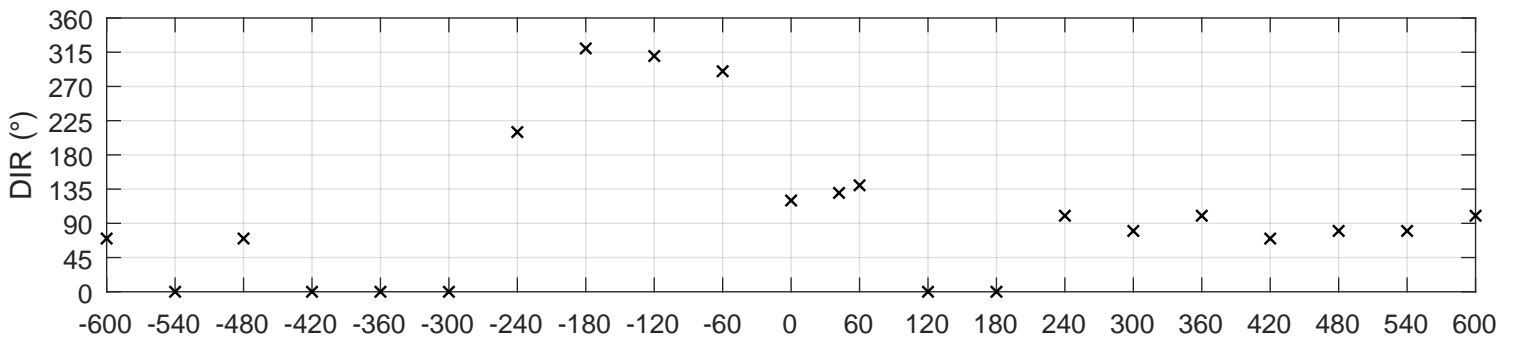
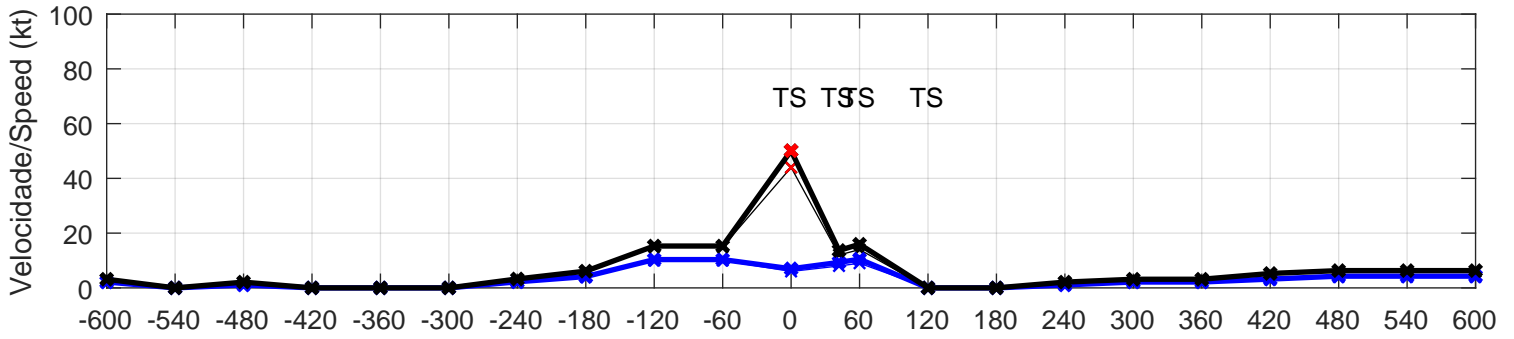
**SBGR-2/83778 EVENTO/EVENT 3 - 07/06/2011, 18:12 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 53 \text{ kt}$	$R_{-6} = 2.1$	$T_{med,3} = 20.1 \text{ }^\circ\text{C}$	$DIR = 330^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 27 \text{ kt}$	$R_{-3} = 3.7$	$\Delta T_{min,3} = -5.4 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 110^\circ$		NON-SYNOPTIC
$g_V = 2.0$	$R_{+3} = 2.2$	$\Delta Q_{max,3} = 3.7 \text{ hPa}$	$\Delta DIR_{max,+3} = 90^\circ$		(110)
$G_{cor} = 54.0 \text{ kt}$	$R_{+6} = 2.5$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 27.9 \text{ kt}$					



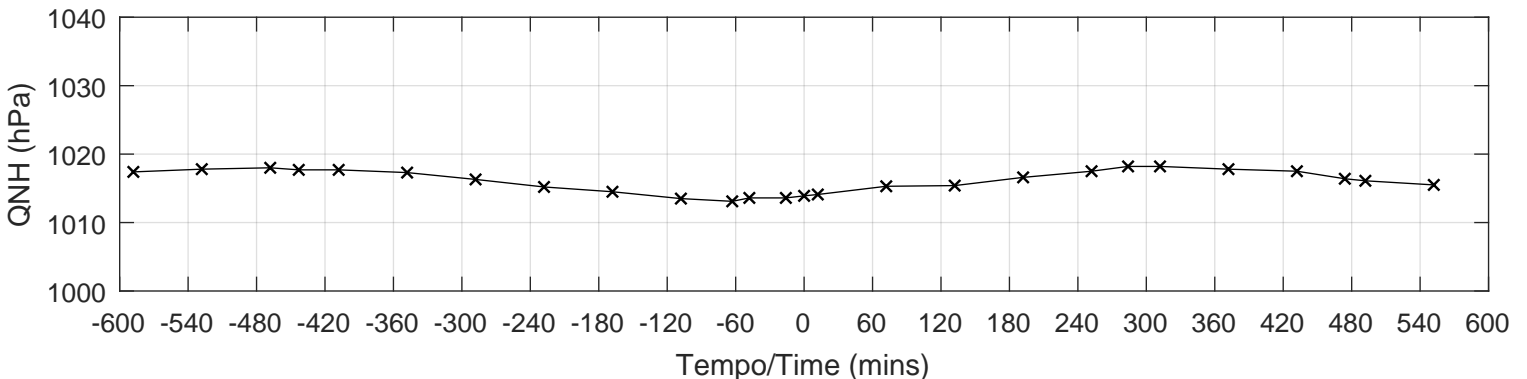
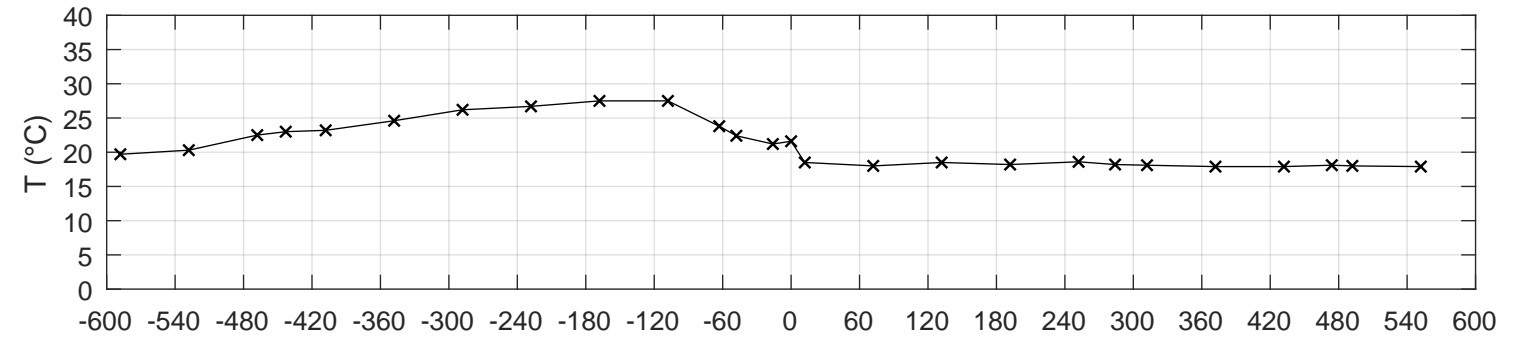
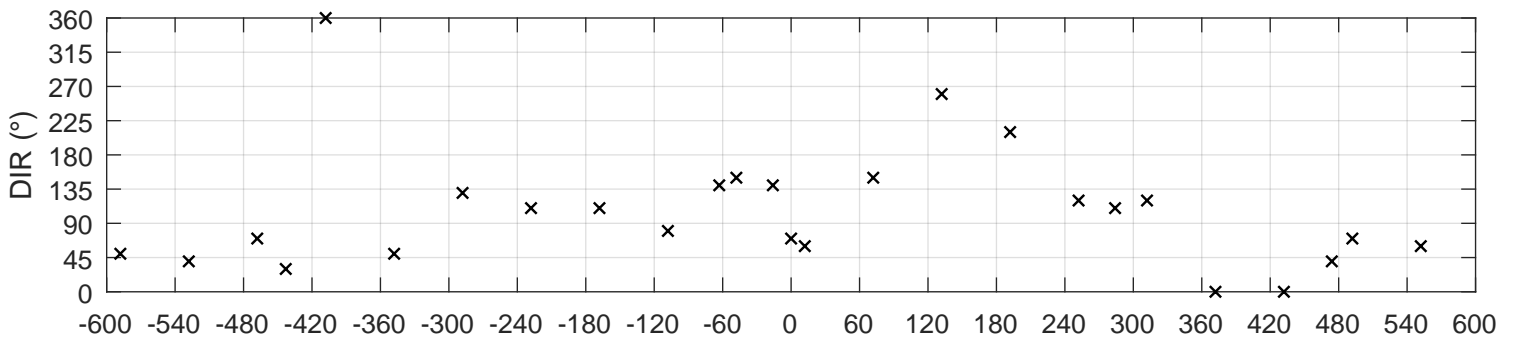
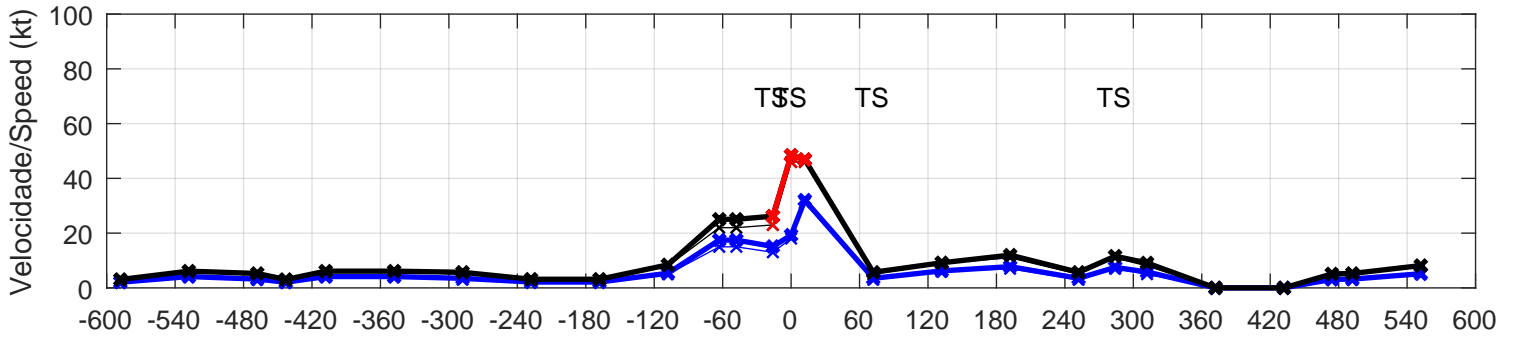
**SBGR-2/83778 EVENTO/EVENT 4 - 08/02/2012, 15:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press. $\Delta$ Direction	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 44 \text{ kt}$	$R_{-6} = 6.8$	$T_{med,3} = 32.4 \text{ }^\circ\text{C}$	$DIR = 120^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 6 \text{ kt}$	$R_{-3} = 3.7$	$\Delta T_{min,3} = -11.9 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 170^\circ$		NON-SYNOPTIC
$g_V = 7.3$	$R_{+3} = 8.3$	$\Delta Q_{max,3} = 0.4 \text{ hPa}$	$\Delta DIR_{max,+3} = 20^\circ$		(110)
$G_{cor} = 50.1 \text{ kt}$	$R_{+6} = 10.8$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 7.0 \text{ kt}$					



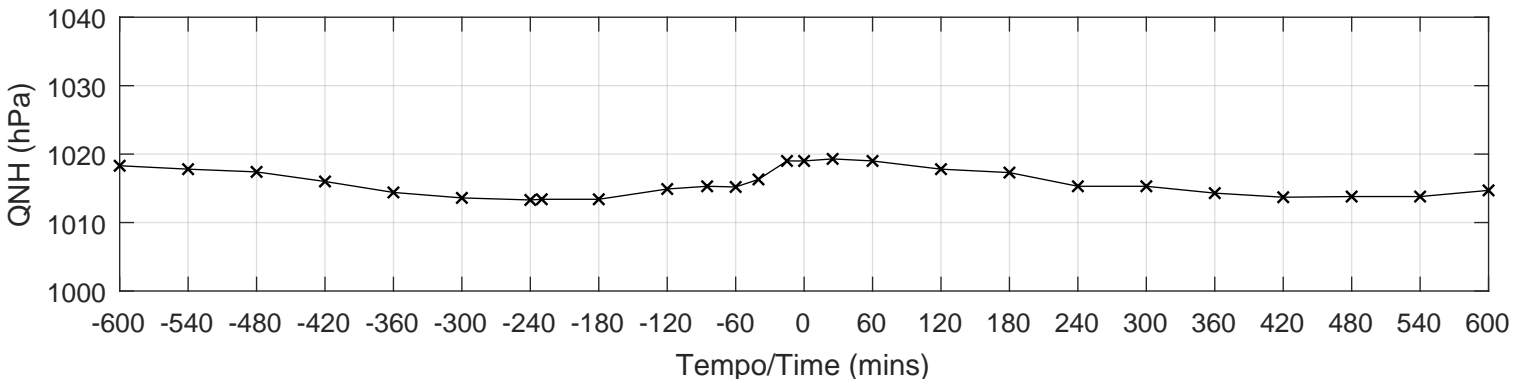
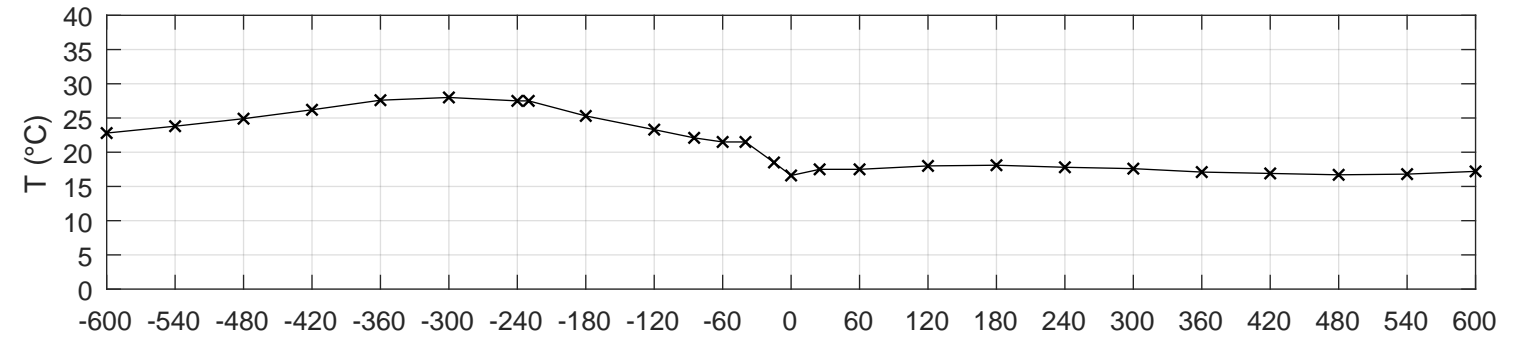
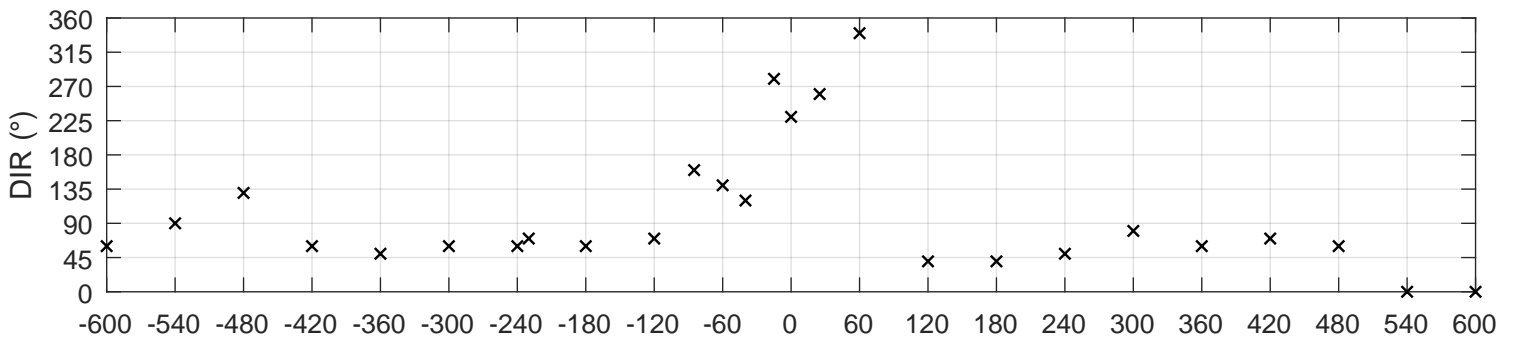
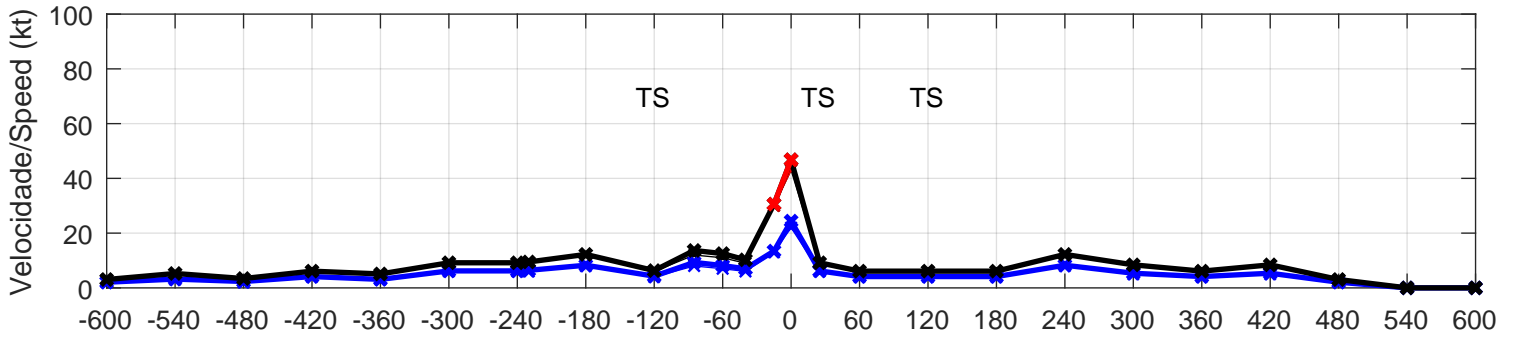
**SBGR-2/83778 EVENTO/EVENT 5 - 07/03/2014, 16:48 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 46 \text{ kt}$	$R_{-6} = 5.8$	$T_{med,3} = 27.0 \text{ }^\circ\text{C}$	$DIR = 70^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 18 \text{ kt}$	$R_{-3} = 4.0$	$\Delta T_{min,3} = -9.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 80^\circ$		NON-SYNOPTIC
$g_V = 2.6$	$R_{+3} = 2.3$	$\Delta Q_{max,3} = 1.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 170^\circ$		(110)
$G_{cor} = 48.4 \text{ kt}$	$R_{+6} = 3.2$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 19.3 \text{ kt}$					



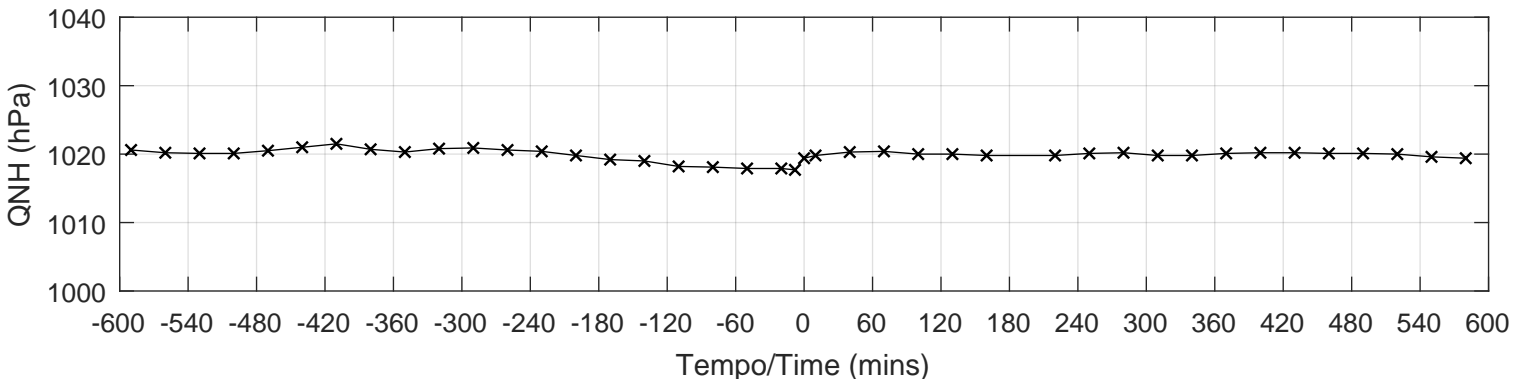
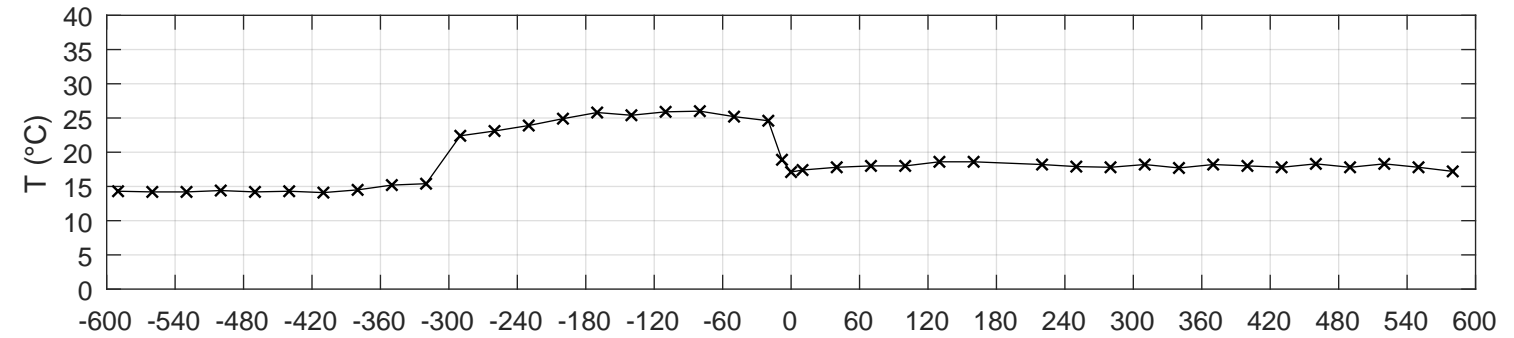
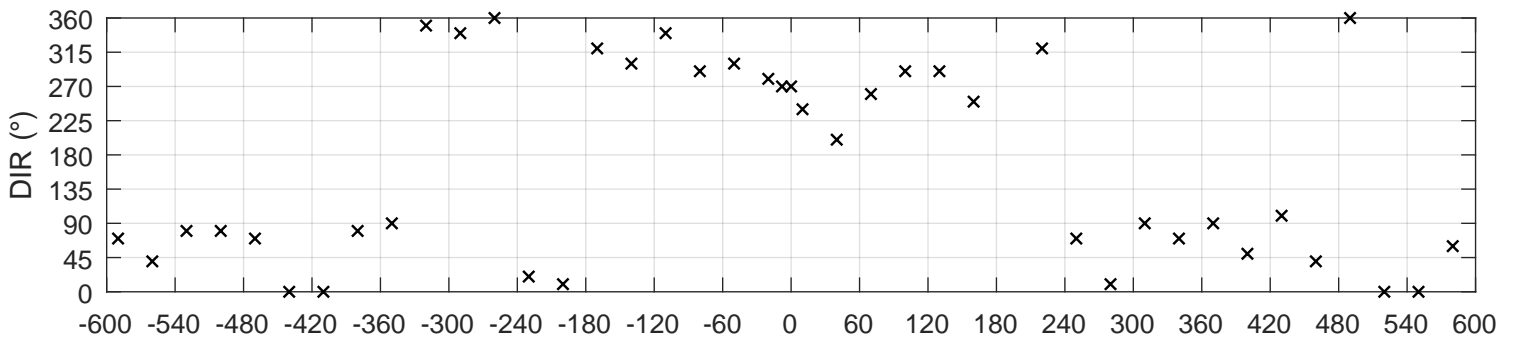
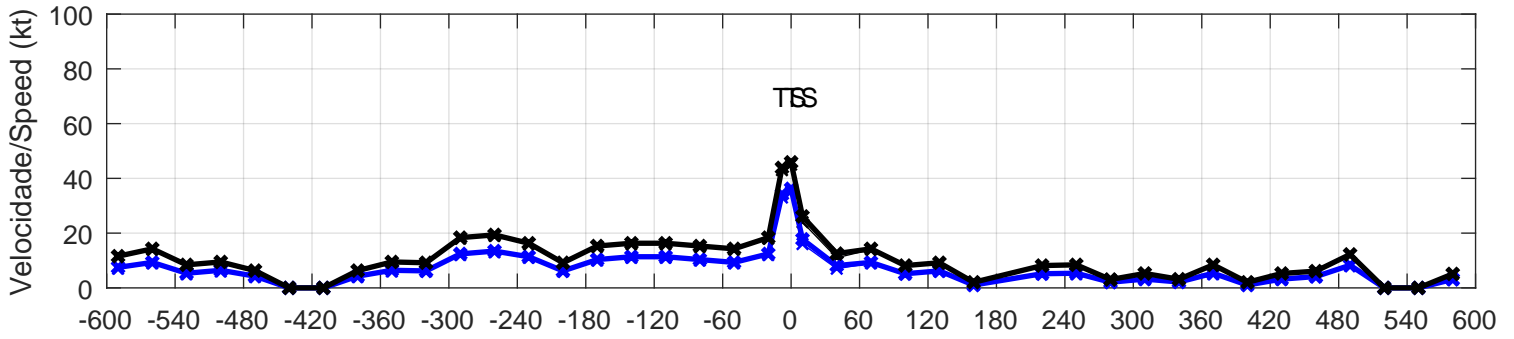
**SBGR-2/83778 EVENTO/EVENT 6 - 19/11/2006, 20:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 43 \text{ kt}$	$R_{-6} = 4.4$	$T_{med,3} = 23.7 \text{ }^\circ\text{C}$	$DIR = 230^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 22 \text{ kt}$	$R_{-3} = 3.6$	$\Delta T_{min,3} = -6.7 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 170^\circ$		NON-SYNOPTIC
$g_V = 2.0$	$R_{+3} = 6.6$	$\Delta Q_{max,3} = 4.4 \text{ hPa}$	$\Delta DIR_{max,+3} = 170^\circ$		(110)
$G_{cor} = 46.8 \text{ kt}$	$R_{+6} = 5.7$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 24.4 \text{ kt}$					



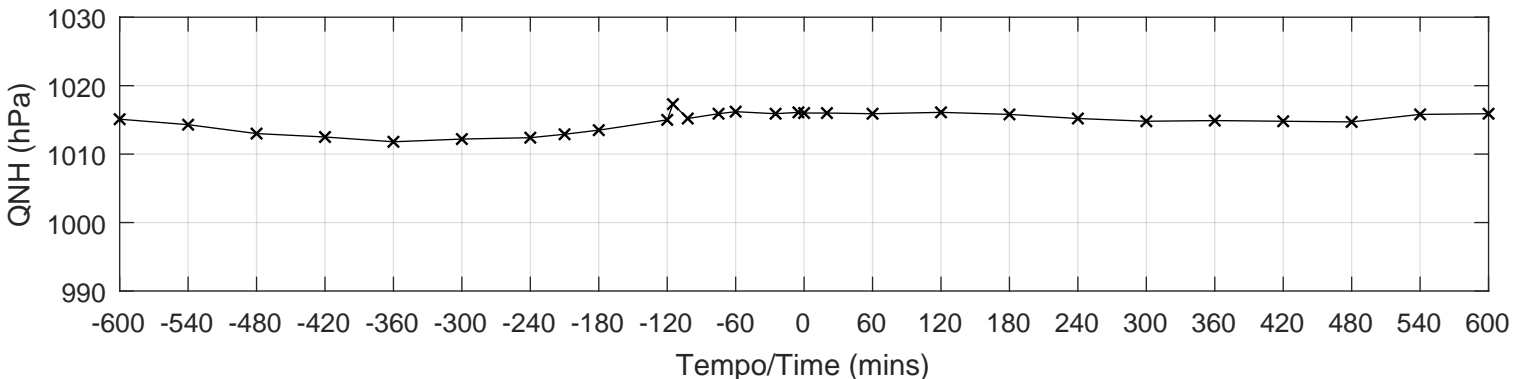
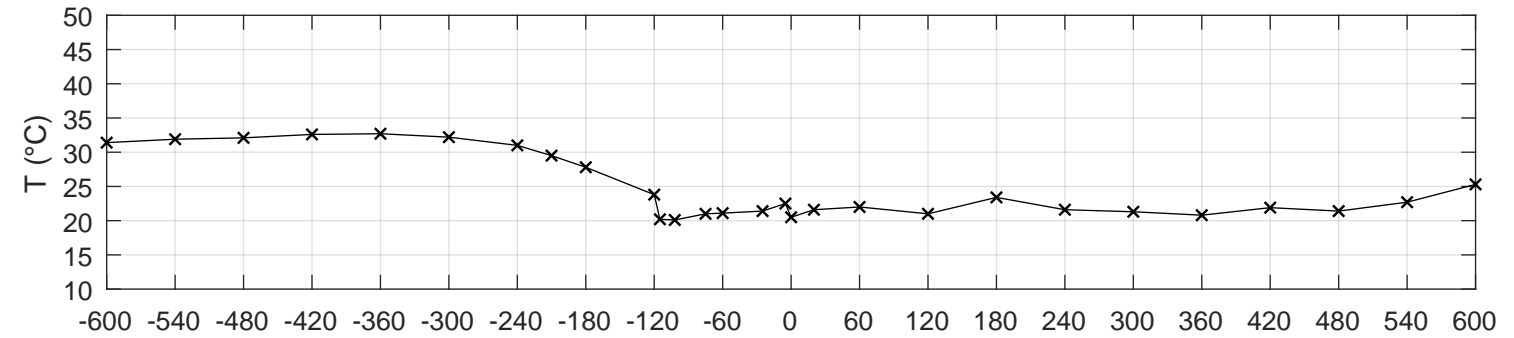
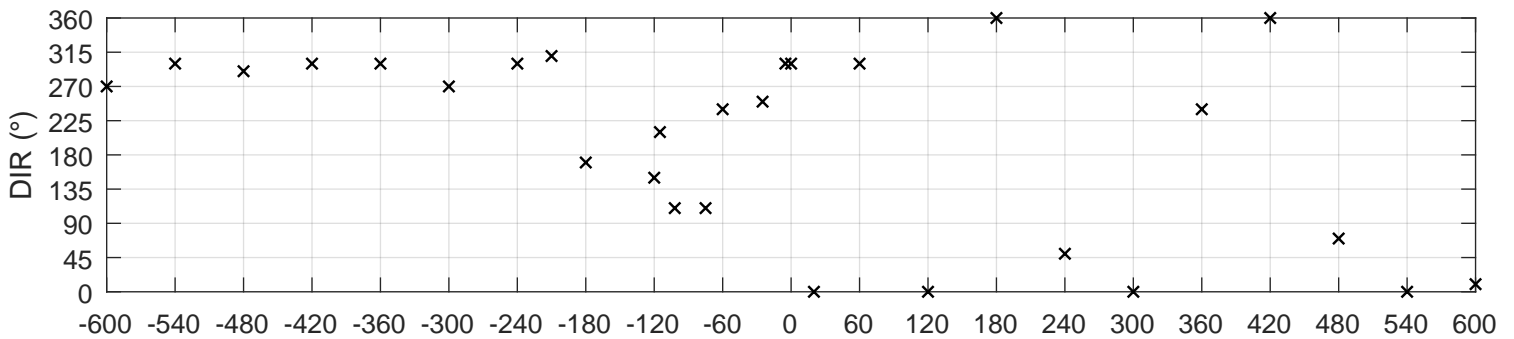
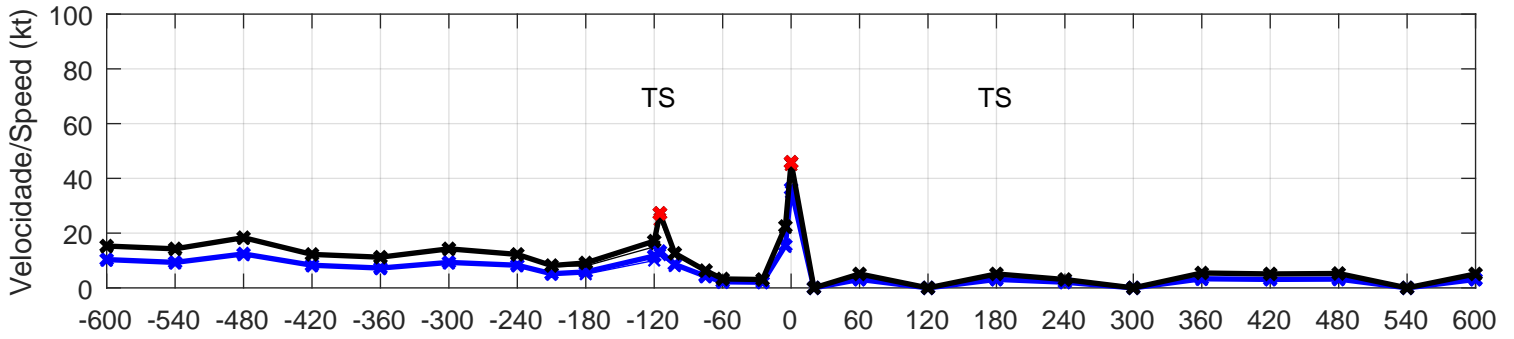
**SBGR-2/83778 EVENTO/EVENT 7 - 24/08/2001, 15:20 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 45$ kt	$R_{-6} = 3.0$	$T_{med,3} = 25.8$ °C	$DIR = 270^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 35$ kt	$R_{-3} = 2.7$	$\Delta T_{min,3} = -8.9$ °C	$\Delta DIR_{max,-3} = 70^\circ$		NON-SYNOPTIC
$g_V = []$	$R_{+3} = 4.5$	$\Delta Q_{max,3} = 2.6$ hPa	$\Delta DIR_{max,+3} = 70^\circ$		(120)
$G_{cor} = 45.9$ kt	$R_{+6} = 5.6$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 36.2$ kt					



**SBGR-2/83778 EVENTO/EVENT 8 - 23/02/2010, 22:00 LOCAL (PAS31/2017)**

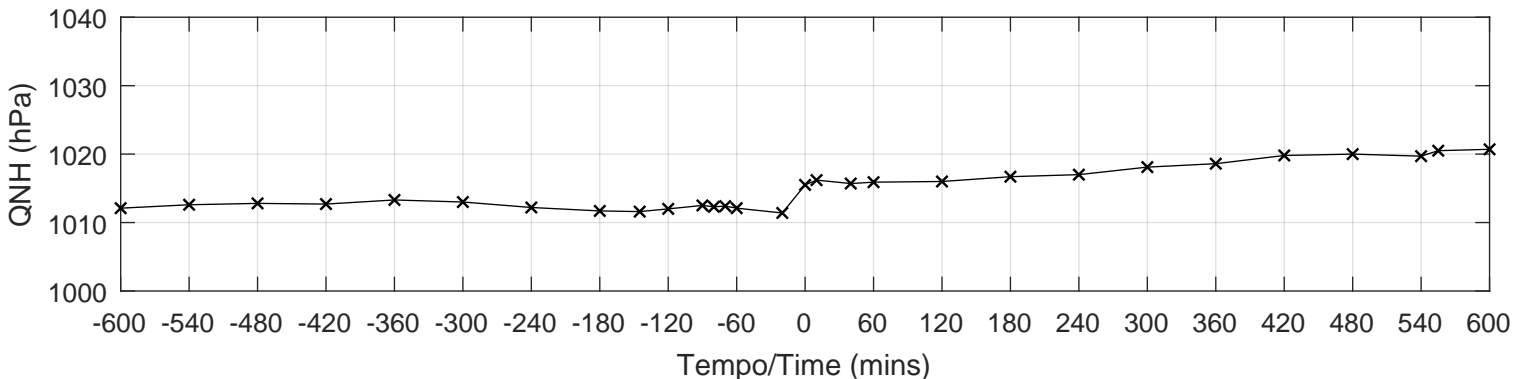
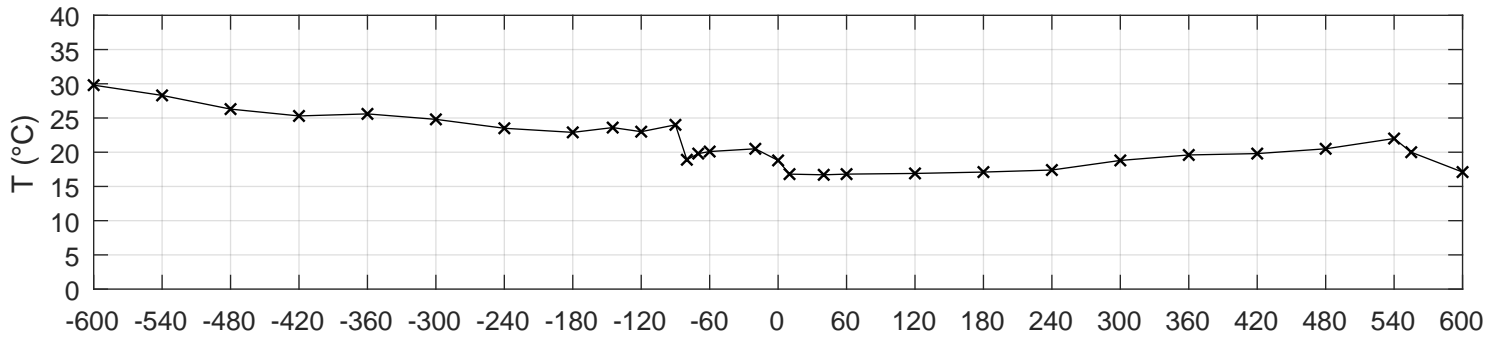
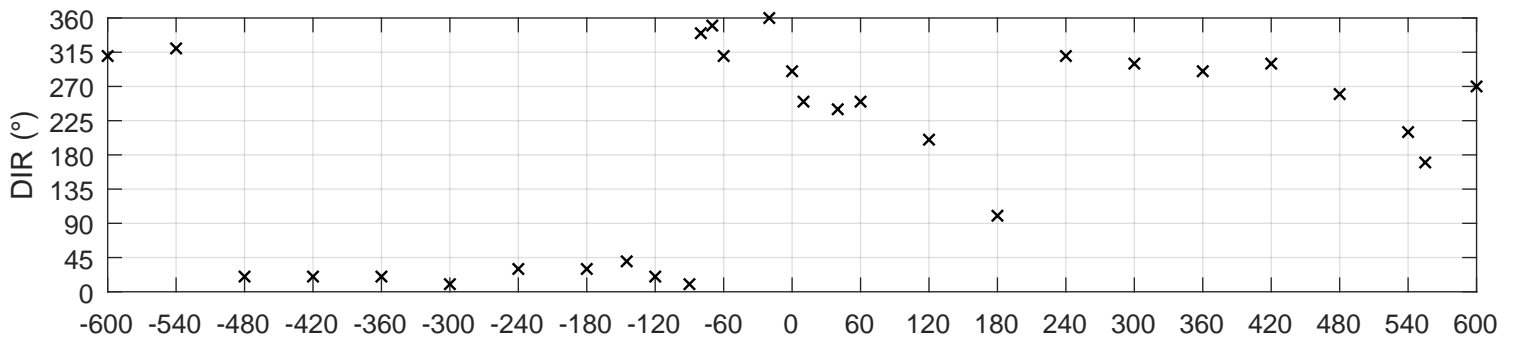
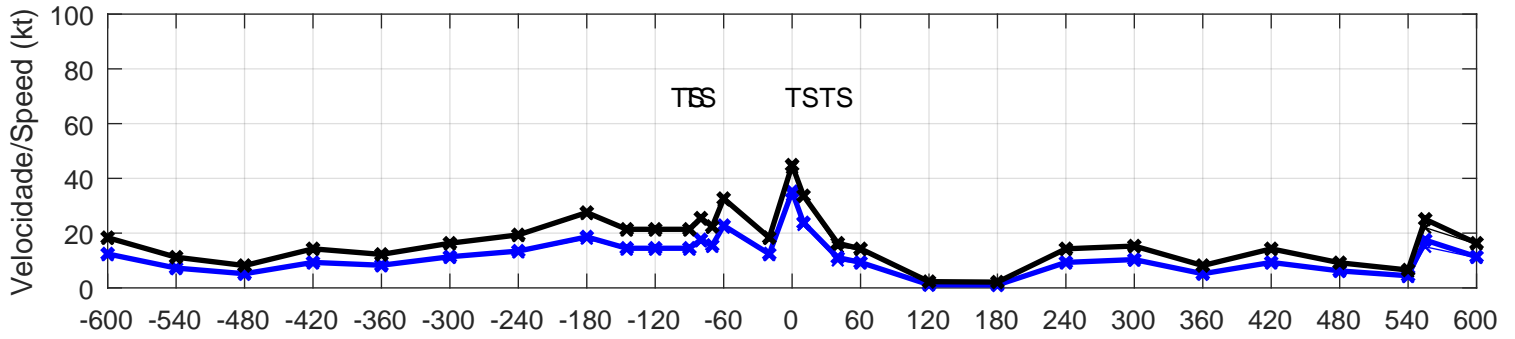
Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 45 \text{ kt}$	$R_{-6} = 4.4$	$T_{med,3} = 23.5 \text{ }^\circ\text{C}$	$DIR = 300^\circ$	NÃO/NO	NÃO-SINÓTICO
$V_{obs} = 35 \text{ kt}$	$R_{-3} = 5.2$	$\Delta T_{min,3} = -3.7 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 170^\circ$		NON-SYNOPTIC
$g_V = 1.3$	$R_{+3} = 16.5$	$\Delta Q_{max,3} = 2.3 \text{ hPa}$	$\Delta DIR_{max,+3} = 60^\circ$		(113)
$G_{cor} = 45.9 \text{ kt}$	$R_{+6} = 16.7$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 36.2 \text{ kt}$					





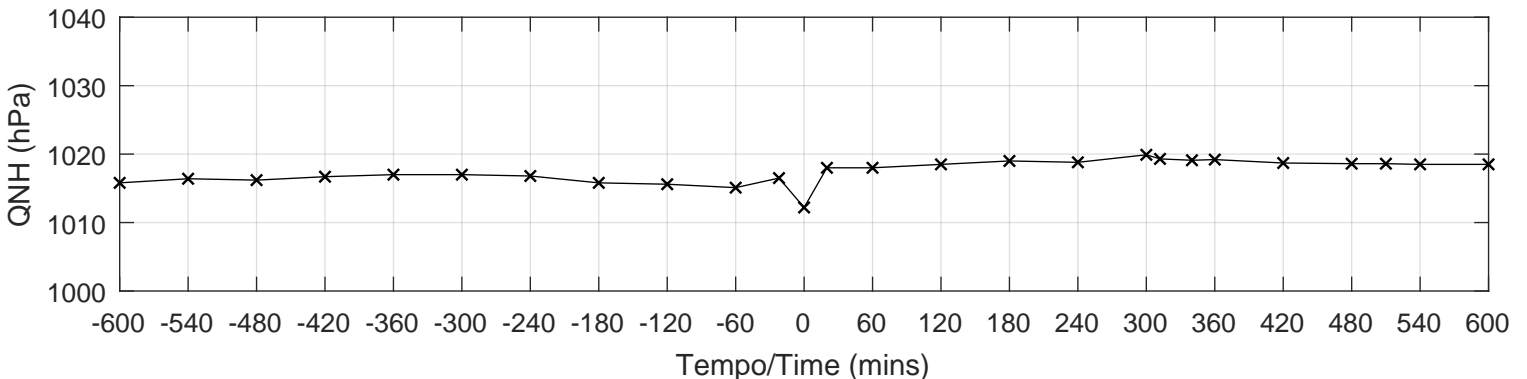
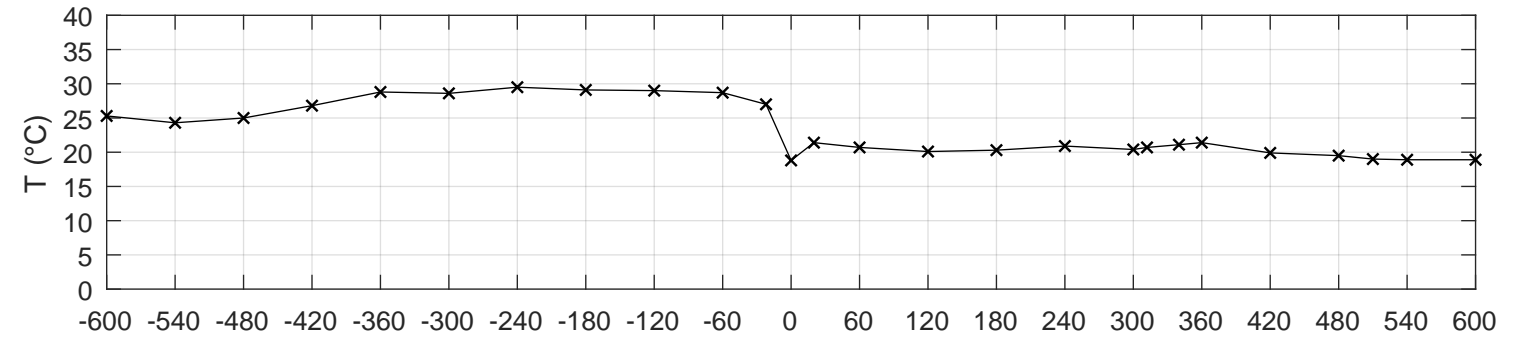
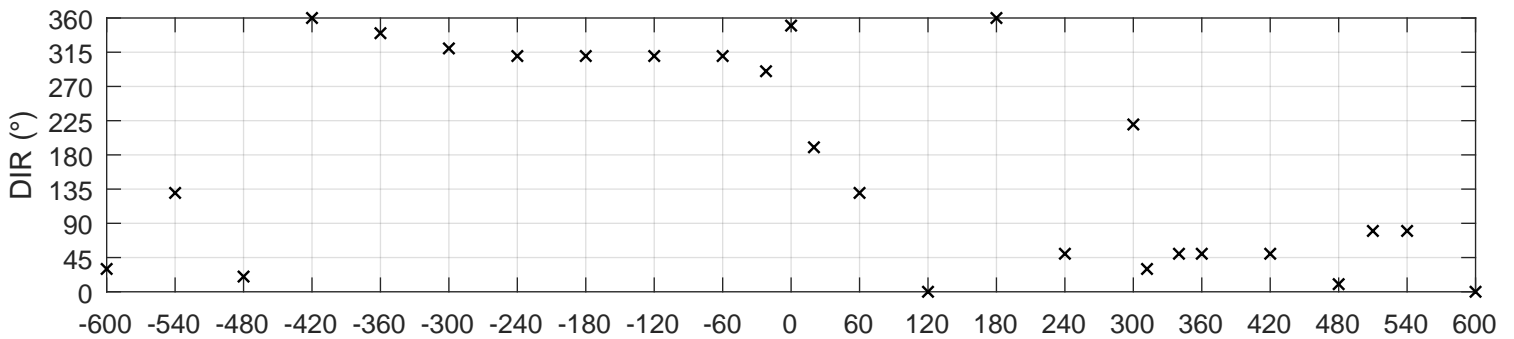
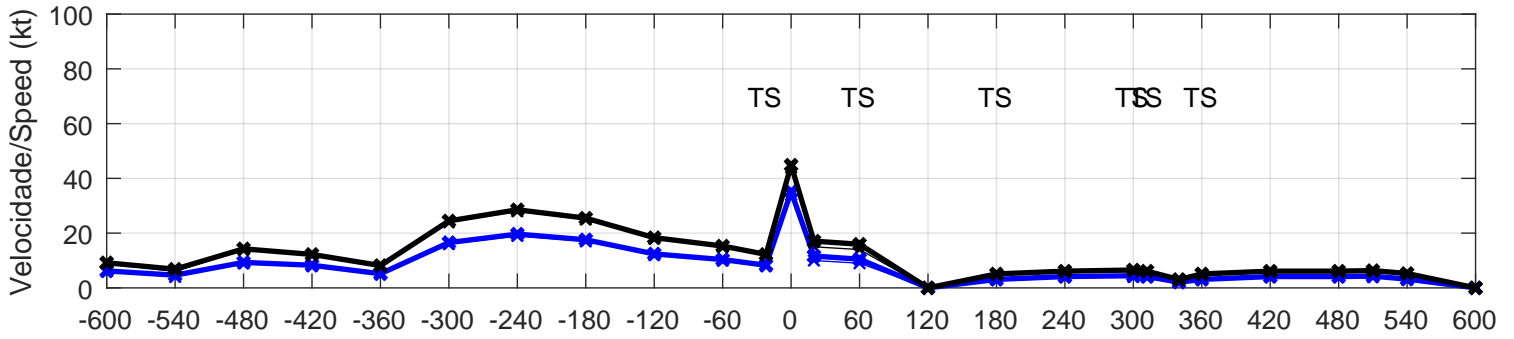
**SBGR-2/83778 EVENTO/EVENT 9 - 07/09/2002, 03:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 44$ kt	$R_{-6} = 2.2$	$T_{med,3} = 22.0$ °C	$DIR = 290^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 34$ kt	$R_{-3} = 1.8$	$\Delta T_{min,3} = -7.3$ °C	$\Delta DIR_{max,-3} = 110^\circ$		NON-SYNOPTIC
$g_V = [ ]$	$R_{+3} = 4.3$	$\Delta Q_{max,3} = 4.8$ hPa	$\Delta DIR_{max,+3} = 170^\circ$		(120)
$G_{cor} = 44.8$ kt	$R_{+6} = 3.9$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 35.2$ kt					



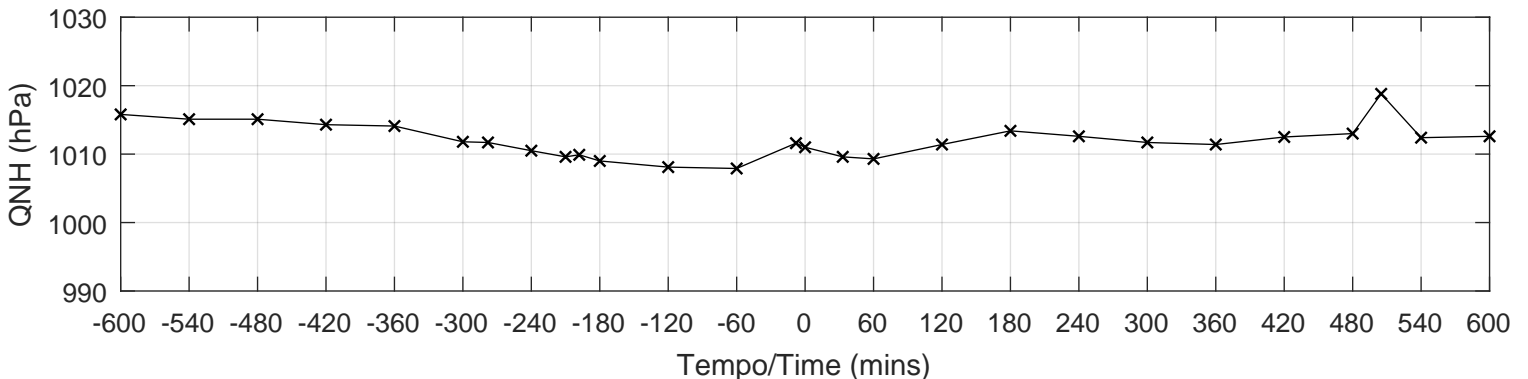
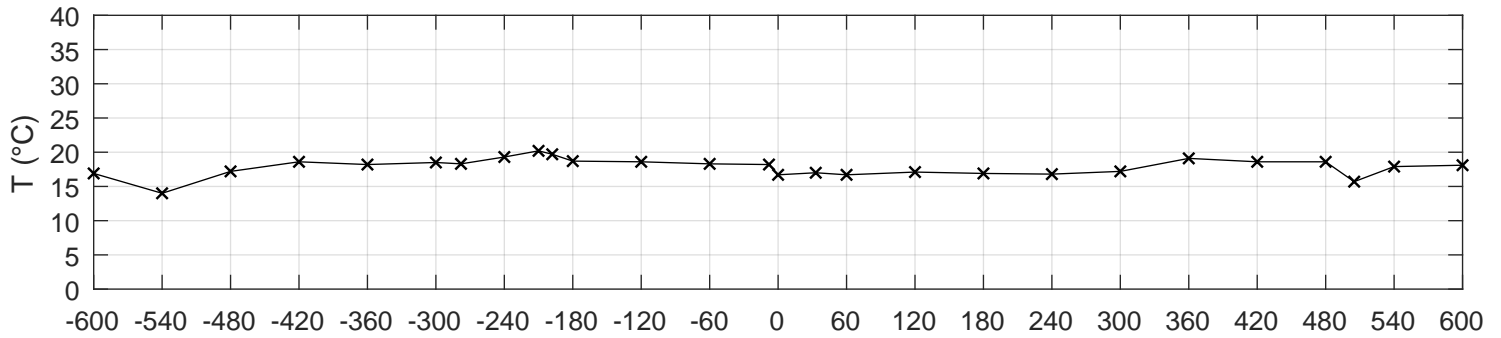
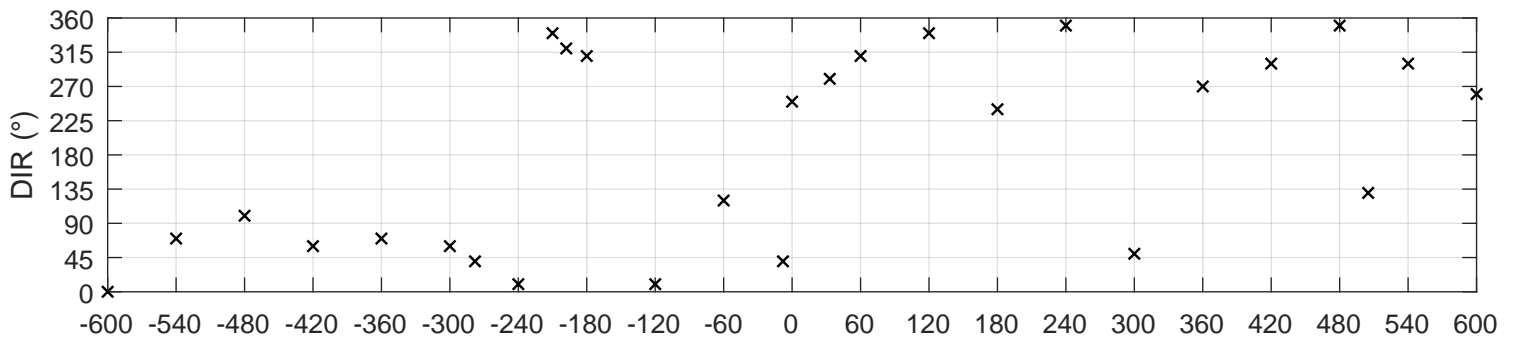
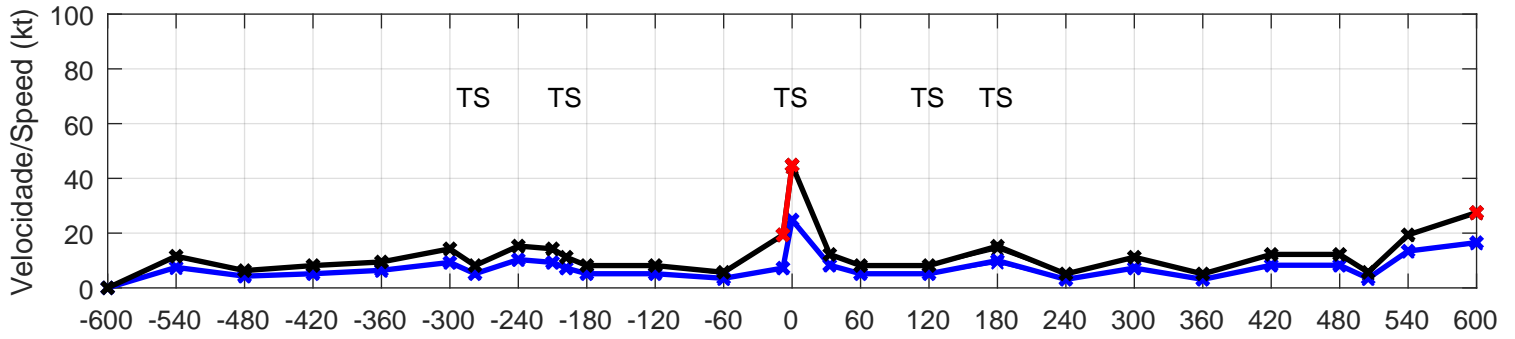
**SBGR-2/83778 EVENTO/EVENT 10 - 28/09/2009, 16:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 44$ kt	$R_{-6} = 2.3$	$T_{med,3} = 29.0$ °C	$DIR = 350^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 34$ kt	$R_{-3} = 2.3$	$\Delta T_{min,3} = -10.2$ °C	$\Delta DIR_{max,-3} = 60^\circ$		NON-SYNOPTIC
$g_V = [ ]$	$R_{+3} = 5.6$	$\Delta Q_{max,3} = 5.8$ hPa	$\Delta DIR_{max,+3} = 160^\circ$		(120)
$G_{cor} = 44.8$ kt	$R_{+6} = 6.5$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 35.2$ kt					



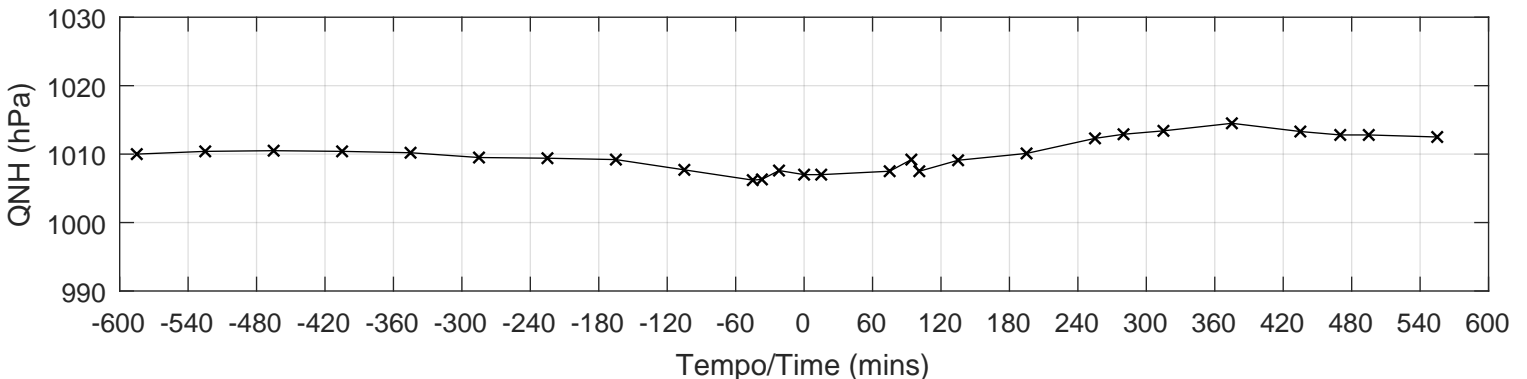
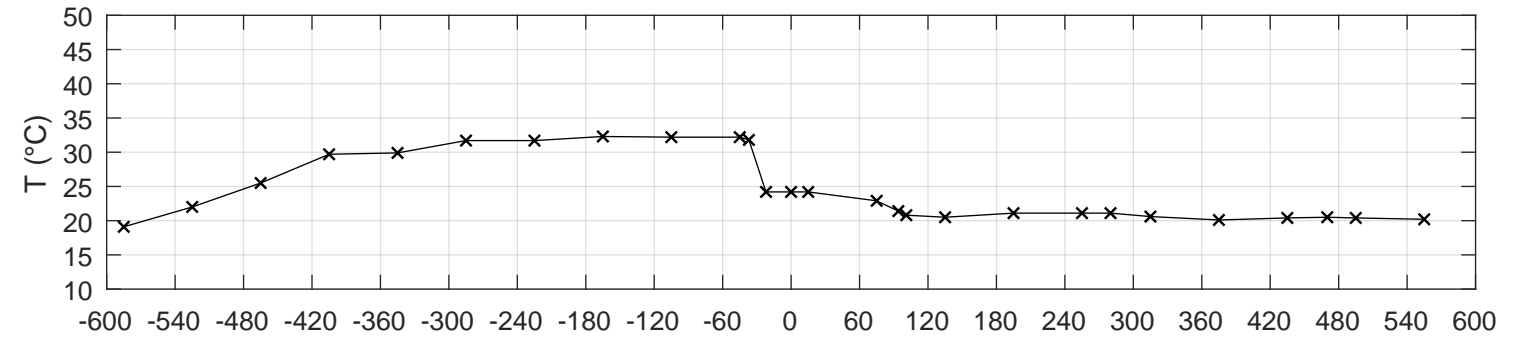
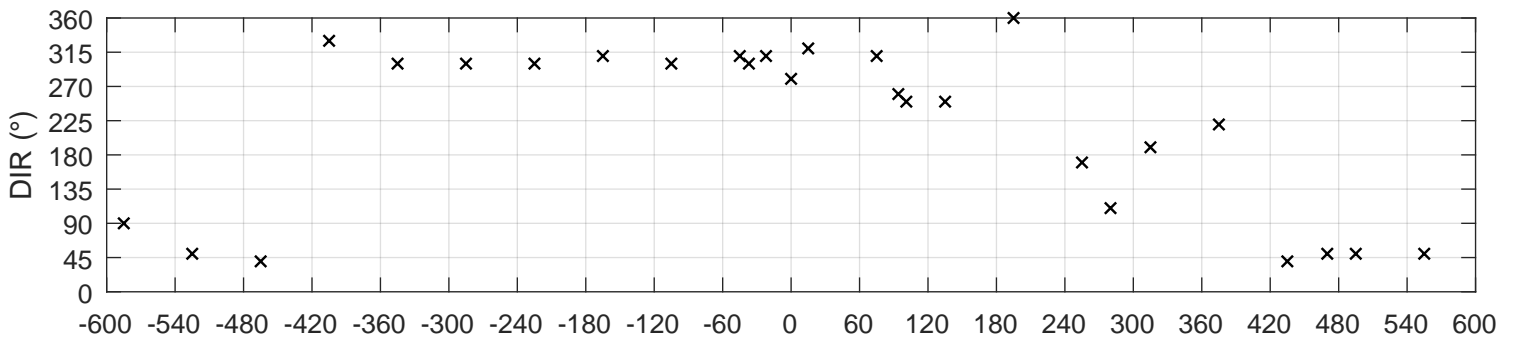
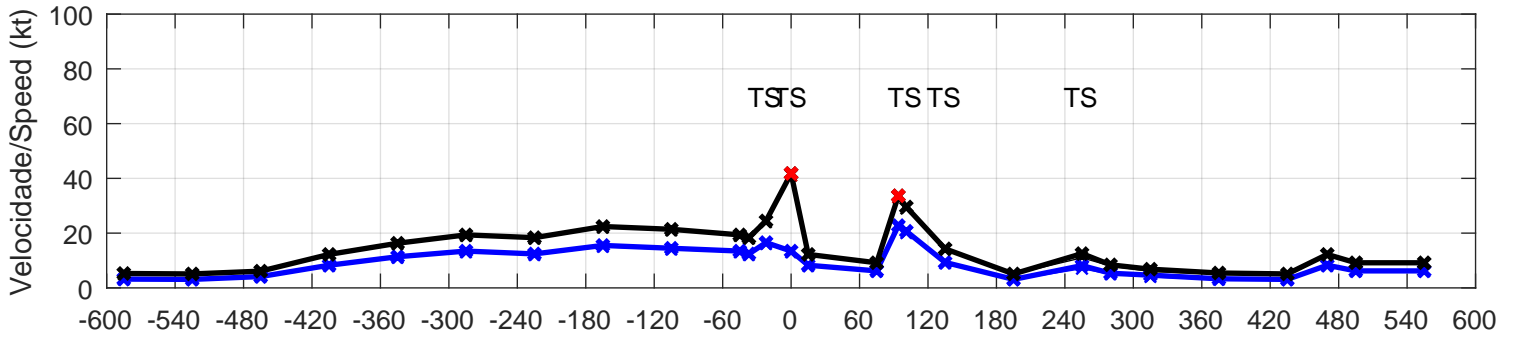
**SBGR-2/83778 EVENTO/EVENT 11 - 08/09/2015, 17:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 44 \text{ kt}$	$R_{-6} = 4.7$	$T_{med,3} = 18.5 \text{ }^\circ\text{C}$	$DIR = 250^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 24 \text{ kt}$	$R_{-3} = 5.8$	$\Delta T_{min,3} = -1.9 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 150^\circ$		NON-SYNOPTIC
$g_V = 1.8$	$R_{+3} = 4.3$	$\Delta Q_{max,3} = 3.7 \text{ hPa}$	$\Delta DIR_{max,+3} = 90^\circ$		(110)
$G_{cor} = 44.8 \text{ kt}$	$R_{+6} = 5.0$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 24.8 \text{ kt}$					



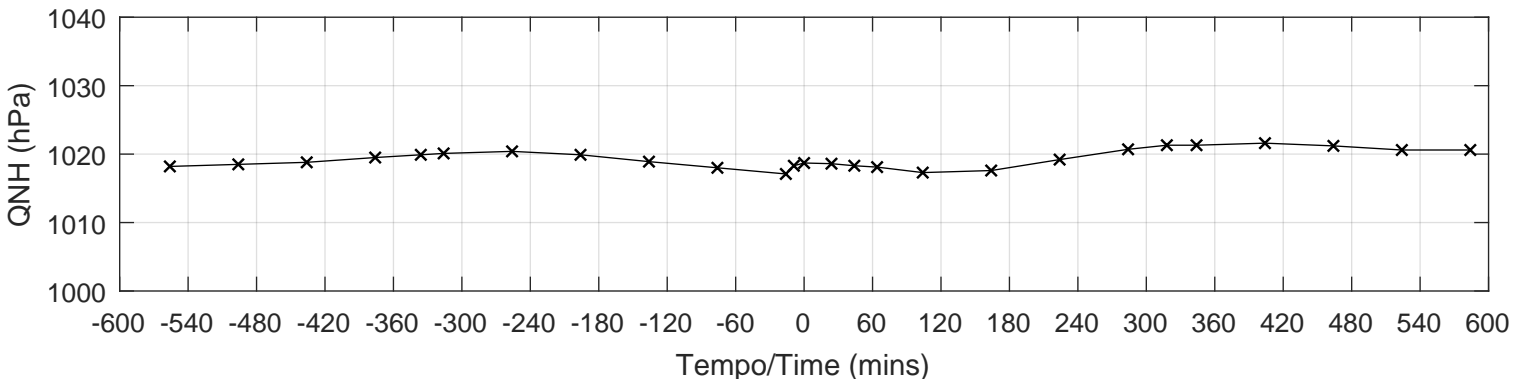
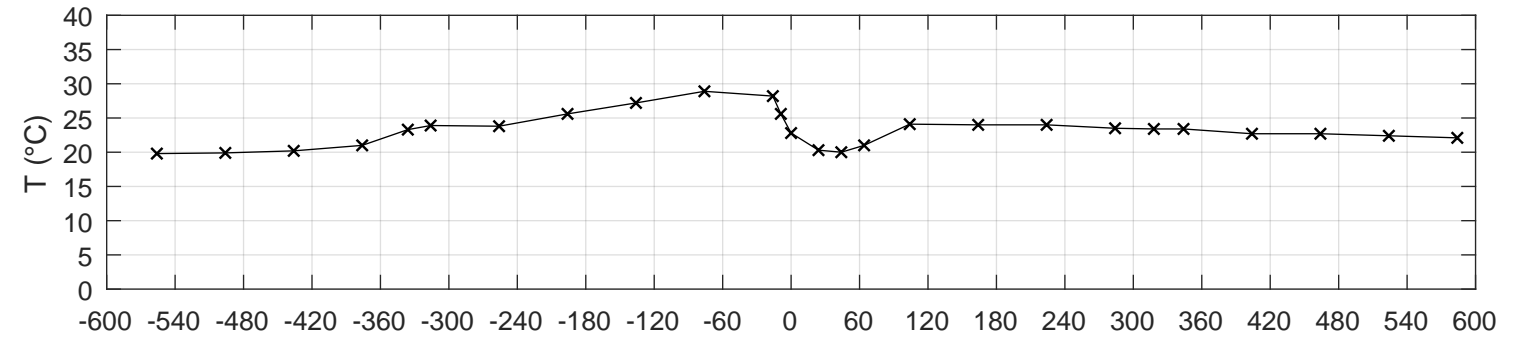
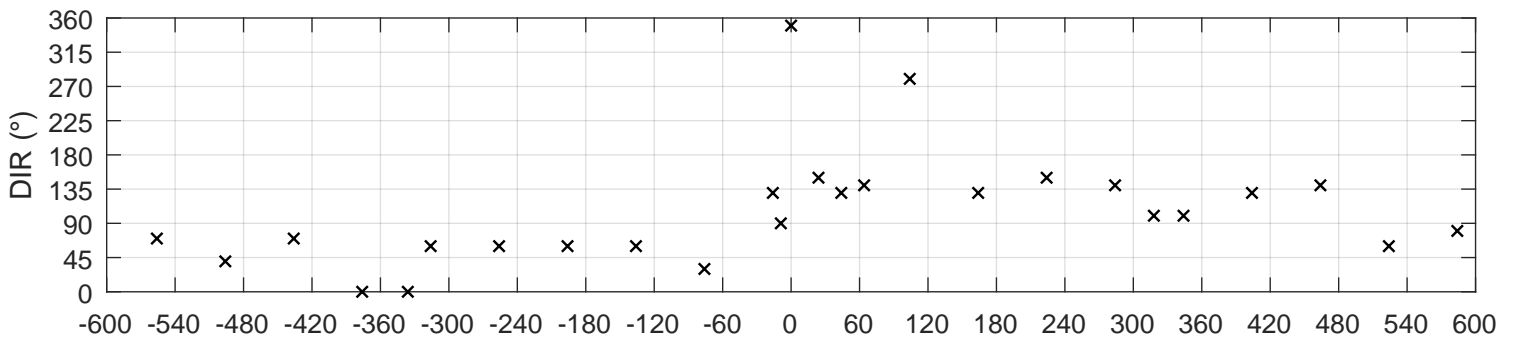
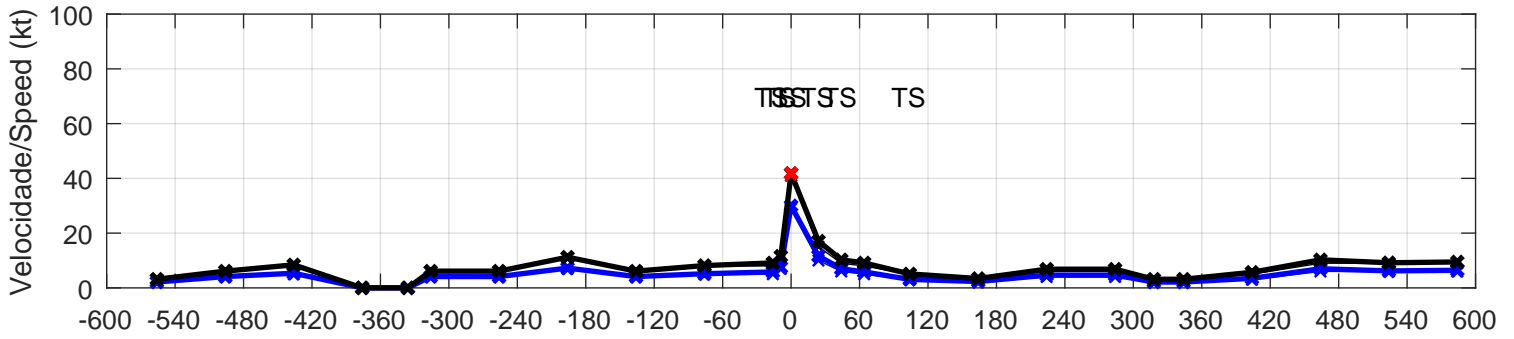
**SBGR-2/83778 EVENTO/EVENT 12 - 01/11/2007, 15:45 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 41 \text{ kt}$	$R_{-6} = 2.1$	$T_{med,3} = 32.3 \text{ }^\circ\text{C}$	$DIR = 280^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 13 \text{ kt}$	$R_{-3} = 1.9$	$\Delta T_{min,3} = -8.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 30^\circ$		NON-SYNOPTIC
$g_V = 3.2$	$R_{+3} = 2.5$	$\Delta Q_{max,3} = 1.4 \text{ hPa}$	$\Delta DIR_{max,+3} = 40^\circ$		(110)
$G_{cor} = 41.8 \text{ kt}$	$R_{+6} = 3.5$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 13.4 \text{ kt}$					



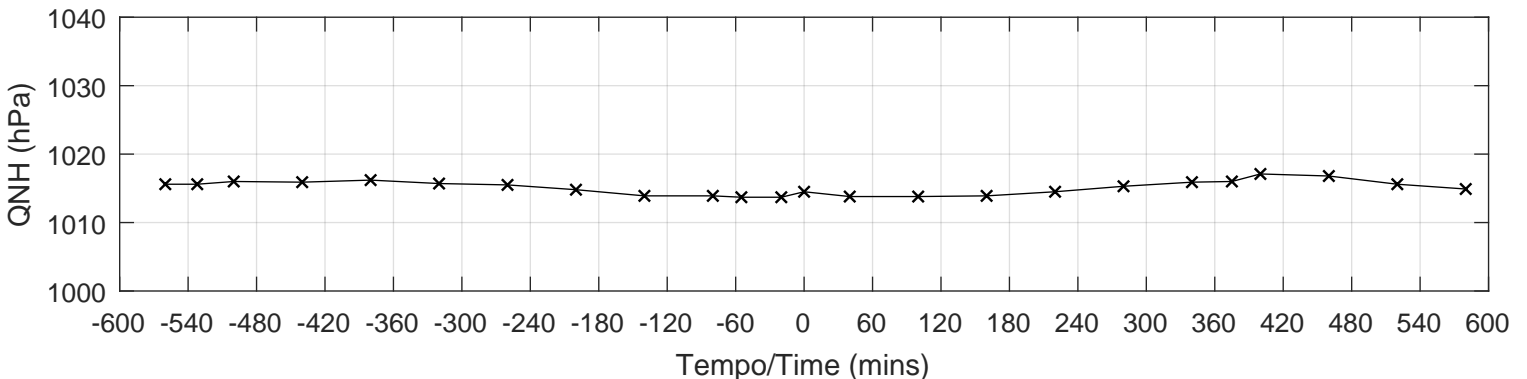
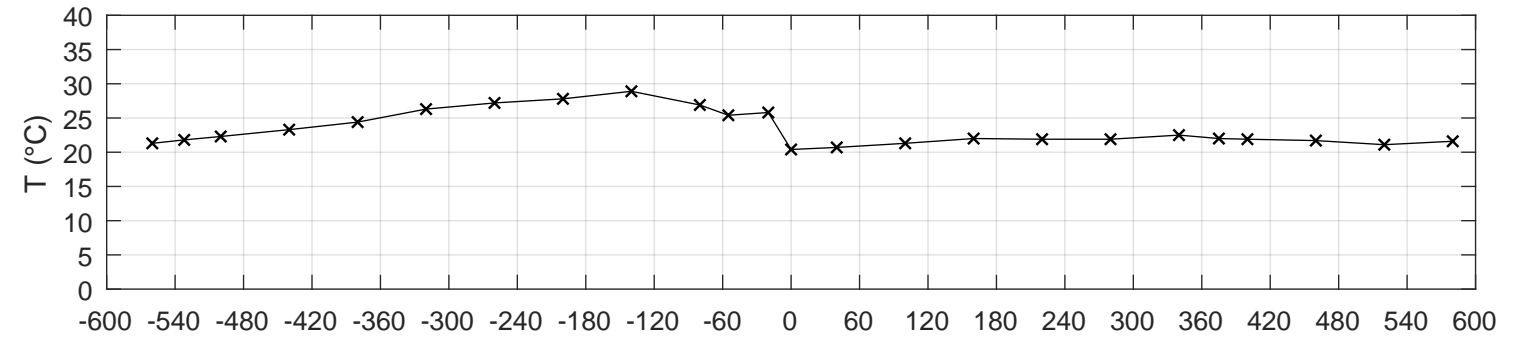
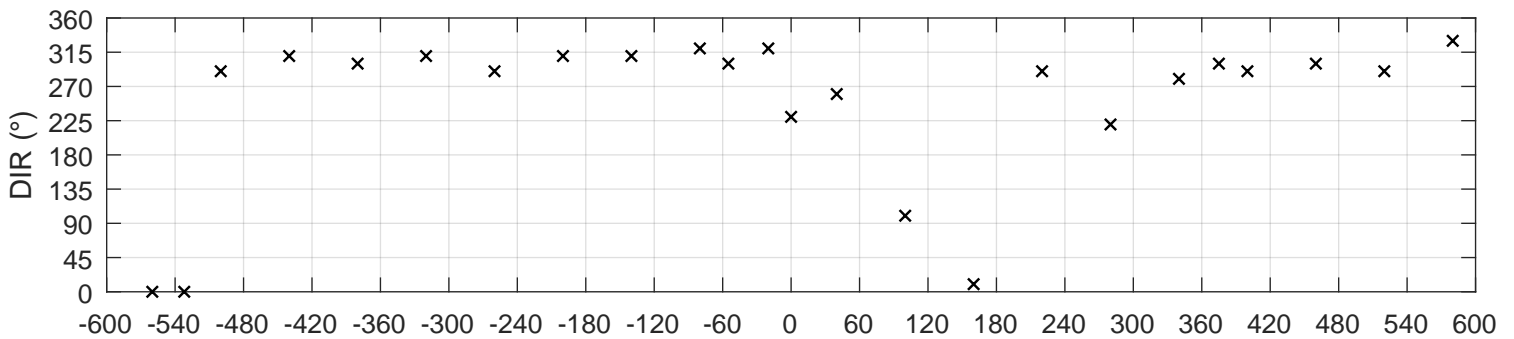
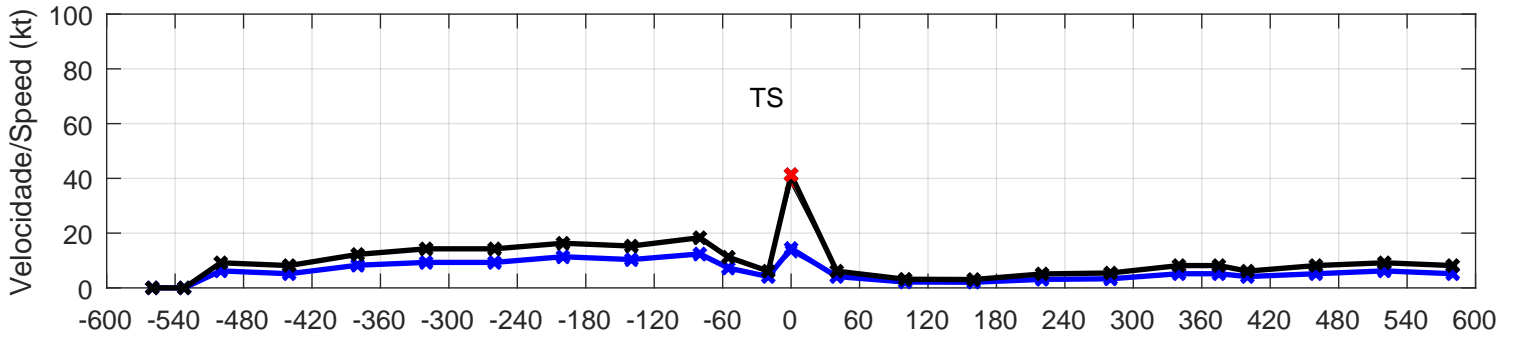
**SBGR-2/83778 EVENTO/EVENT 13 - 07/03/2013, 14:16 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 41 \text{ kt}$	$R_{-6} = 5.8$	$T_{med,3} = 28.1 \text{ }^\circ\text{C}$	$DIR = 350^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 29 \text{ kt}$	$R_{-3} = 5.6$	$\Delta T_{min,3} = -8.9 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 140^\circ$		NON-SYNOPTIC
$g_V = 1.4$	$R_{+3} = 6.4$	$\Delta Q_{max,3} = 1.6 \text{ hPa}$	$\Delta DIR_{max,+3} = 160^\circ$		(110)
$G_{cor} = 41.8 \text{ kt}$	$R_{+6} = 7.4$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 30.0 \text{ kt}$					



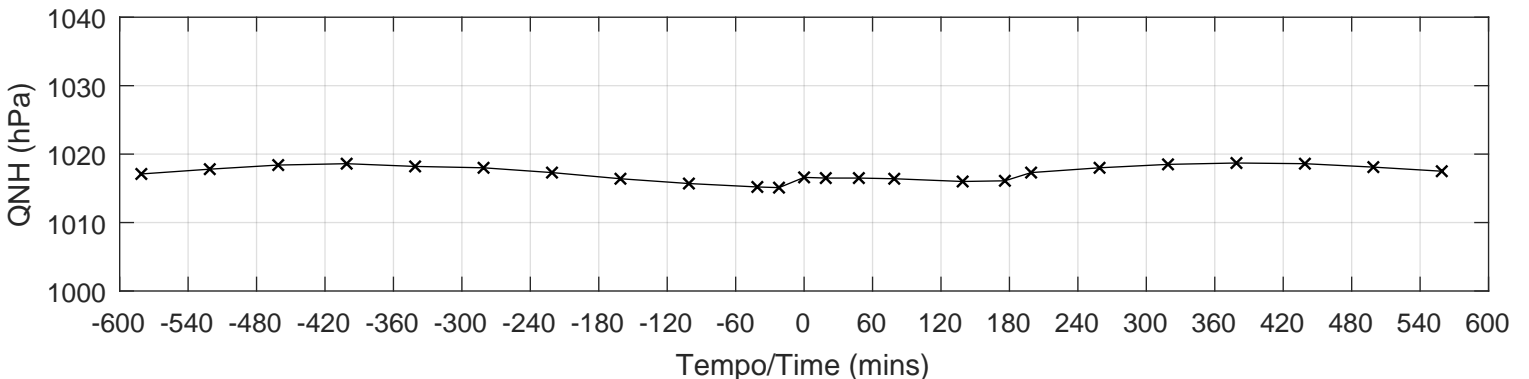
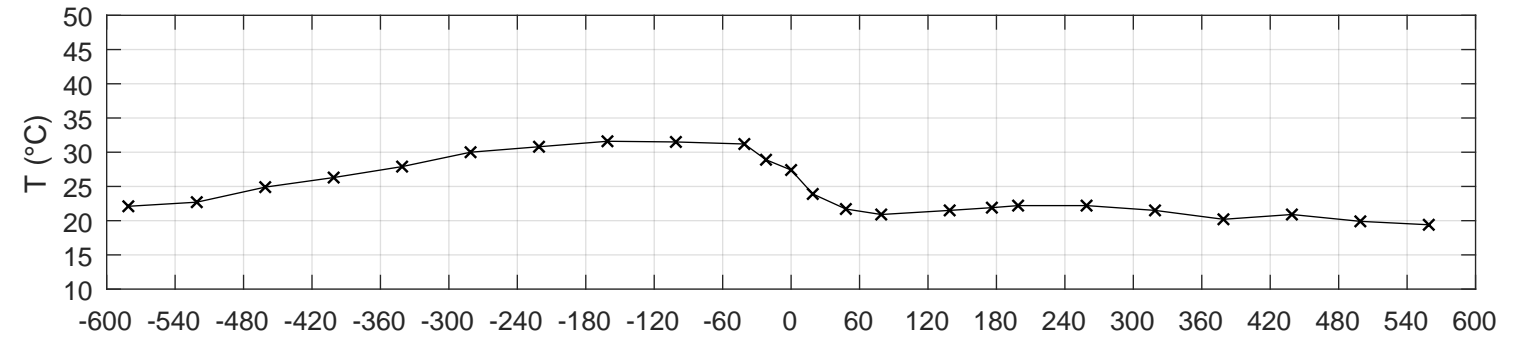
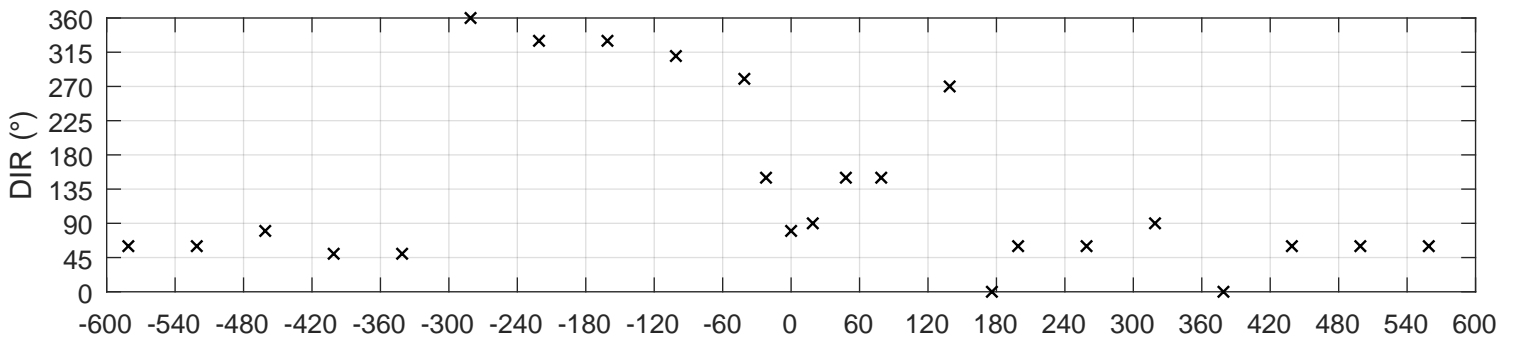
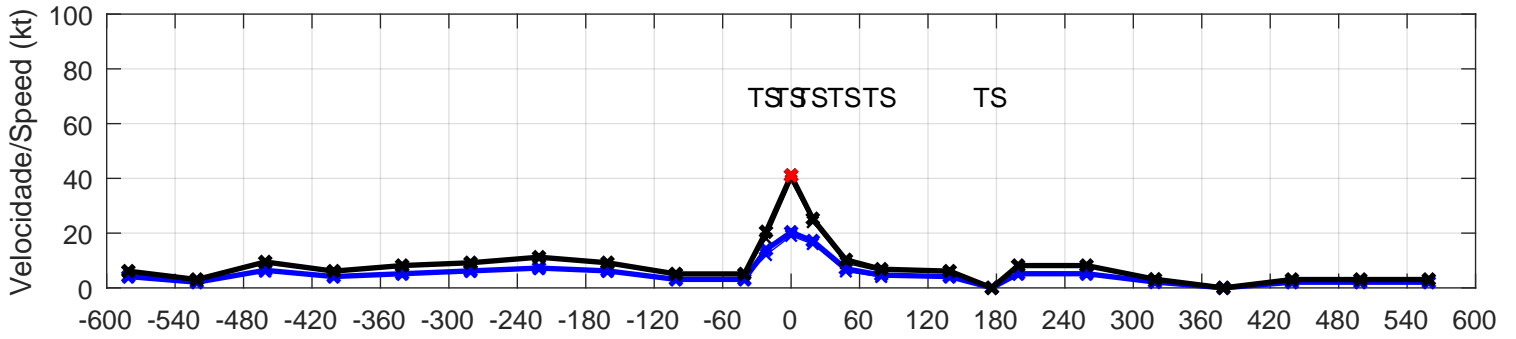
**SBGR-2/83778 EVENTO/EVENT 14 - 24/12/2006, 15:20 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 38 \text{ kt}$	$R_{-6} = 2.7$	$T_{med,3} = 28.3 \text{ }^\circ\text{C}$	$DIR = 230^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 13 \text{ kt}$	$R_{-3} = 2.9$	$\Delta T_{min,3} = -6.5 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 90^\circ$		NON-SYNOPTIC
$g_V = 2.9$	$R_{+3} = 9.5$	$\Delta Q_{max,3} = 0.8 \text{ hPa}$	$\Delta DIR_{max,+3} = 140^\circ$		(110)
$G_{cor} = 41.3 \text{ kt}$	$R_{+6} = 8.0$	$\Delta$ Grupo/Group = 2			
$V_{cor} = 14.4 \text{ kt}$					



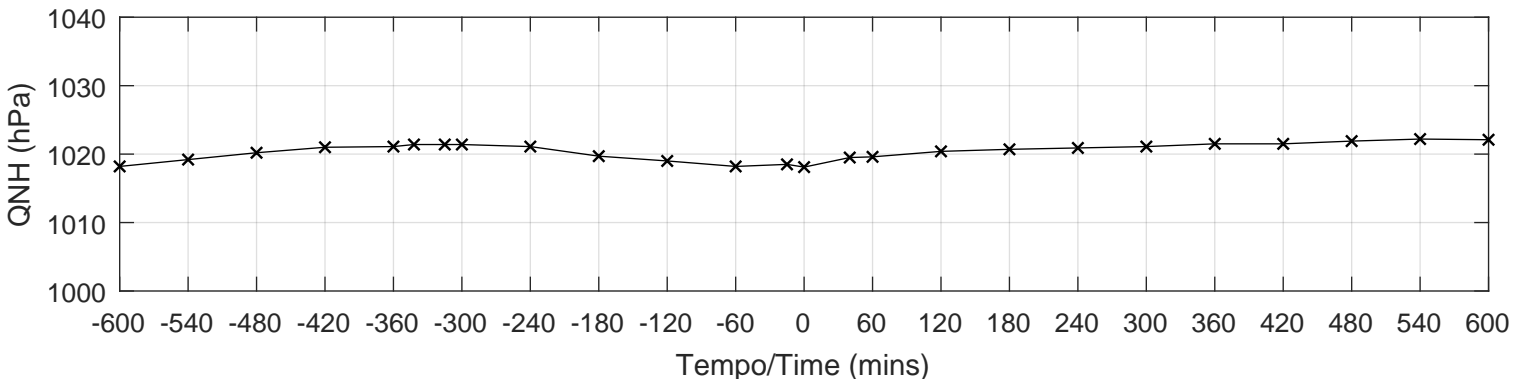
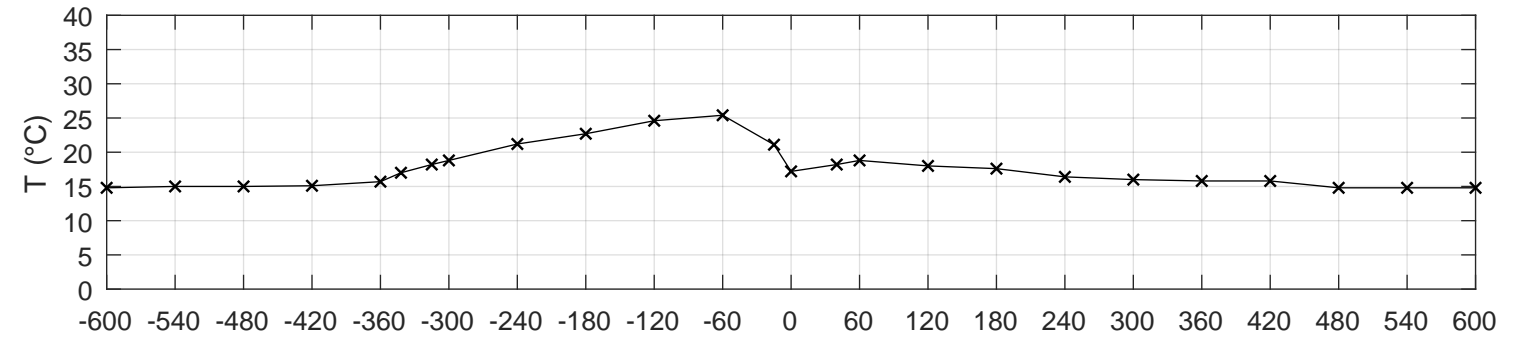
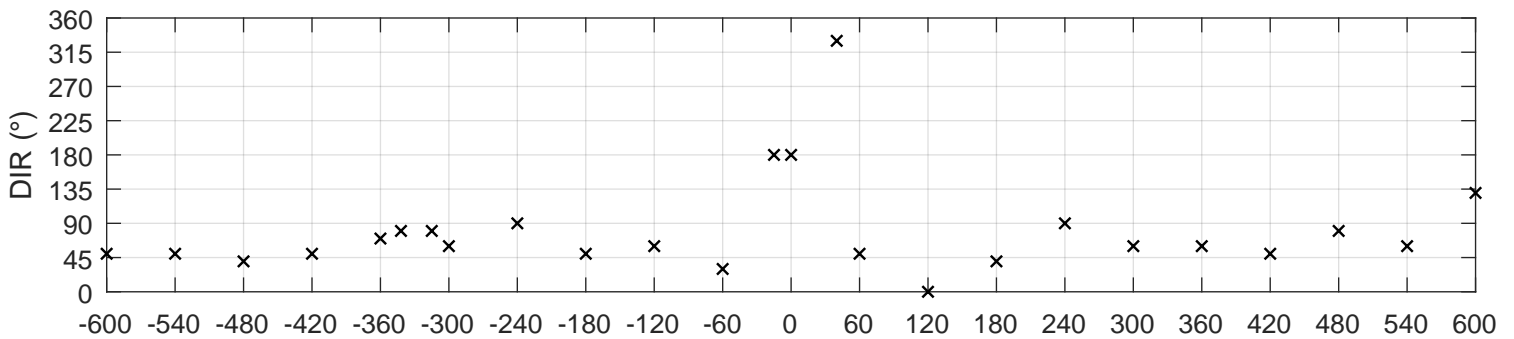
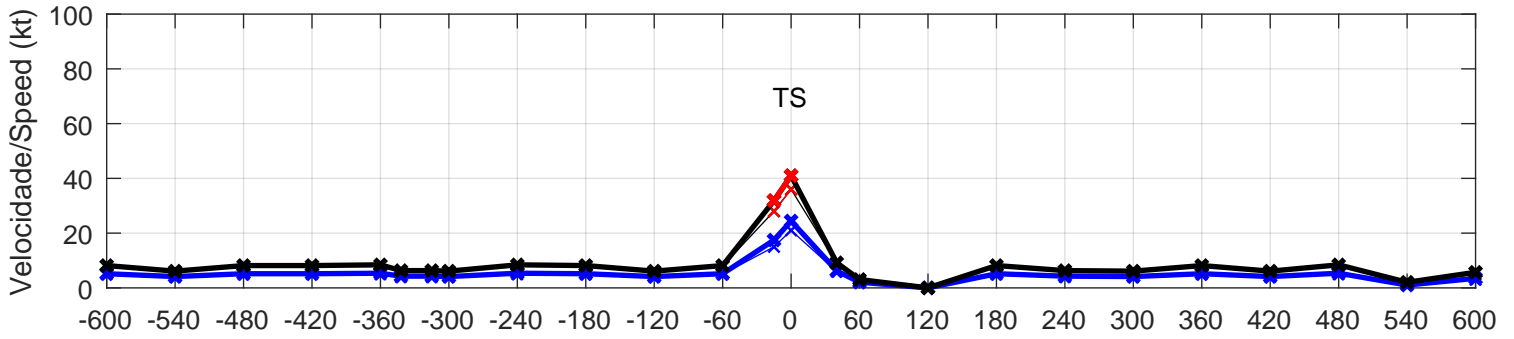
**SBGR-2/83778 EVENTO/EVENT 15 - 09/01/2014, 15:41 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 39 \text{ kt}$	$R_{-6} = 4.4$	$T_{med,3} = 31.6 \text{ }^\circ\text{C}$	$DIR = 80^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 19 \text{ kt}$	$R_{-3} = 4.7$	$\Delta T_{min,3} = -9.8 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 160^\circ$		NON-SYNOPTIC
$g_V = 2.1$	$R_{+3} = 4.5$	$\Delta Q_{max,3} = 1.5 \text{ hPa}$	$\Delta DIR_{max,+3} = 170^\circ$		(110)
$G_{cor} = 41.0 \text{ kt}$	$R_{+6} = 5.2$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 20.3 \text{ kt}$					



**SBGR-2/83778 EVENTO/EVENT 16 - 05/08/2008, 15:00 LOCAL (PAS31/2017)**

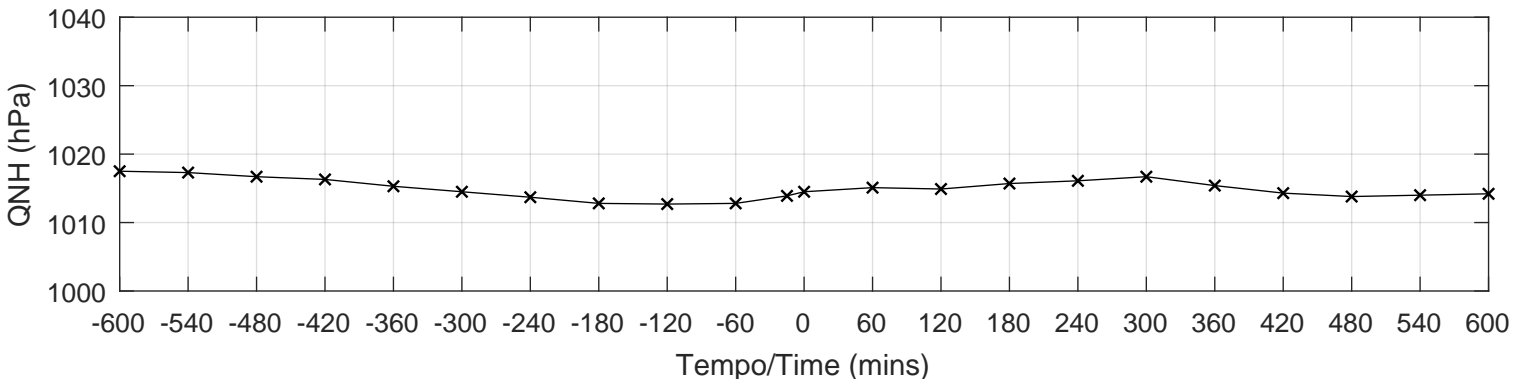
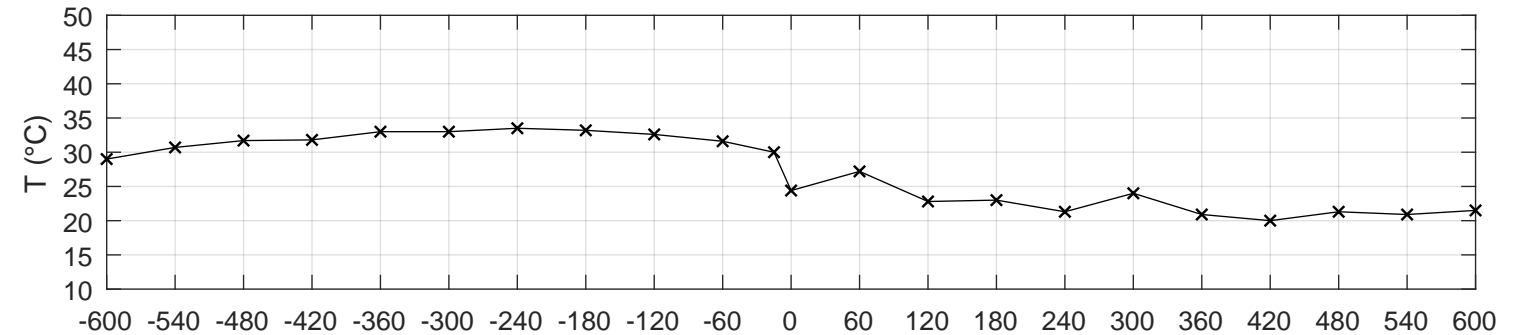
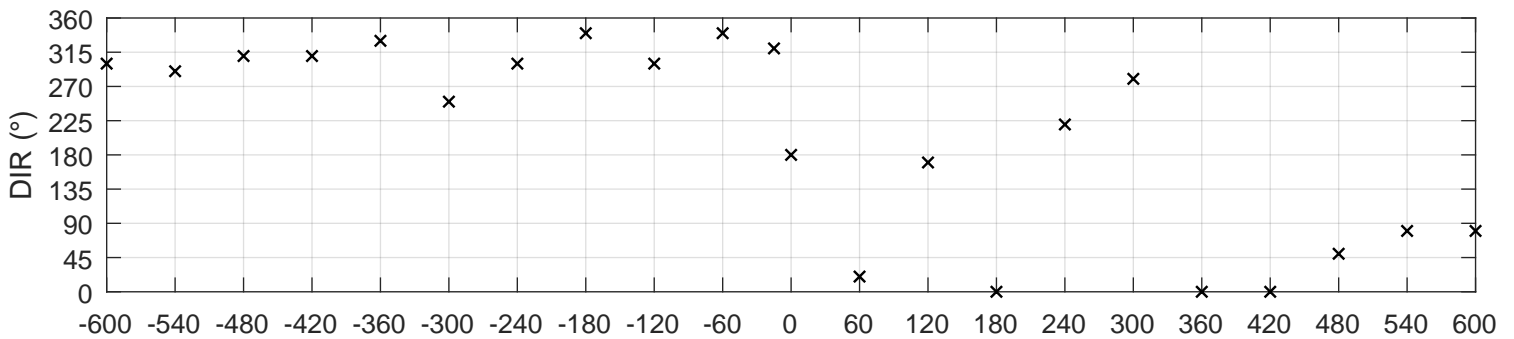
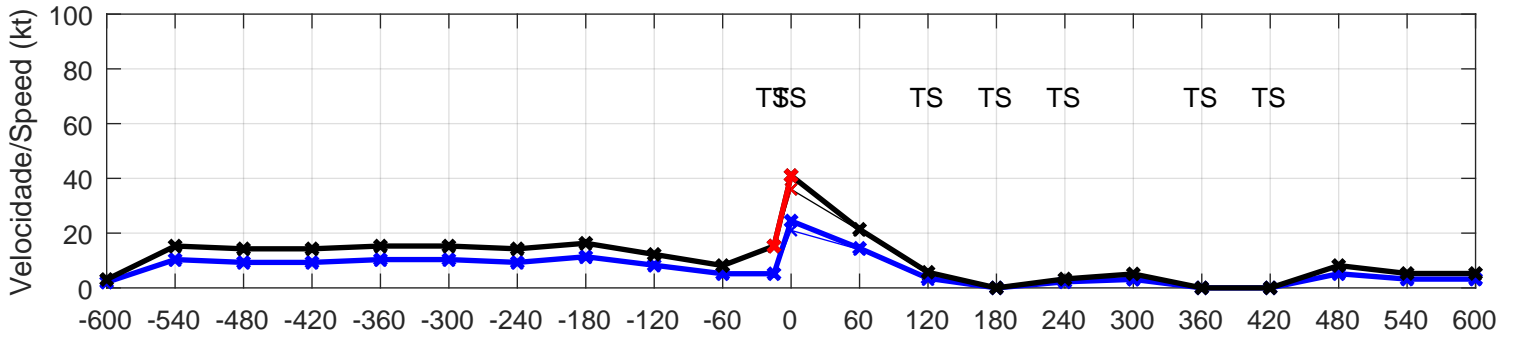
Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 36 \text{ kt}$	$R_{-6} = 4.5$	$T_{med,3} = 24.1 \text{ }^\circ\text{C}$	$DIR = 180^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 21 \text{ kt}$	$R_{-3} = 4.0$	$\Delta T_{min,3} = -8.2 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 150^\circ$		NON-SYNOPTIC
$g_V = 1.7$	$R_{+3} = 8.6$	$\Delta Q_{max,3} = 1.5 \text{ hPa}$	$\Delta DIR_{max,+3} = 150^\circ$		(110)
$G_{cor} = 41.0 \text{ kt}$	$R_{+6} = 6.7$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 24.4 \text{ kt}$					





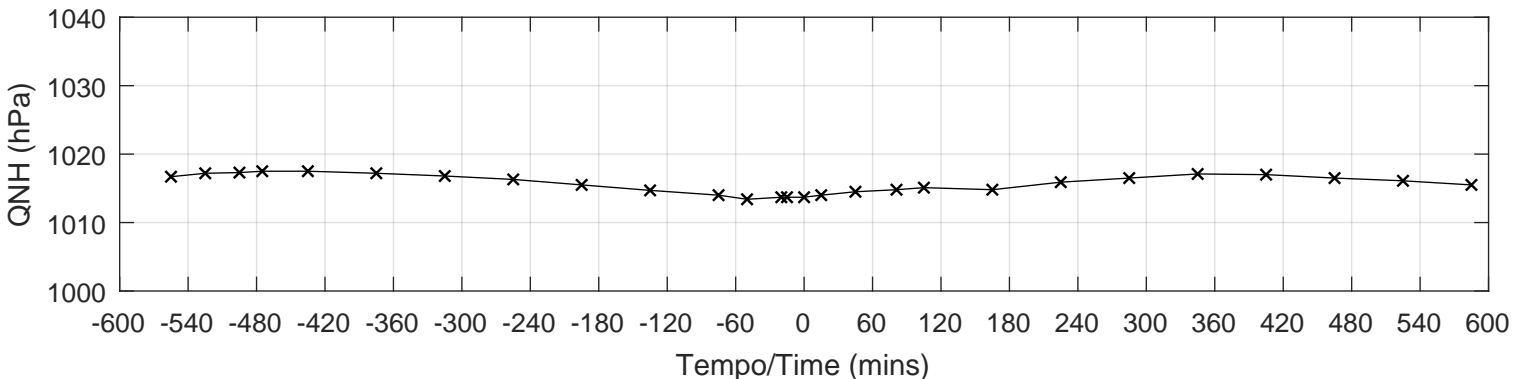
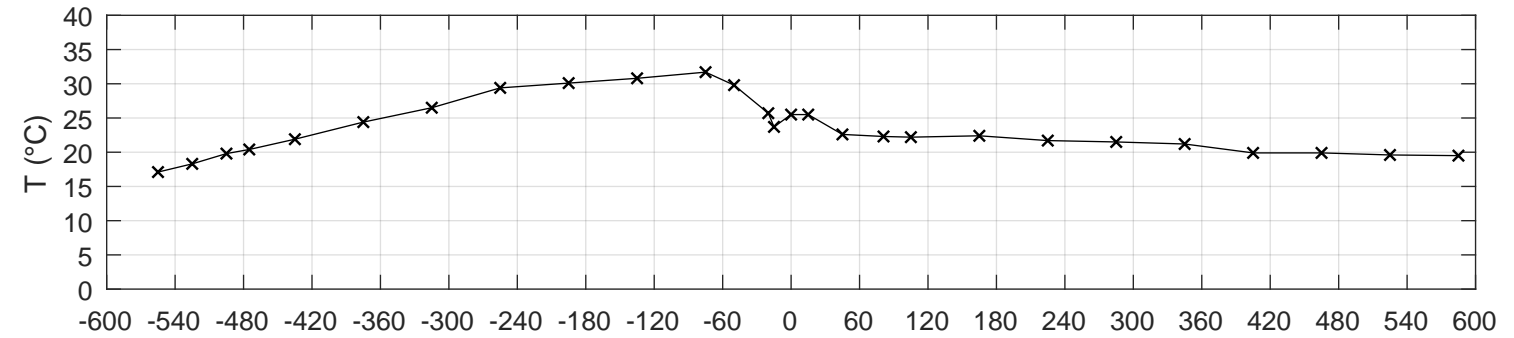
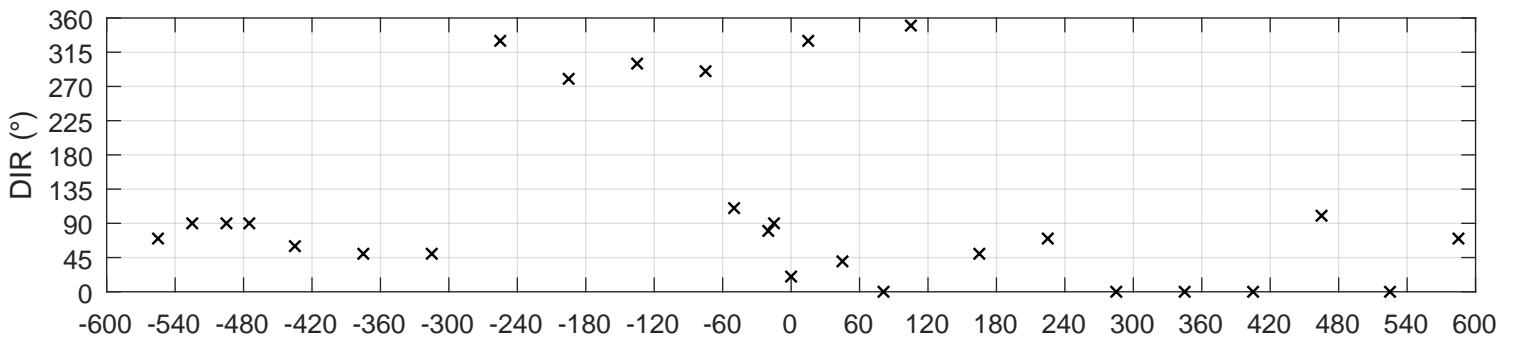
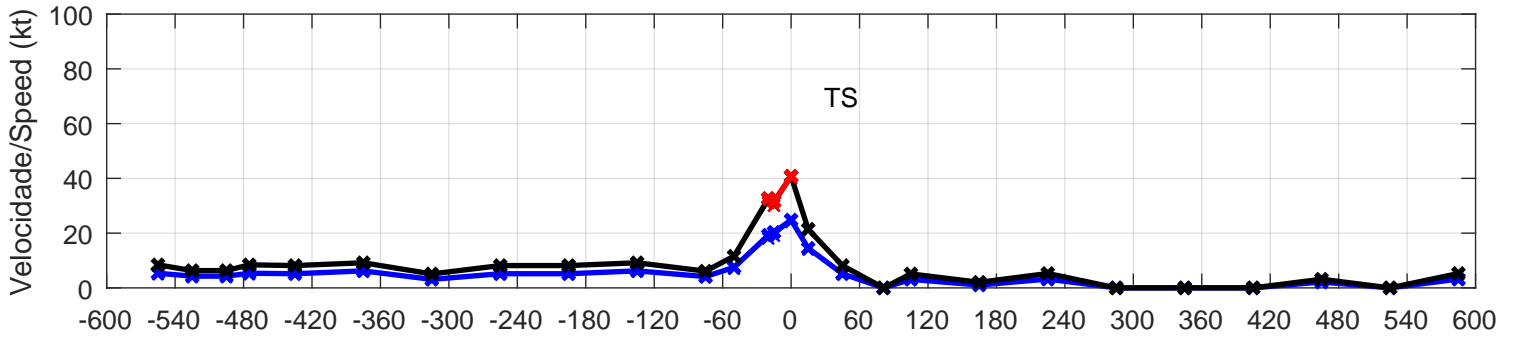
**SBGR-2/83778 EVENTO/EVENT 17 - 28/12/2014, 19:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 36 \text{ kt}$	$R_{-6} = 2.6$	$T_{med,3} = 32.5 \text{ }^\circ\text{C}$	$DIR = 180^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 21 \text{ kt}$	$R_{-3} = 2.9$	$\Delta T_{min,3} = -8.2 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 160^\circ$		NON-SYNOPTIC
$g_V = 1.7$	$R_{+3} = 4.2$	$\Delta Q_{max,3} = 2.4 \text{ hPa}$	$\Delta DIR_{max,+3} = 160^\circ$		(110)
$G_{cor} = 41.0 \text{ kt}$	$R_{+6} = 6.4$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 24.4 \text{ kt}$					



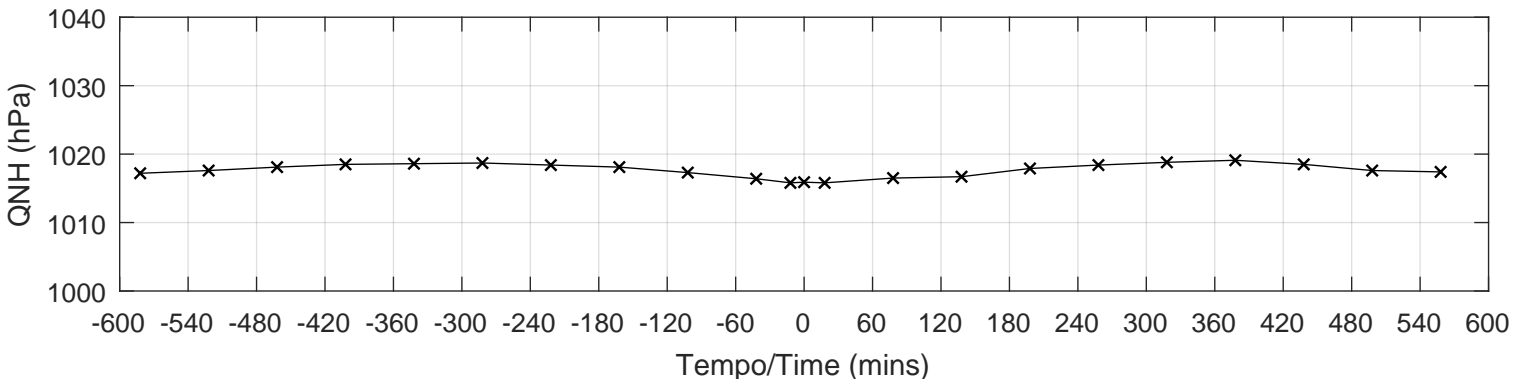
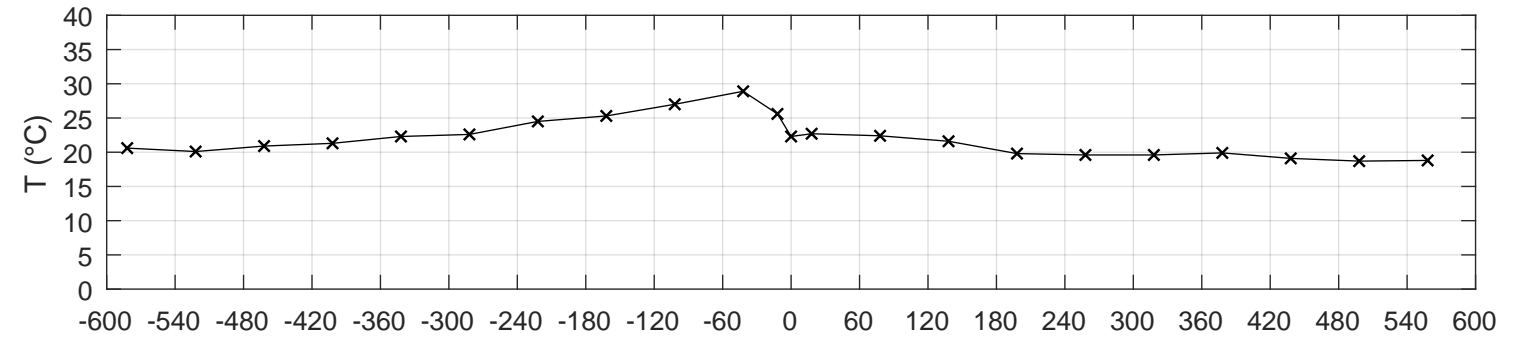
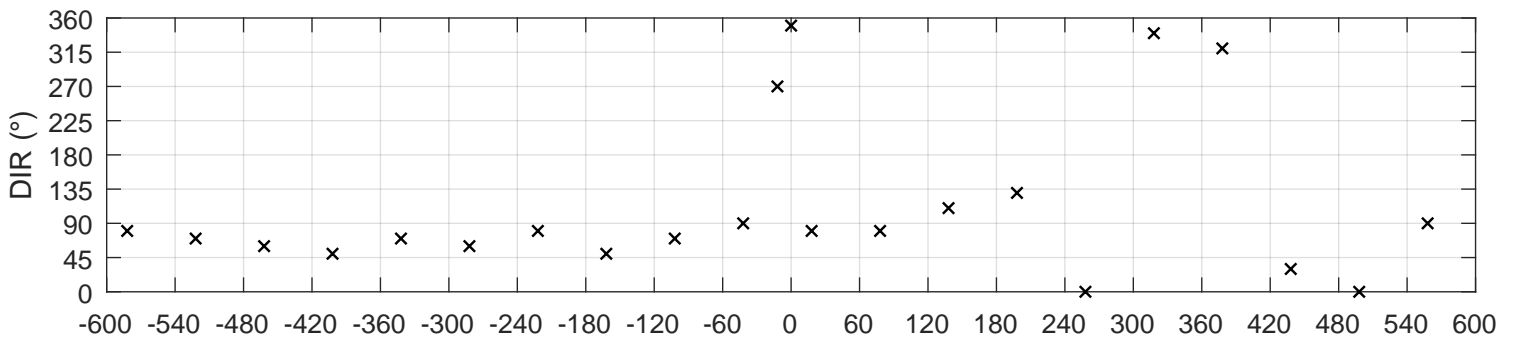
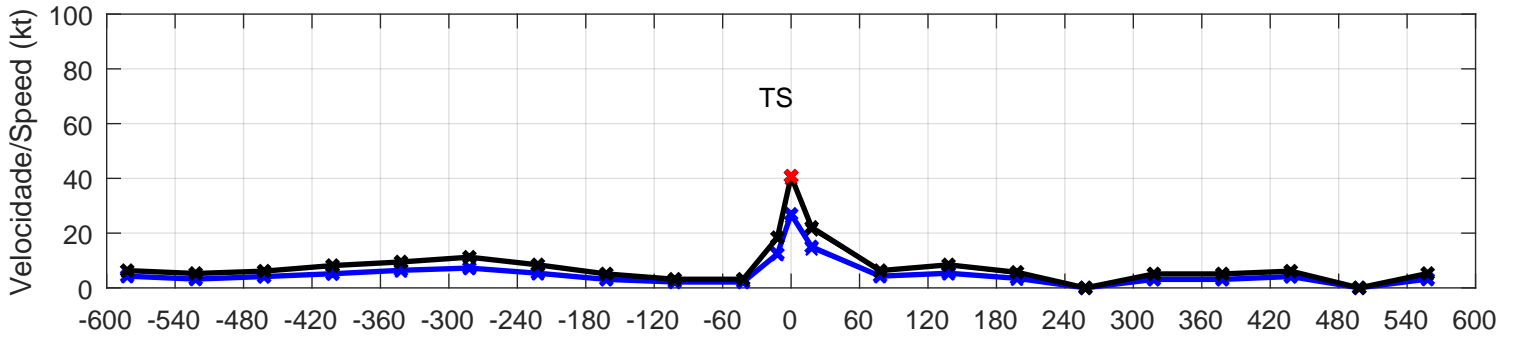
**SBGR-2/83778 EVENTO/EVENT 18 - 03/02/2006, 16:15 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 40 \text{ kt}$	$R_{-6} = 4.4$	$T_{med,3} = 31.1 \text{ }^\circ\text{C}$	$DIR = 20^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 24 \text{ kt}$	$R_{-3} = 3.3$	$\Delta T_{min,3} = -9.1 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 90^\circ$		NON-SYNOPTIC
$g_V = 1.7$	$R_{+3} = 6.3$	$\Delta Q_{max,3} = 1.1 \text{ hPa}$	$\Delta DIR_{max,+3} = 50^\circ$		(110)
$G_{cor} = 40.8 \text{ kt}$	$R_{+6} = 9.5$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 24.8 \text{ kt}$					



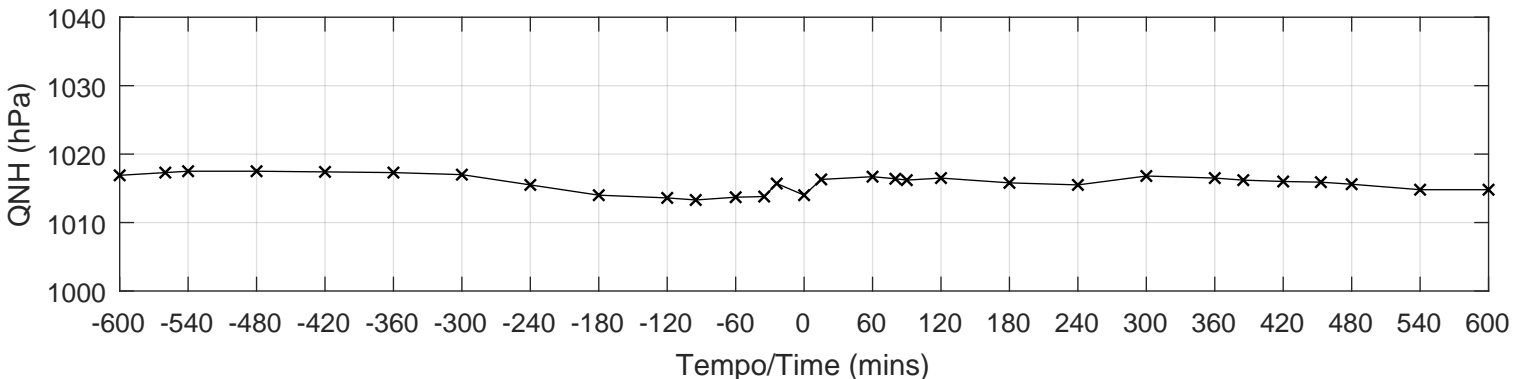
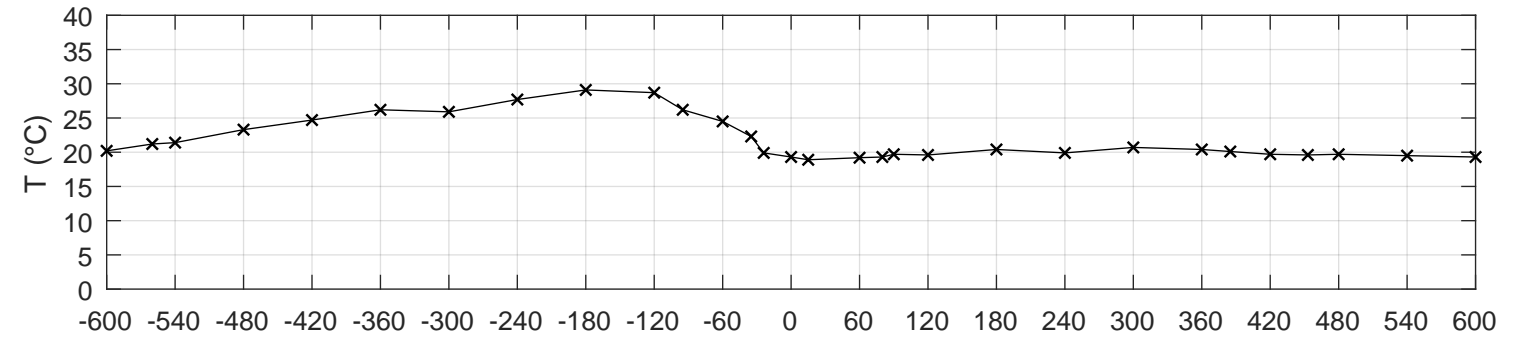
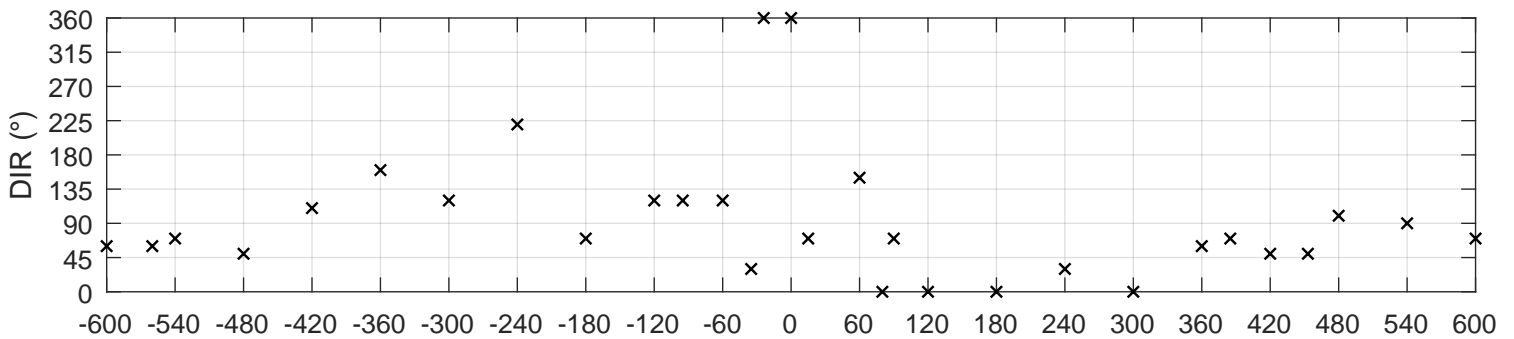
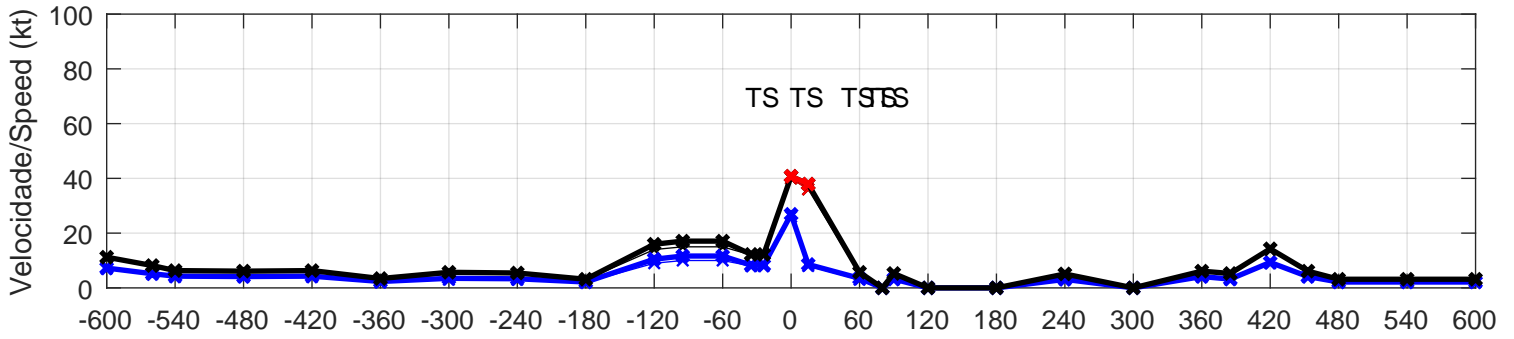
**SBGR-2/83778 EVENTO/EVENT 19 - 14/03/2007, 14:42 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 40 \text{ kt}$	$R_{-6} = 5.5$	$T_{med,3} = 26.1 \text{ }^\circ\text{C}$	$DIR = 350^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 26 \text{ kt}$	$R_{-3} = 8.2$	$\Delta T_{min,3} = -6.6 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 100^\circ$		NON-SYNOPTIC
$g_V = 1.5$	$R_{+3} = 3.4$	$\Delta Q_{max,3} = 0.1 \text{ hPa}$	$\Delta DIR_{max,+3} = 120^\circ$		(110)
$G_{cor} = 40.8 \text{ kt}$	$R_{+6} = 5.3$	$\Delta$ Grupo/Group = 2			
$V_{cor} = 26.9 \text{ kt}$					



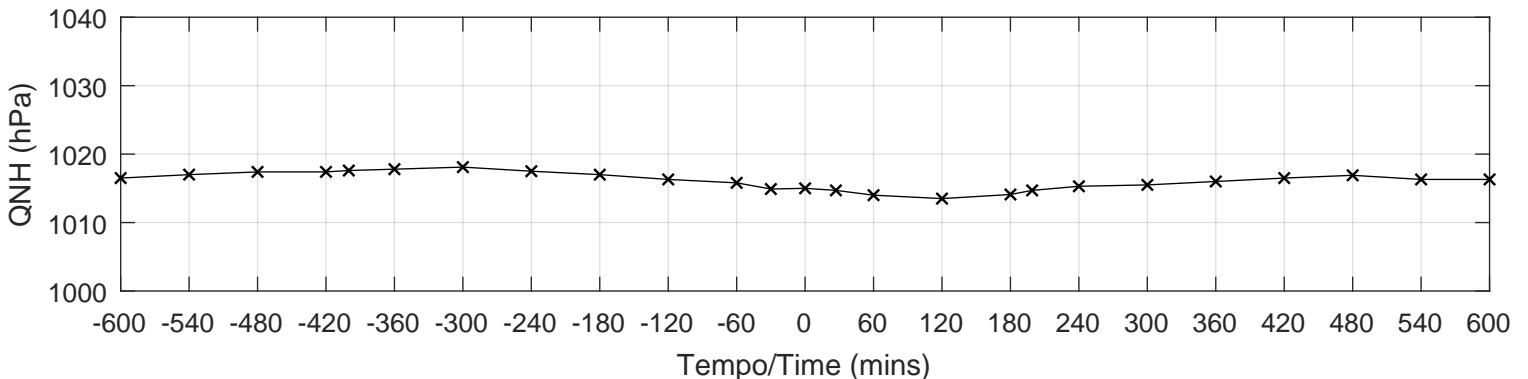
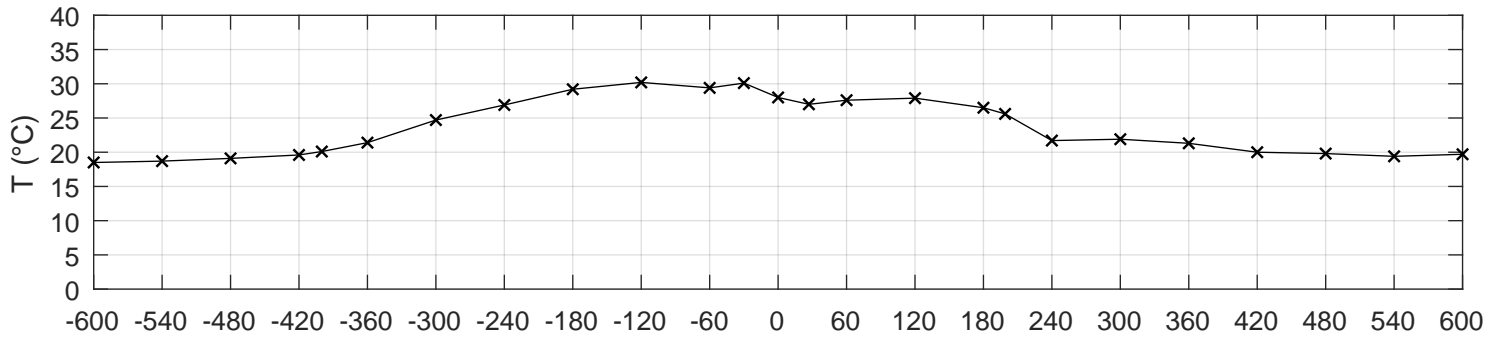
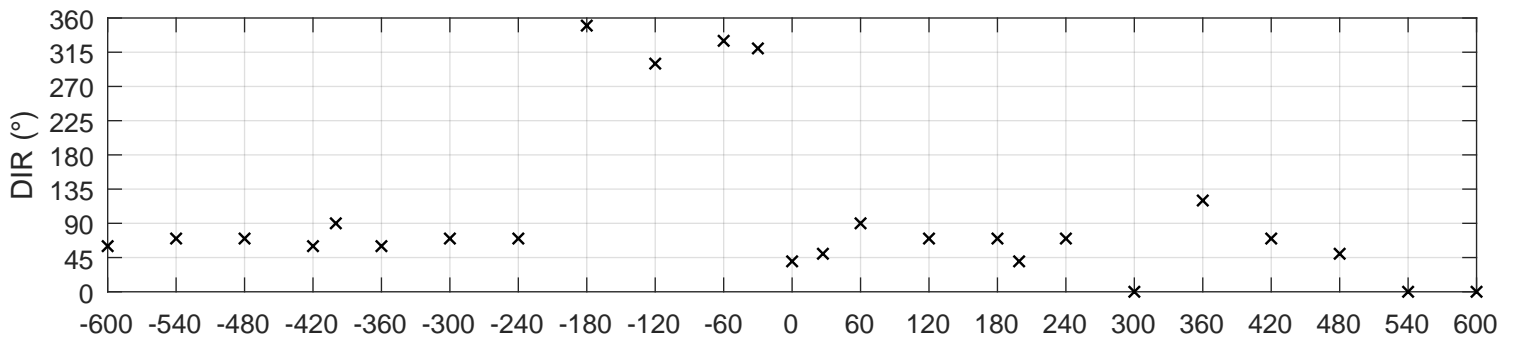
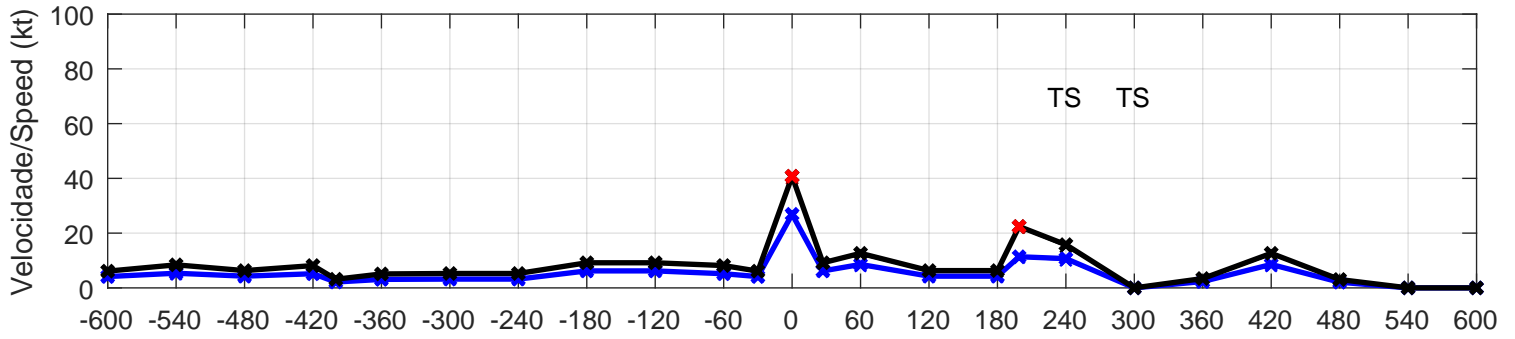
**SBGR-2/83778 EVENTO/EVENT 20 - 31/12/2008, 17:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press. $\Delta$ Direction	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 40 \text{ kt}$	$R_{-6} = 5.5$	$T_{med,3} = 27.5 \text{ }^\circ\text{C}$	$DIR = 360^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 26 \text{ kt}$	$R_{-3} = 3.9$	$\Delta T_{min,3} = -9.8 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 120^\circ$		NON-SYNOPTIC
$g_V = 1.5$	$R_{+3} = 4.8$	$\Delta Q_{max,3} = 3.4 \text{ hPa}$	$\Delta DIR_{max,+3} = 150^\circ$		(110)
$G_{cor} = 40.8 \text{ kt}$	$R_{+6} = 6.4$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 26.9 \text{ kt}$					



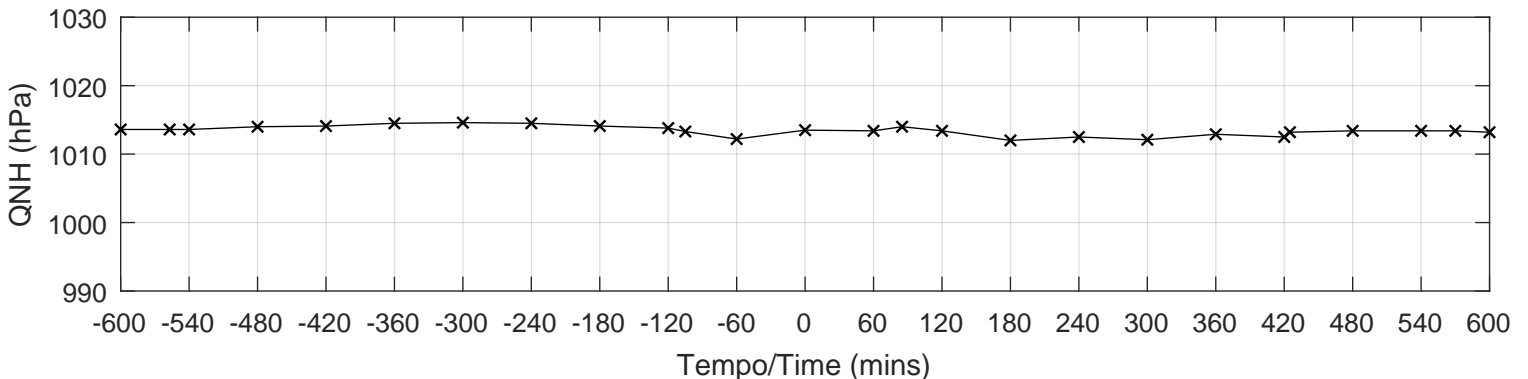
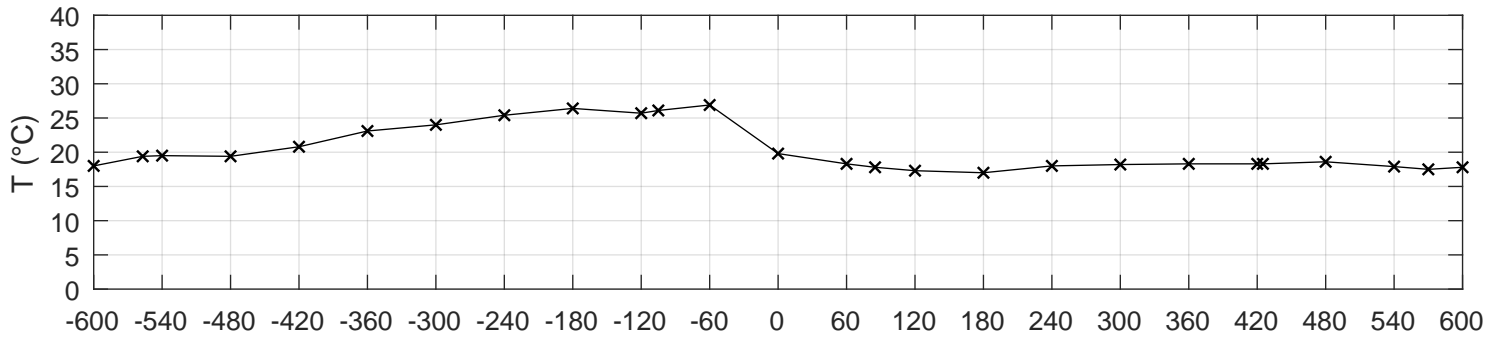
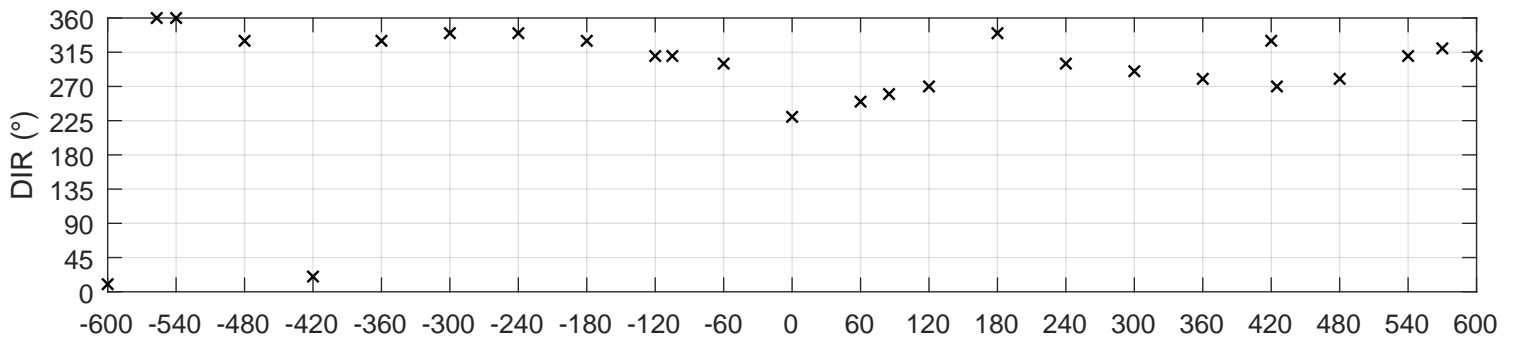
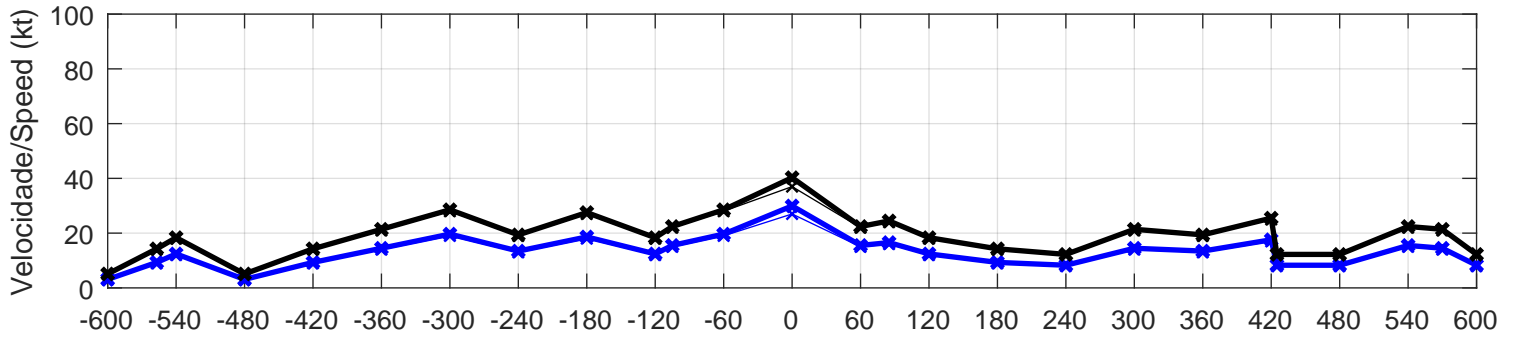
**SBGR-2/83778 EVENTO/EVENT 21 - 11/02/2013, 15:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 40 \text{ kt}$	$R_{-6} = 6.0$	$T_{med,3} = 29.6 \text{ }^\circ\text{C}$	$DIR = 40^\circ$	NÃO/NO	NÃO-SINÓTICO
$V_{obs} = 26 \text{ kt}$	$R_{-3} = 4.8$	$\Delta T_{min,3} = -3.2 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 100^\circ$		NON-SYNOPTIC
$g_V = 1.5$	$R_{+3} = 4.6$	$\Delta Q_{max,3} = 0.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 50^\circ$		(117)
$G_{cor} = 40.8 \text{ kt}$	$R_{+6} = 4.5$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 26.9 \text{ kt}$					



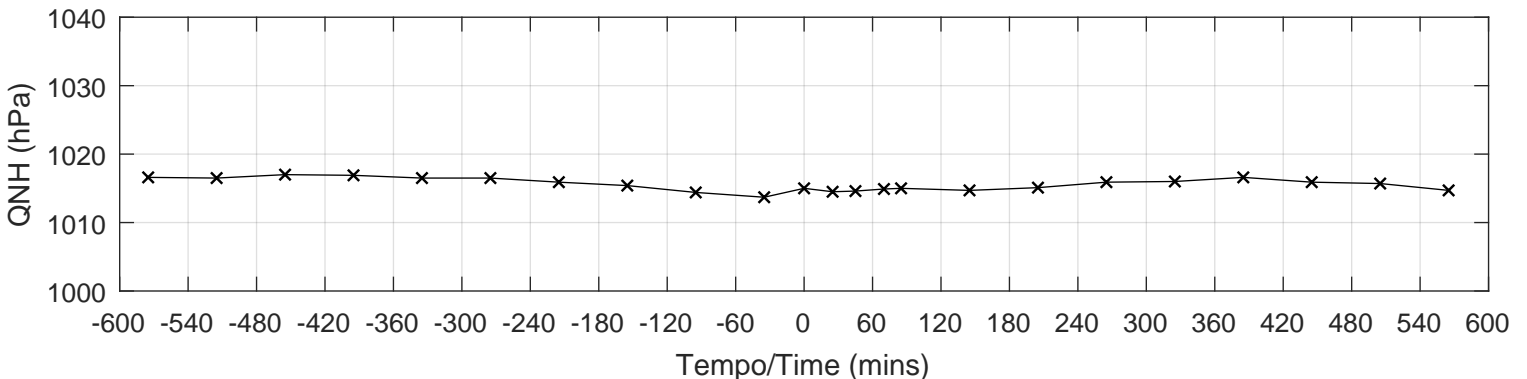
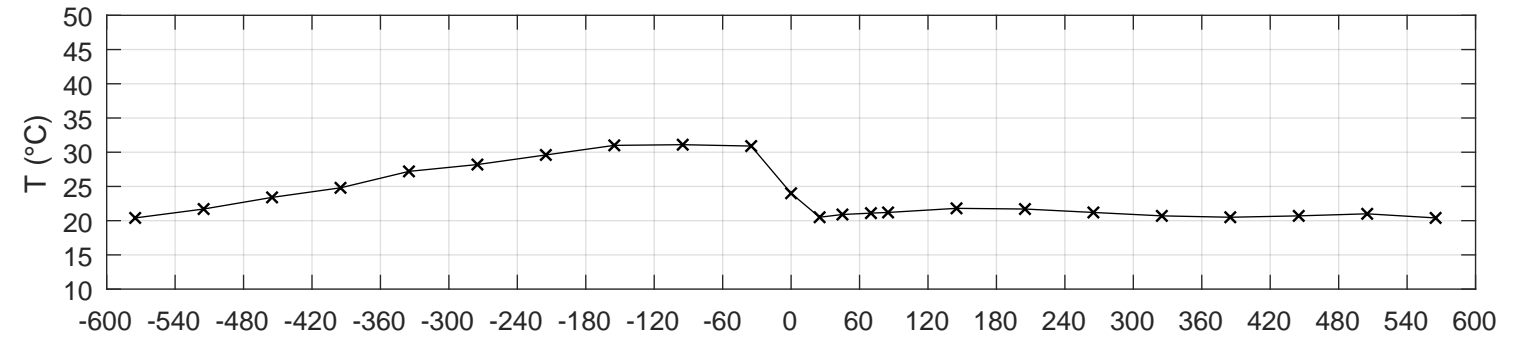
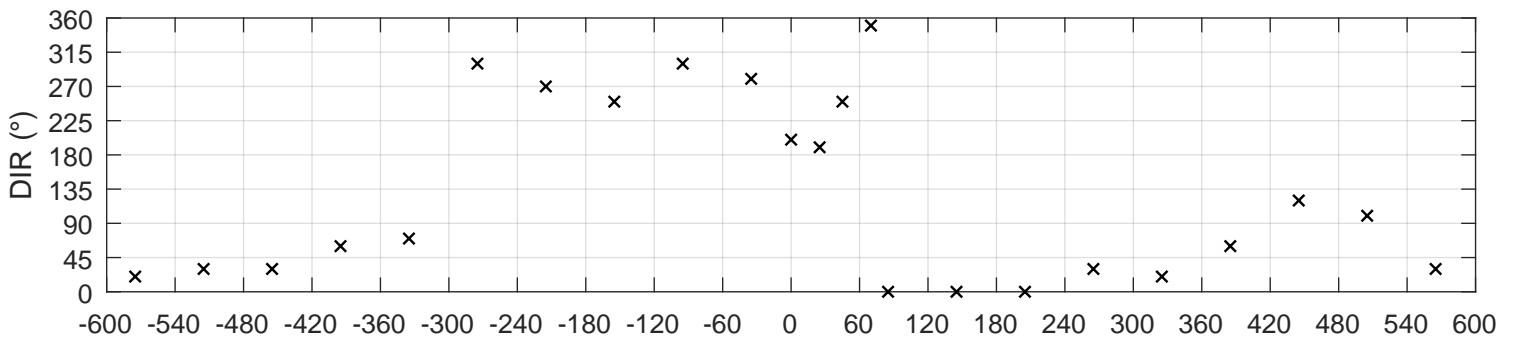
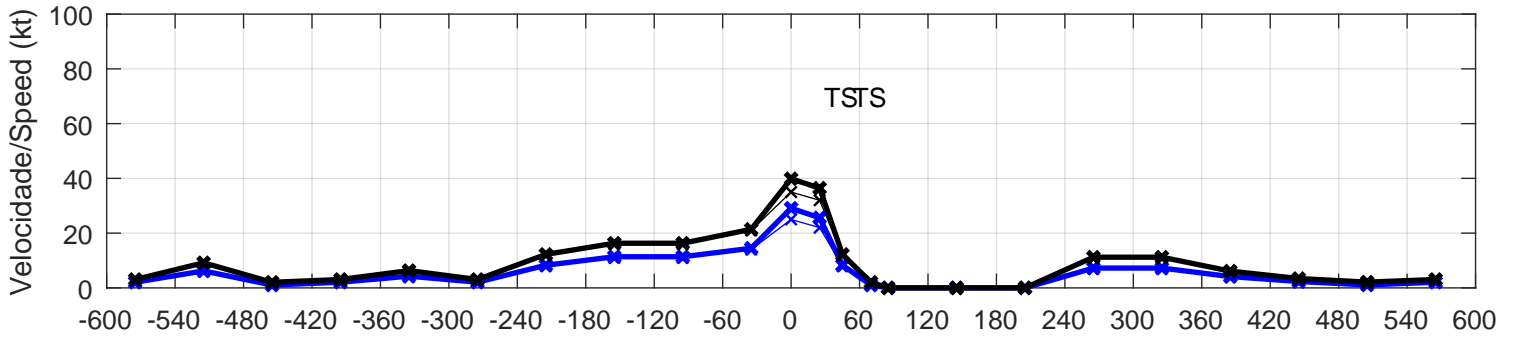
**SBGR-2/83778 EVENTO/EVENT 22 - 23/05/2003, 14:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 37$ kt	$R_{-6} = 1.5$	$T_{med,3} = 26.4$ °C	$DIR = 230^\circ$	NÃO/NO	NÃO-SINÓTICO
$V_{obs} = 27$ kt	$R_{-3} = 1.5$	$\Delta T_{min,3} = -8.6$ °C	$\Delta DIR_{max,-3} = 100^\circ$		NON-SYNOPTIC
$g_V = []$	$R_{+3} = 2.0$	$\Delta Q_{max,3} = 1.3$ hPa	$\Delta DIR_{max,+3} = 110^\circ$		(121)
$G_{cor} = 40.2$ kt	$R_{+6} = 2.1$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 29.9$ kt					



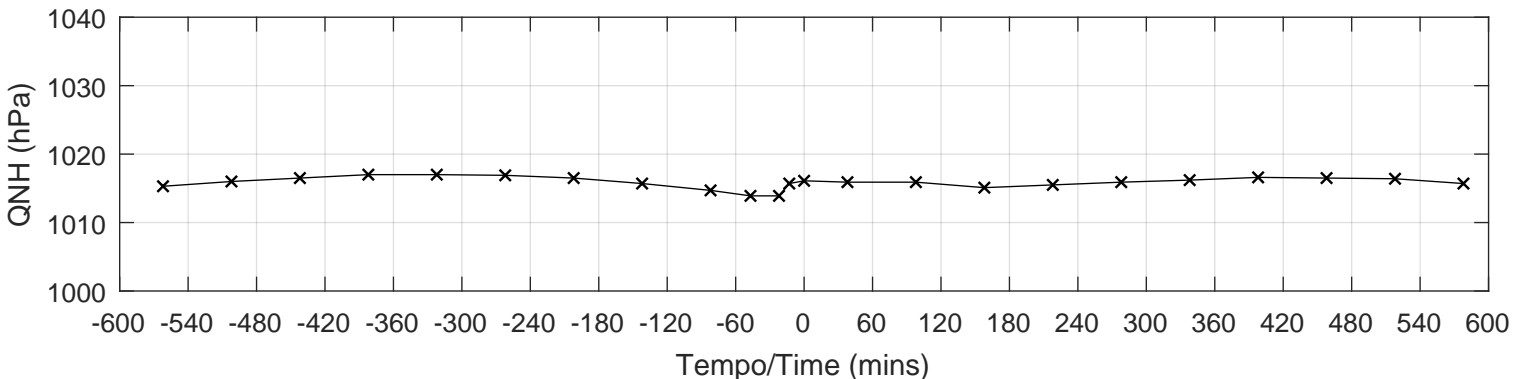
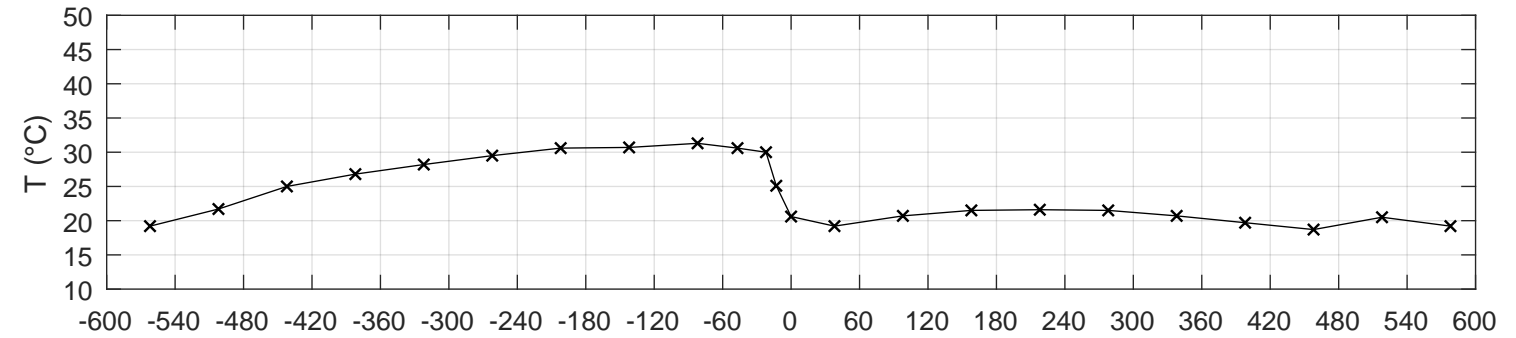
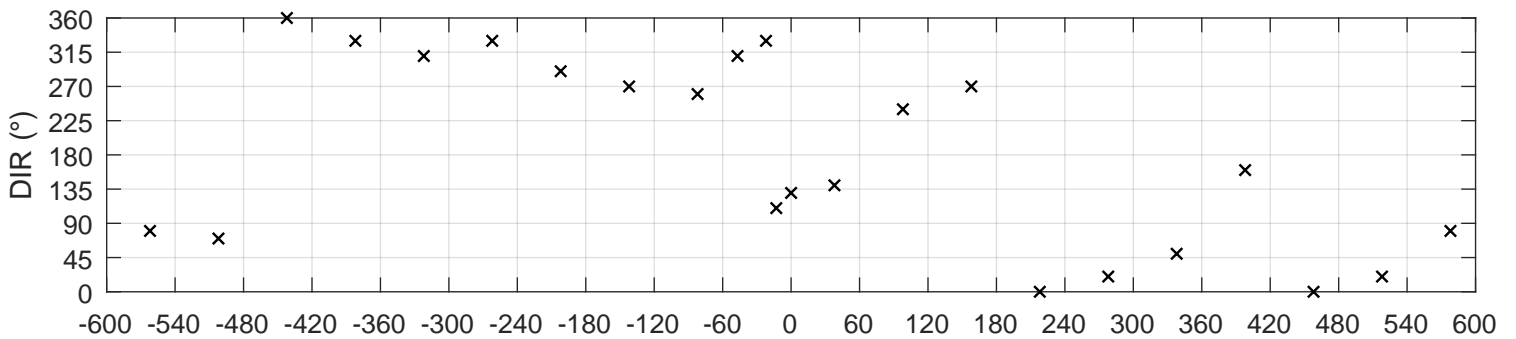
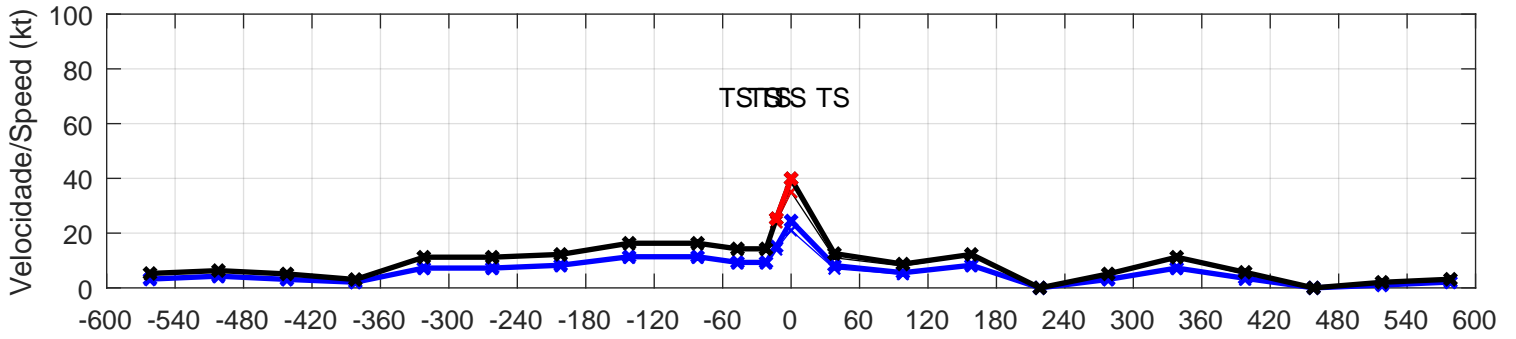
**SBGR-2/83778 EVENTO/EVENT 23 - 05/12/2002, 15:35 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 35$ kt	$R_{-6} = 3.0$	$T_{med,3} = 31.1$ °C	$DIR = 200^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 25$ kt	$R_{-3} = 2.0$	$\Delta T_{min,3} = -10.6$ °C	$\Delta DIR_{max,-3} = 100^\circ$		NON-SYNOPTIC
$g_V = []$	$R_{+3} = 6.5$	$\Delta Q_{max,3} = 1.3$ hPa	$\Delta DIR_{max,+3} = 150^\circ$		(120)
$G_{cor} = 39.9$ kt	$R_{+6} = 5.5$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 29.1$ kt					



**SBGR-2/83778 EVENTO/EVENT 24 - 24/01/2014, 15:22 LOCAL (PAS31/2017)**

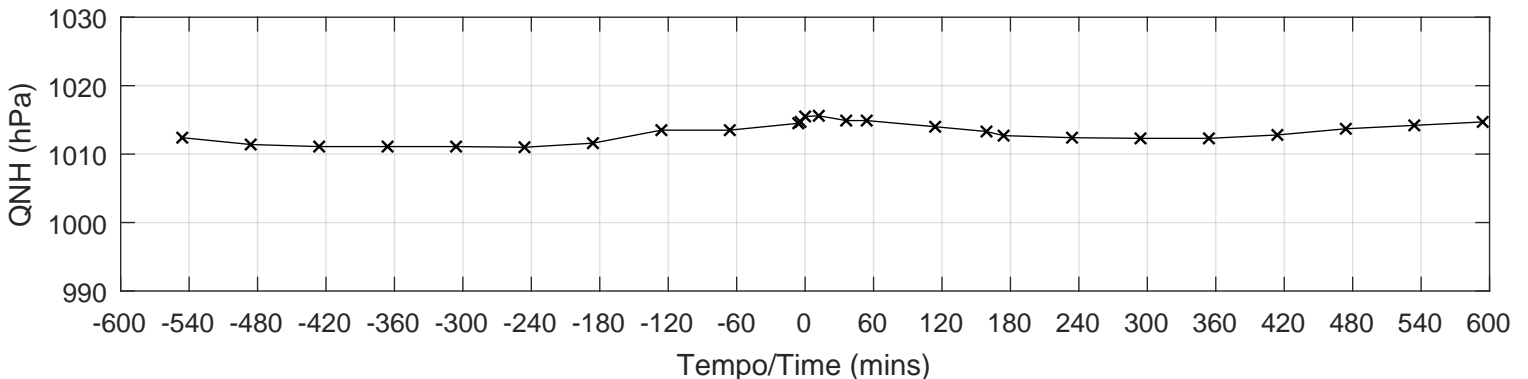
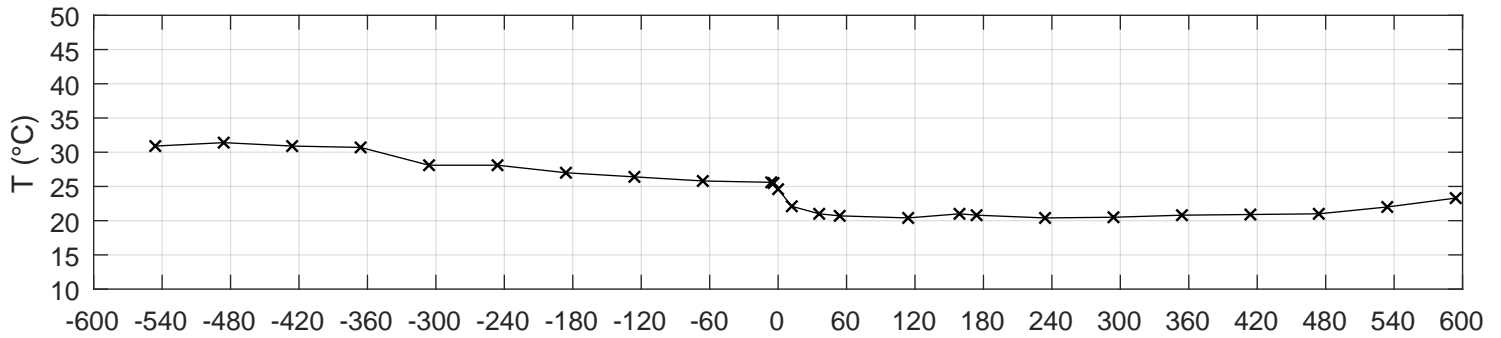
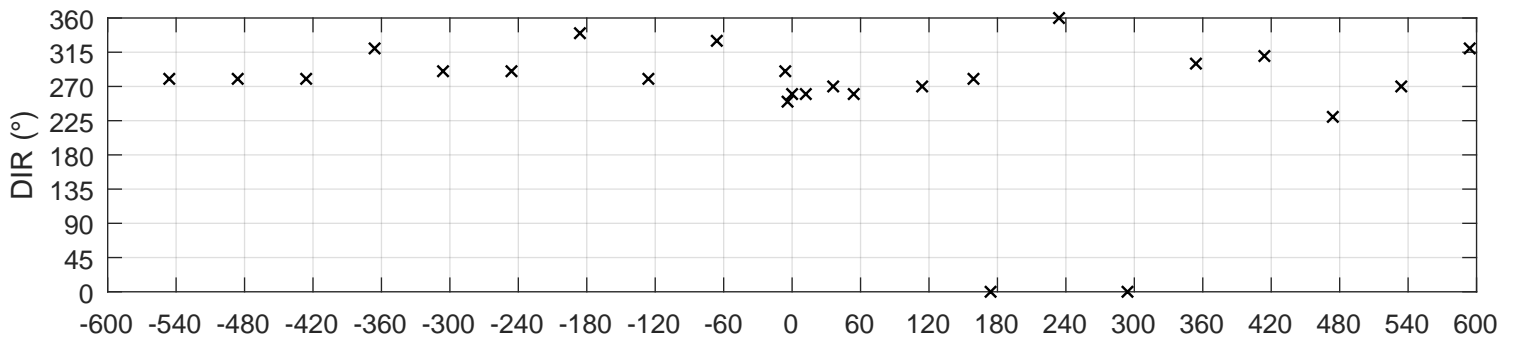
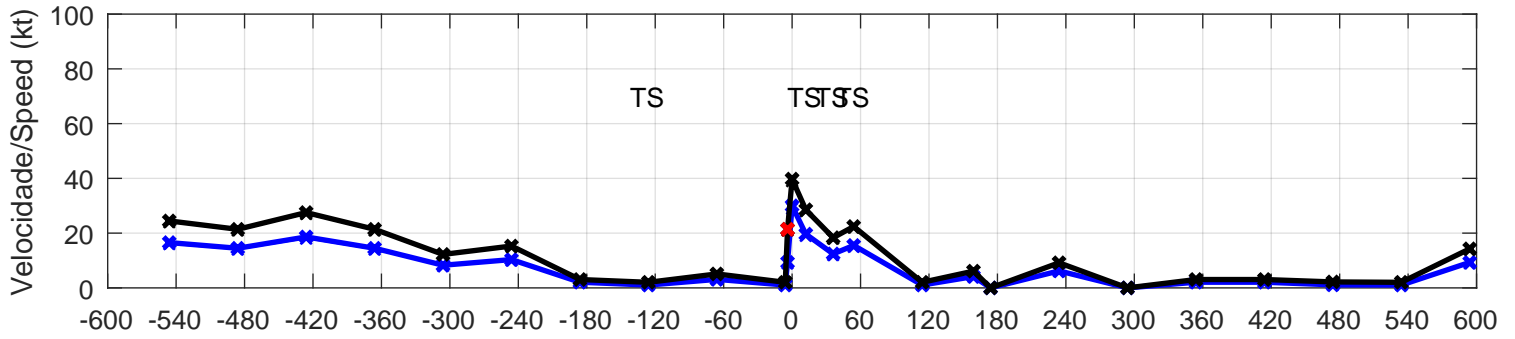
Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press. $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 35 \text{ kt}$	$R_{-6} = 2.6$	$T_{med,3} = 30.9 \text{ }^\circ\text{C}$	DIR = $130^\circ$	SIM/YES
$V_{obs} = 21 \text{ kt}$	$R_{-3} = 2.2$	$\Delta T_{min,3} = -12.1 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 180^\circ$	NÃO-SINÓTICO NON-SYNOPTIC
$g_V = 1.7$	$R_{+3} = 3.4$	$\Delta Q_{max,3} = 2.2 \text{ hPa}$	$\Delta DIR_{max,+3} = 140^\circ$	(110)
$G_{cor} = 39.9 \text{ kt}$	$R_{+6} = 4.5$	$\Delta$ Grupo/Group = 1		
$V_{cor} = 24.4 \text{ kt}$				





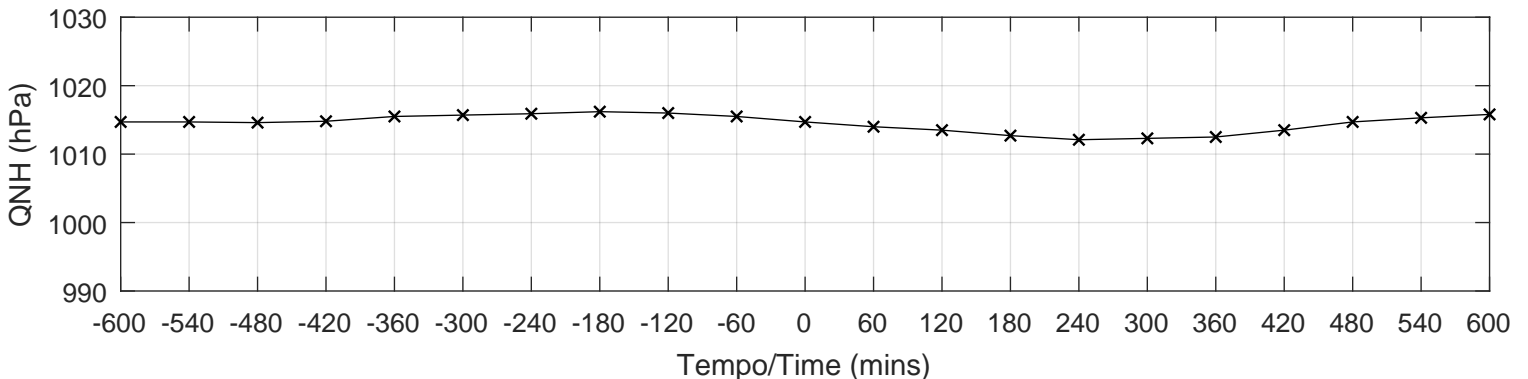
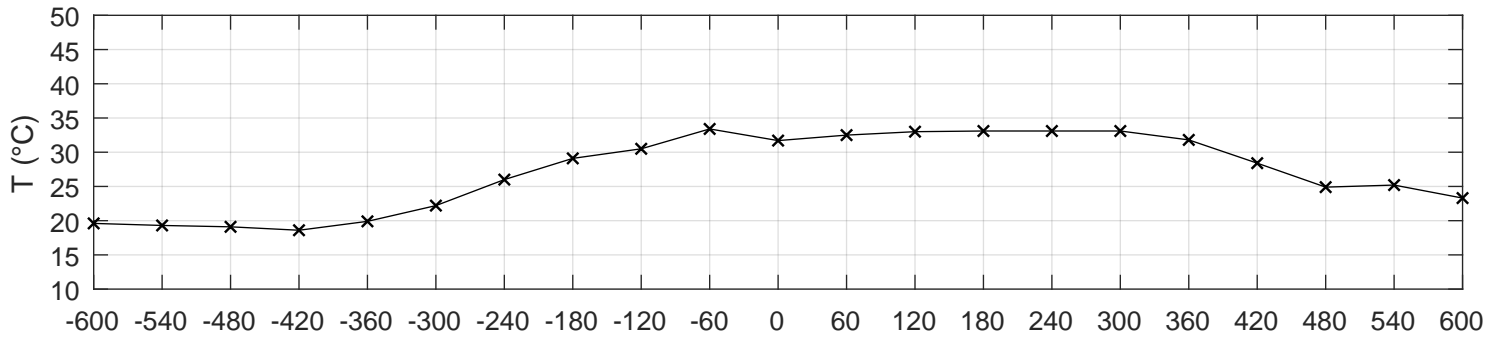
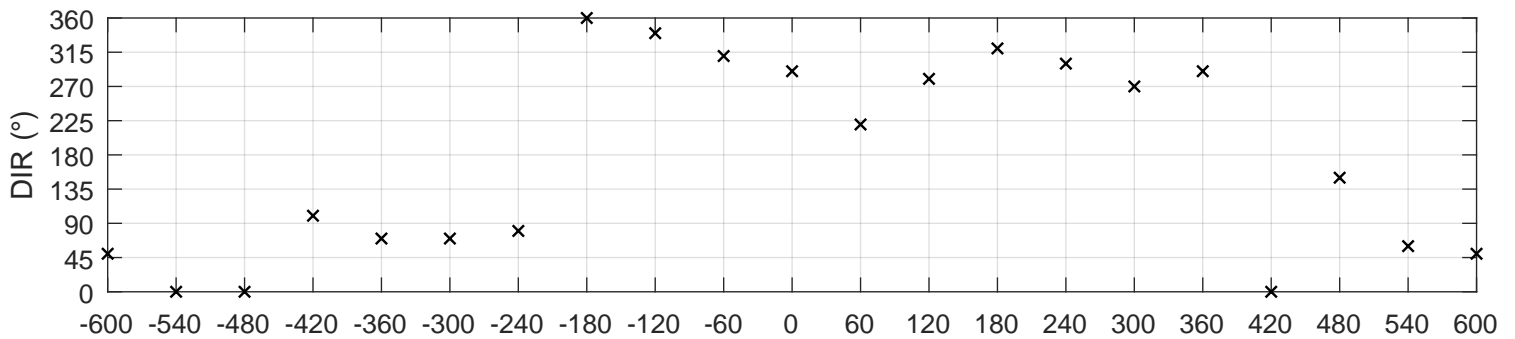
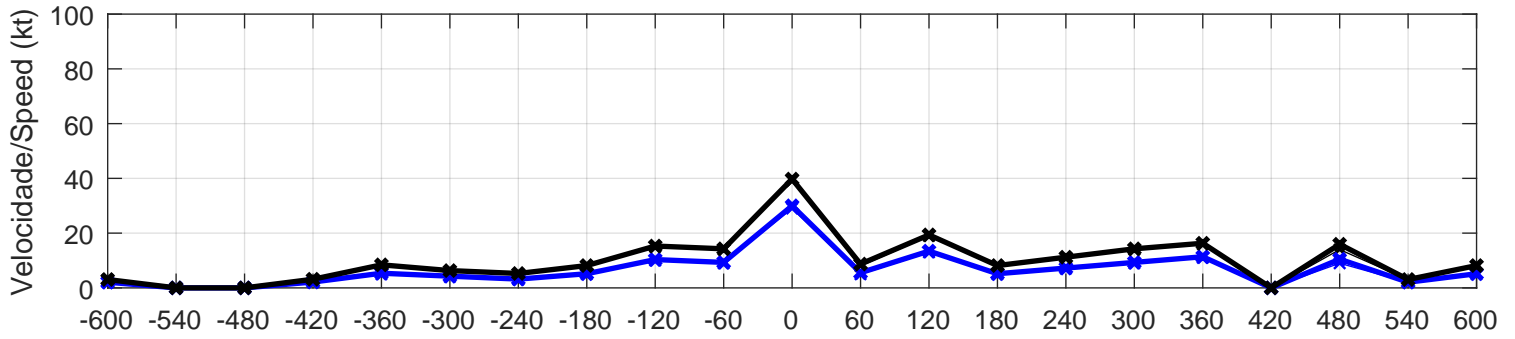
**SBGR-2/83778 EVENTO/EVENT 25 - 24/12/2002, 22:06 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 39$ kt	$R_{-6} = 5.2$	$T_{med,3} = 26.1$ °C	$DIR = 260^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 29$ kt	$R_{-3} = 9.7$	$\Delta T_{min,3} = -5.1$ °C	$\Delta DIR_{max,-3} = 70^\circ$		NON-SYNOPTIC
$g_V = []$	$R_{+3} = 3.5$	$\Delta Q_{max,3} = 2.1$ hPa	$\Delta DIR_{max,+3} = 20^\circ$		(120)
$G_{cor} = 39.7$ kt	$R_{+6} = 4.9$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 30.0$ kt					



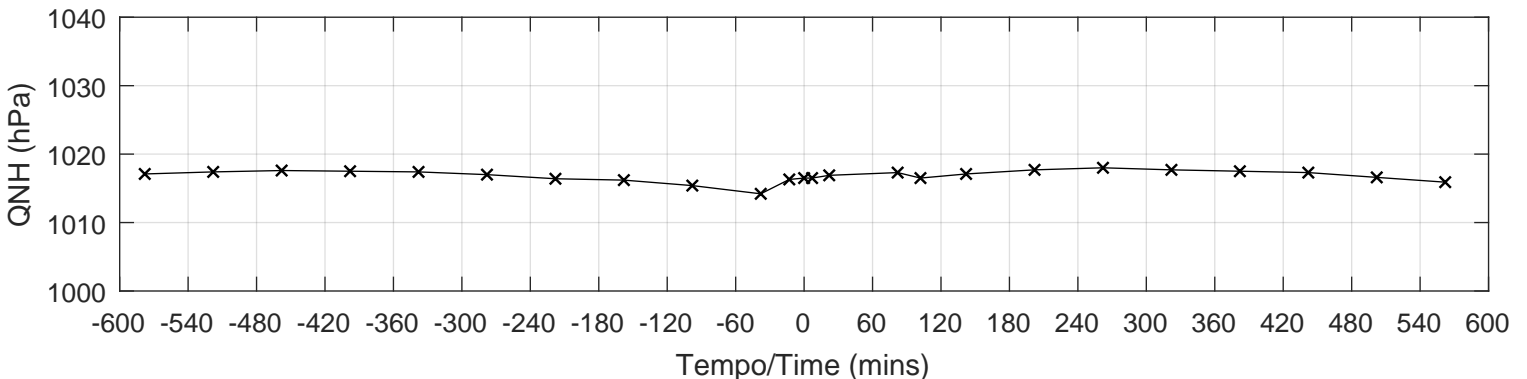
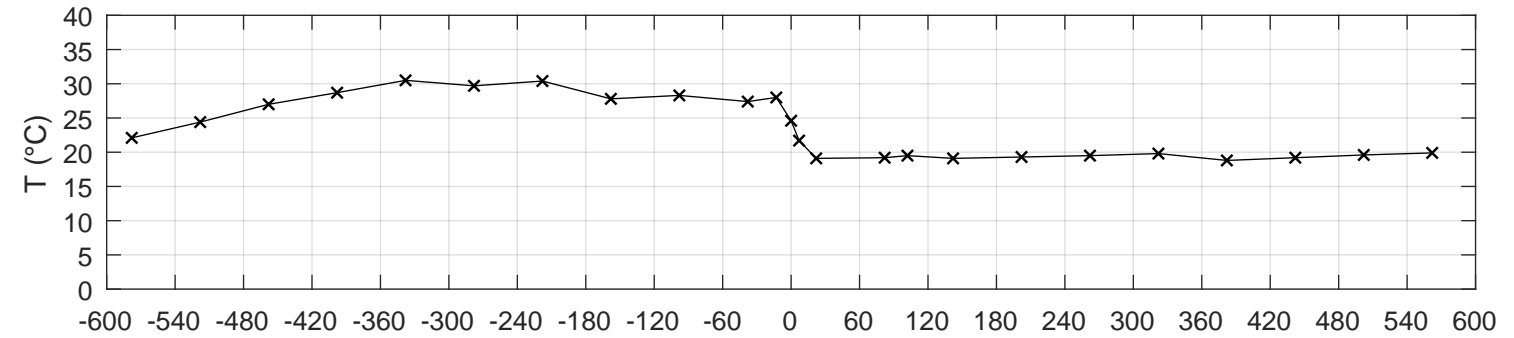
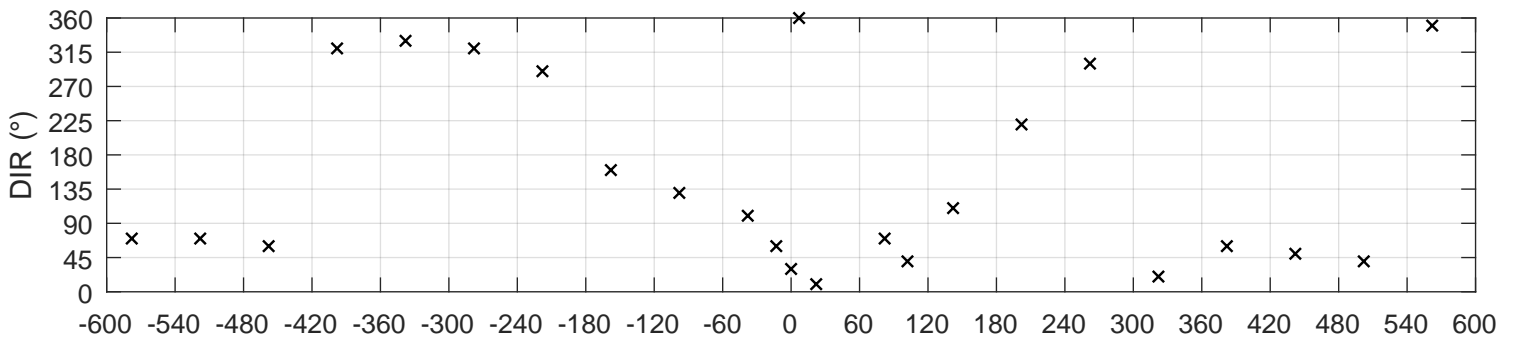
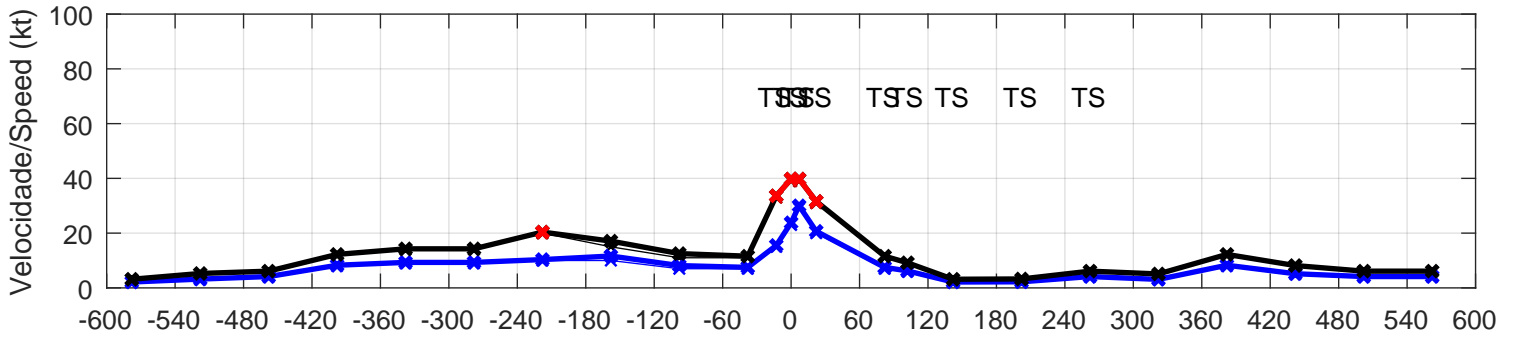
**SBGR-2/83778 EVENTO/EVENT 26 - 30/12/2007, 12:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press. $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 39$ kt	$R_{-6} = 4.2$	$T_{med,3} = 31.0$ °C	NÃO/NO	SUSPEITO
$V_{obs} = 29$ kt	$R_{-3} = 3.2$	$\Delta T_{min,3} = 0.0$ °C		SUSPECT
$g_V = []$	$R_{+3} = 3.3$	$\Delta Q_{max,3} = 0.0$ hPa		(324)
$G_{cor} = 39.7$ kt	$R_{+6} = 3.1$	$\Delta$ Grupo/Group = 3		
$V_{cor} = 30.0$ kt				



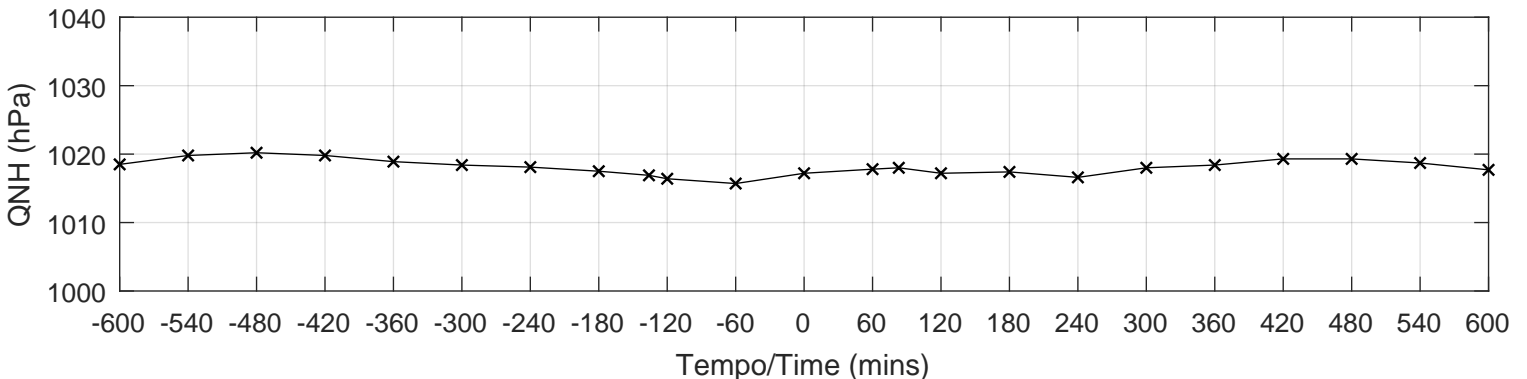
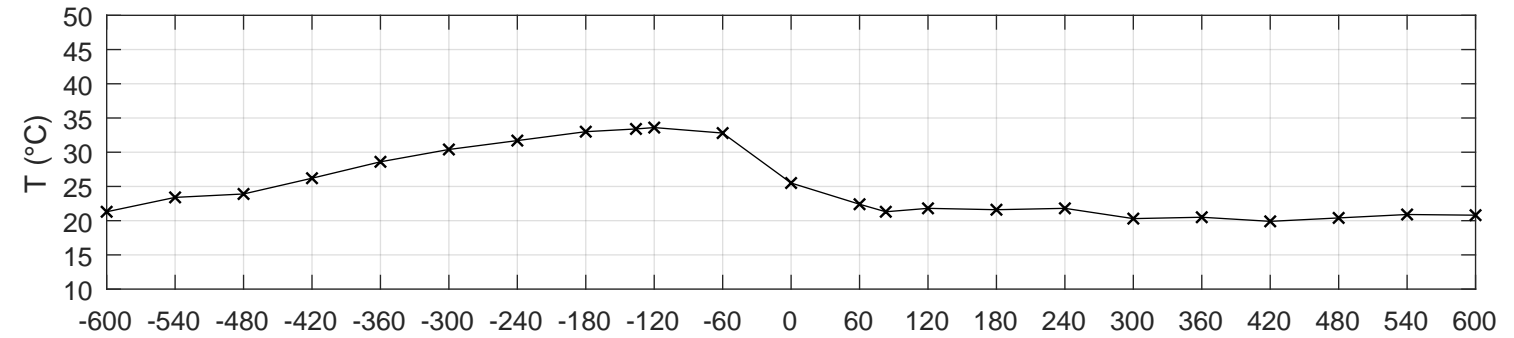
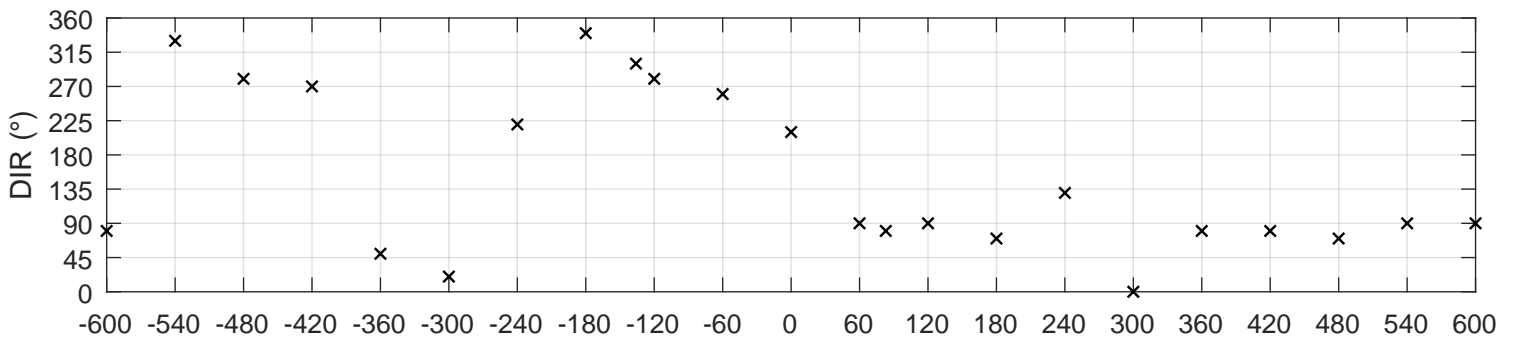
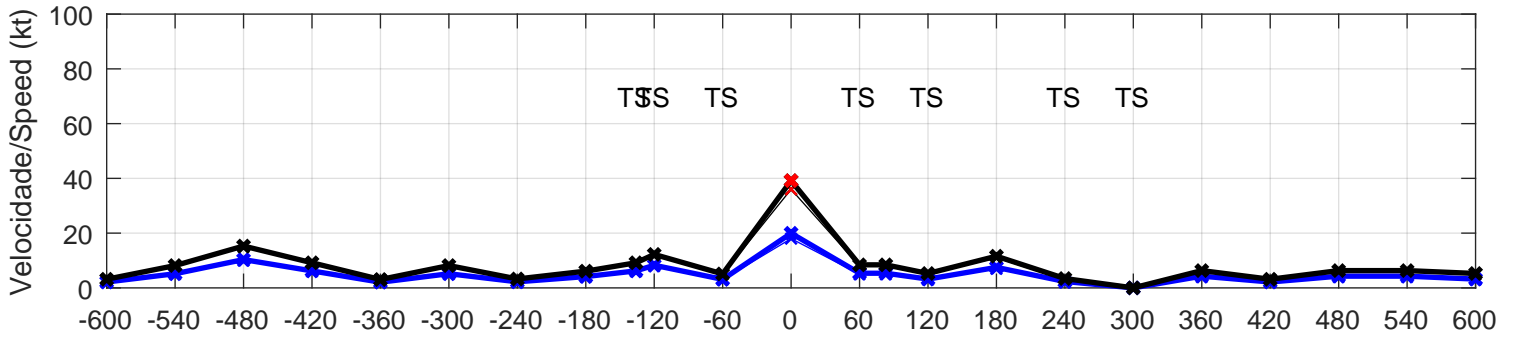
**SBGR-2/83778 EVENTO/EVENT 27 - 24/02/2017, 16:38 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 39 \text{ kt}$	$R_{-6} = 2.6$	$T_{med,3} = 28.1 \text{ }^\circ\text{C}$	$DIR = 30^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 23 \text{ kt}$	$R_{-3} = 2.7$	$\Delta T_{min,3} = -9.2 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 130^\circ$		NON-SYNOPTIC
$g_V = 1.7$	$R_{+3} = 2.4$	$\Delta Q_{max,3} = 2.7 \text{ hPa}$	$\Delta DIR_{max,+3} = 80^\circ$		(110)
$G_{cor} = 39.7 \text{ kt}$	$R_{+6} = 3.6$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 23.8 \text{ kt}$					



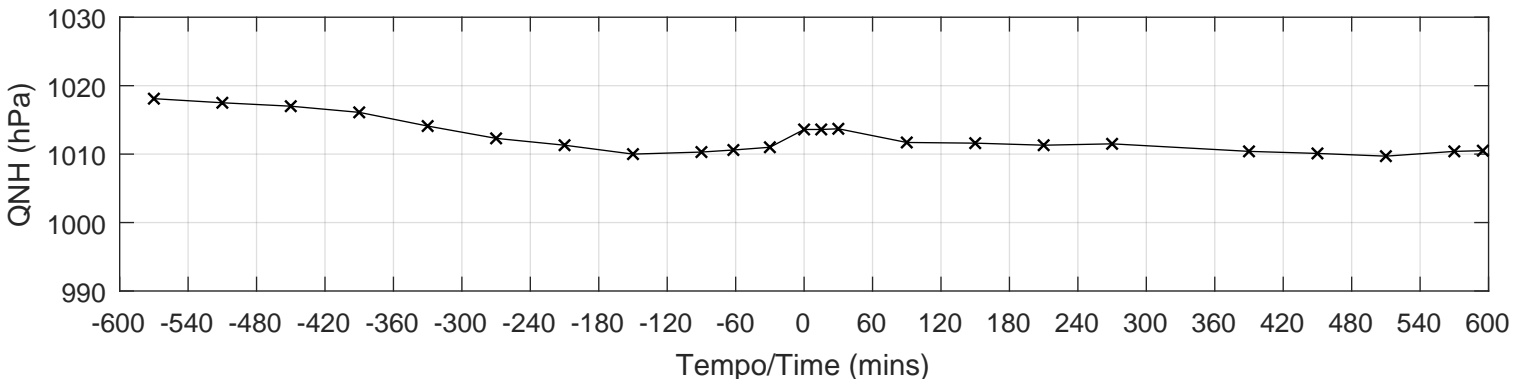
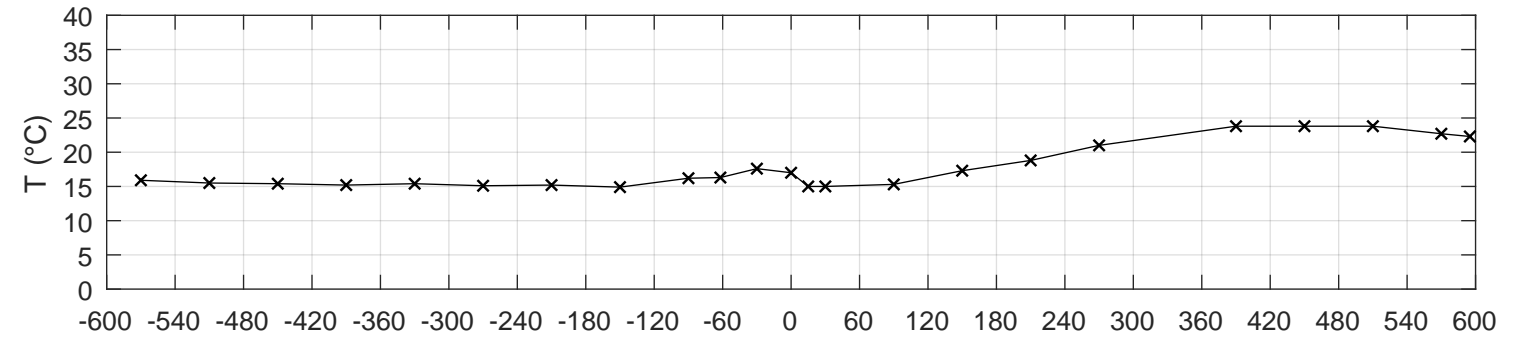
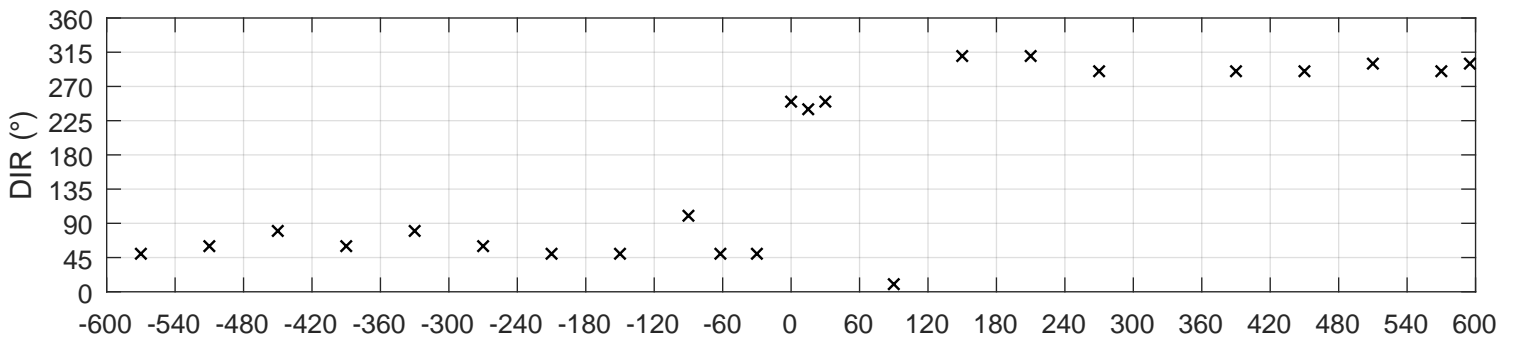
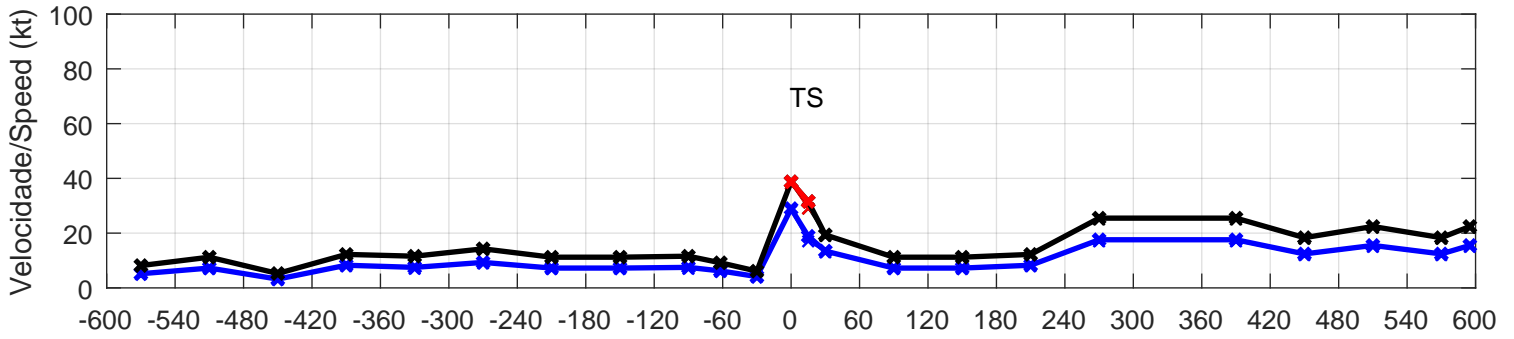
**SBGR-2/83778 EVENTO/EVENT 28 - 12/01/2015, 16:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 36$ kt	$R_{-6} = 5.7$	$T_{med,3} = 33.2$ °C	$DIR = 210^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 18$ kt	$R_{-3} = 4.5$	$\Delta T_{min,3} = -11.2$ °C	$\Delta DIR_{max,-3} = 130^\circ$		NON-SYNOPTIC
$g_V = 2.0$	$R_{+3} = 4.5$	$\Delta Q_{max,3} = 2.1$ hPa	$\Delta DIR_{max,+3} = 140^\circ$		(110)
$G_{cor} = 39.2$ kt	$R_{+6} = 6.5$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 20.0$ kt					



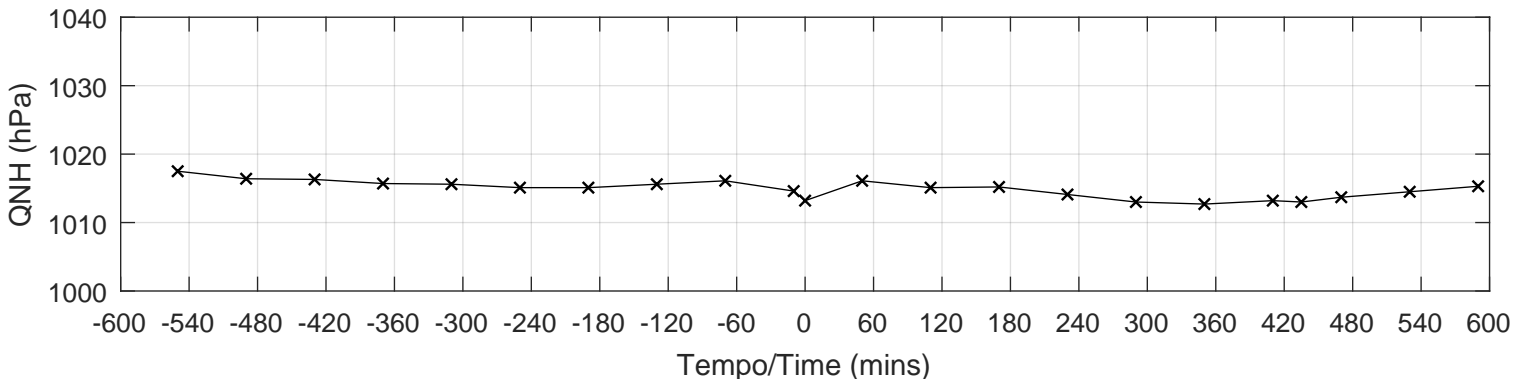
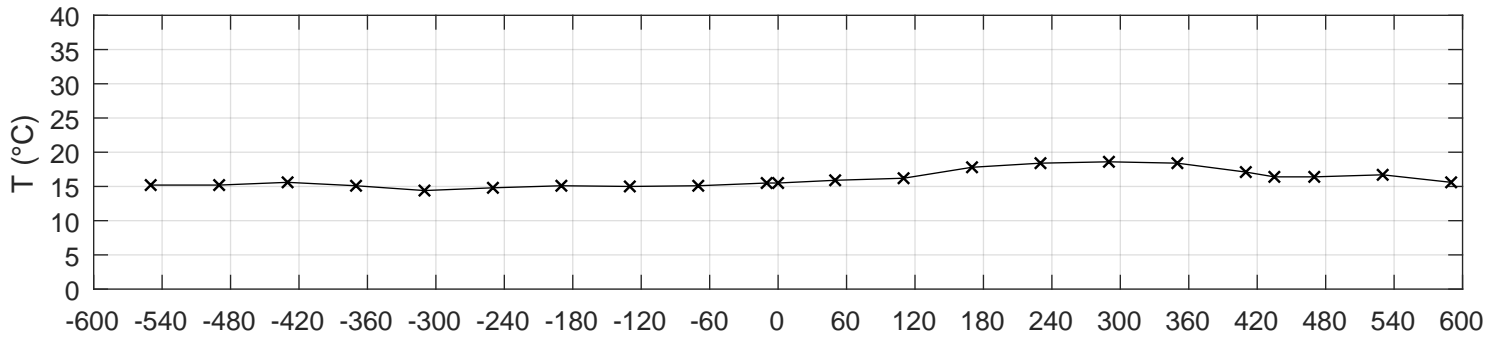
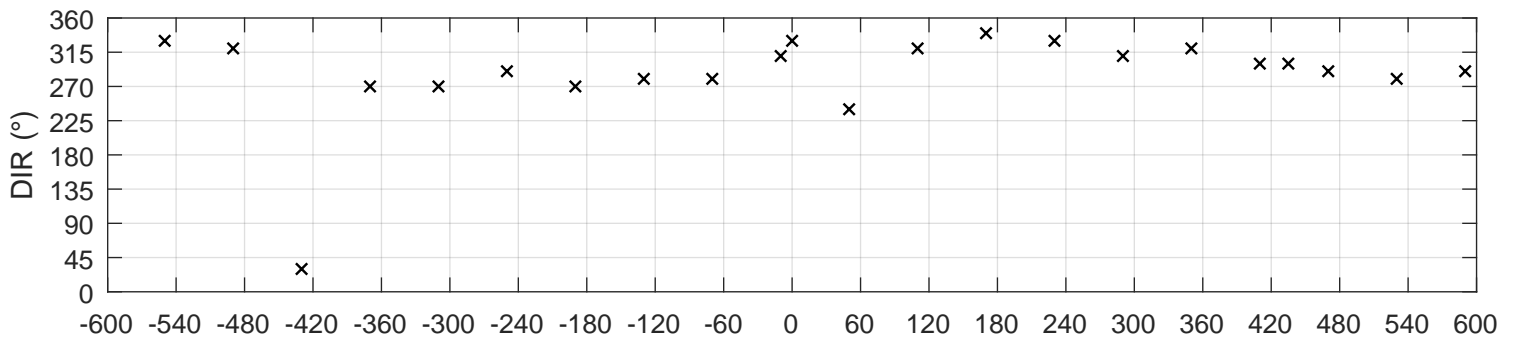
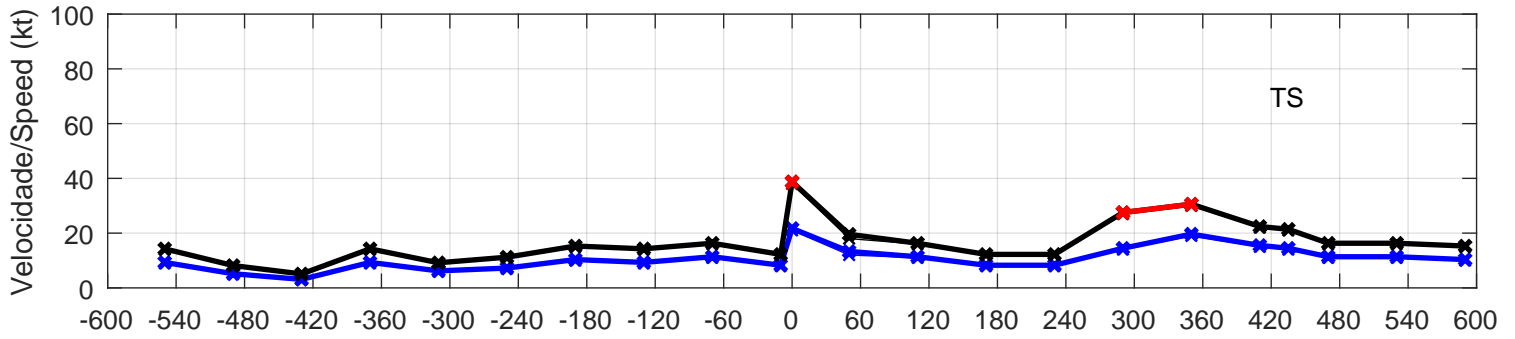
**SBGR-2/83778 EVENTO/EVENT 29 - 02/09/2006, 06:30 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 38 \text{ kt}$	$R_{-6} = 3.5$	$T_{med,3} = 15.6 \text{ }^\circ\text{C}$	$DIR = 250^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 28 \text{ kt}$	$R_{-3} = 4.0$	$\Delta T_{min,3} = -2.6 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 160^\circ$		NON-SYNOPTIC
$g_V = 1.4$	$R_{+3} = 2.6$	$\Delta Q_{max,3} = 3.4 \text{ hPa}$	$\Delta DIR_{max,+3} = 120^\circ$		(110)
$G_{cor} = 38.7 \text{ kt}$	$R_{+6} = 2.3$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 29.0 \text{ kt}$					



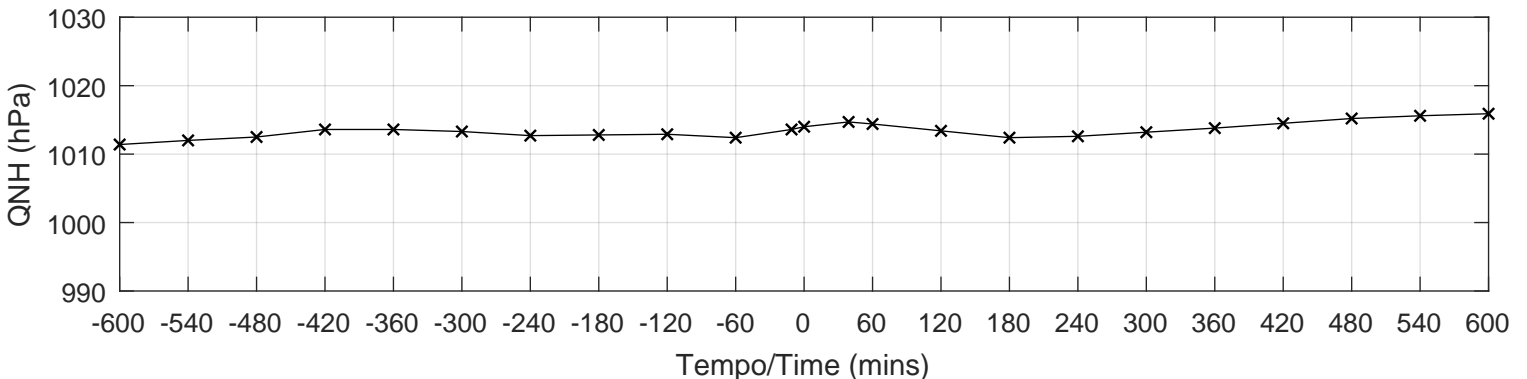
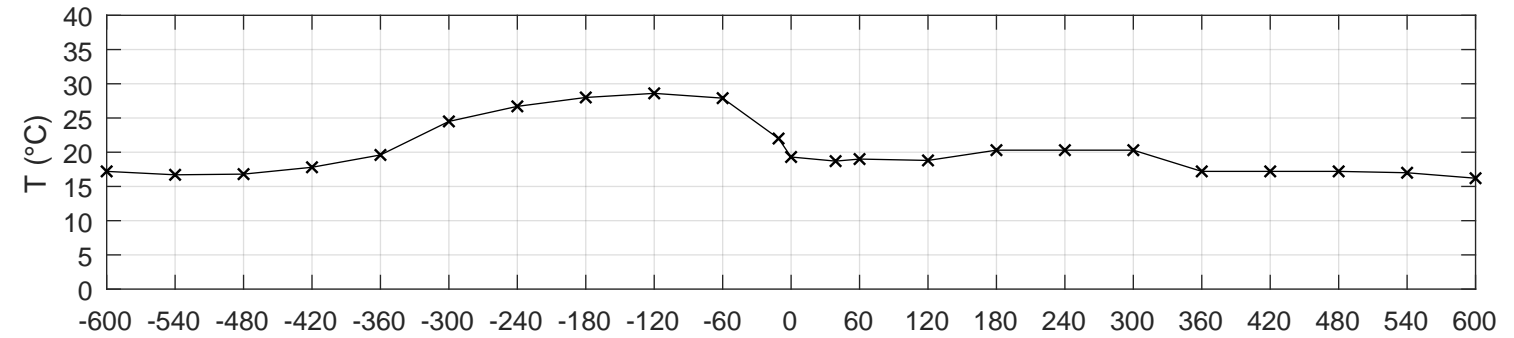
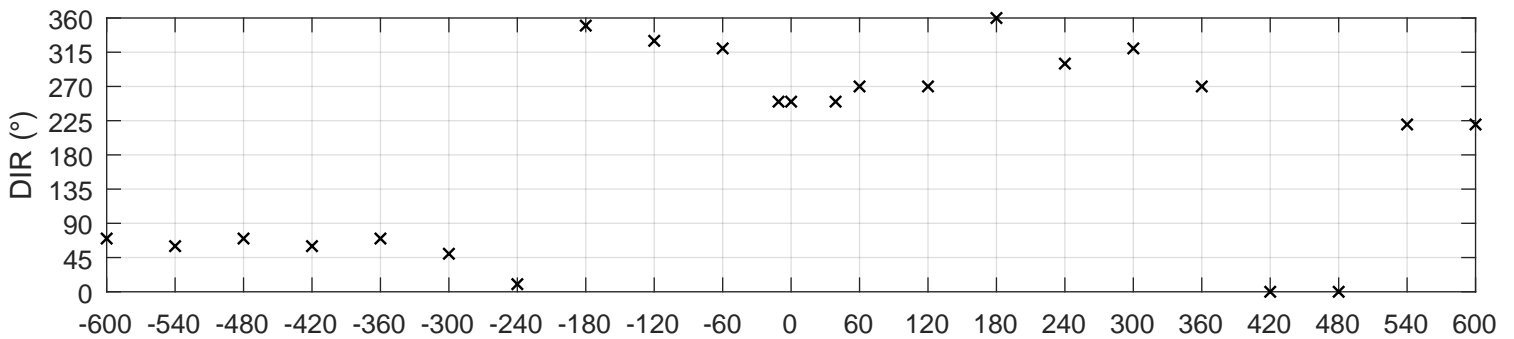
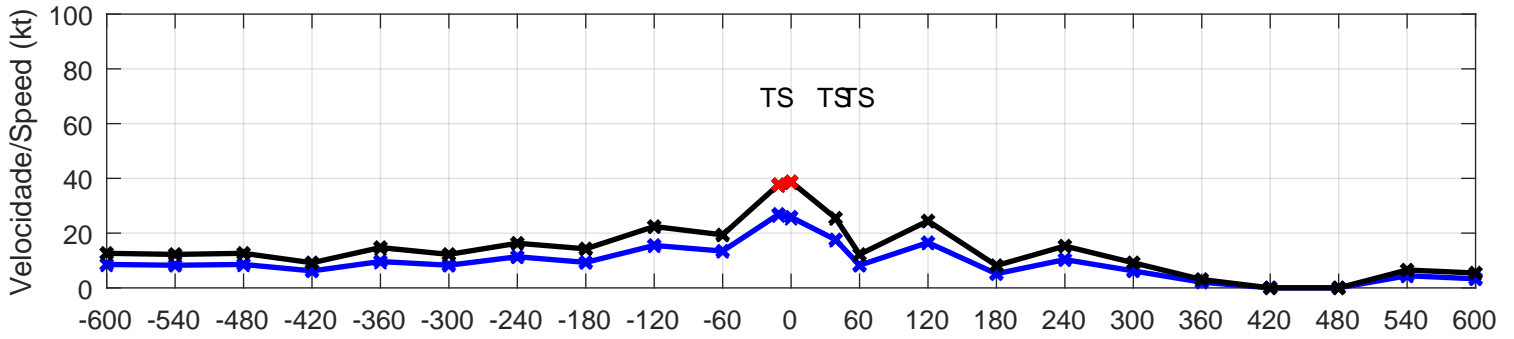
**SBGR-2/83778 EVENTO/EVENT 30 - 18/07/2007, 08:10 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 38 \text{ kt}$	$R_{-6} = 2.9$	$T_{med,3} = 15.1 \text{ }^\circ\text{C}$	$DIR = 330^\circ$	NÃO/NO	NÃO-SINÓTICO
$V_{obs} = 21 \text{ kt}$	$R_{-3} = 2.6$	$\Delta T_{min,3} = 0.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 50^\circ$		NON-SYNOPTIC
$g_V = 1.8$	$R_{+3} = 2.5$	$\Delta Q_{max,3} = 2.9 \text{ hPa}$	$\Delta DIR_{max,+3} = 90^\circ$		(113)
$G_{cor} = 38.7 \text{ kt}$	$R_{+6} = 2.0$	$\Delta$ Grupo/Group = 2			
$V_{cor} = 21.7 \text{ kt}$					



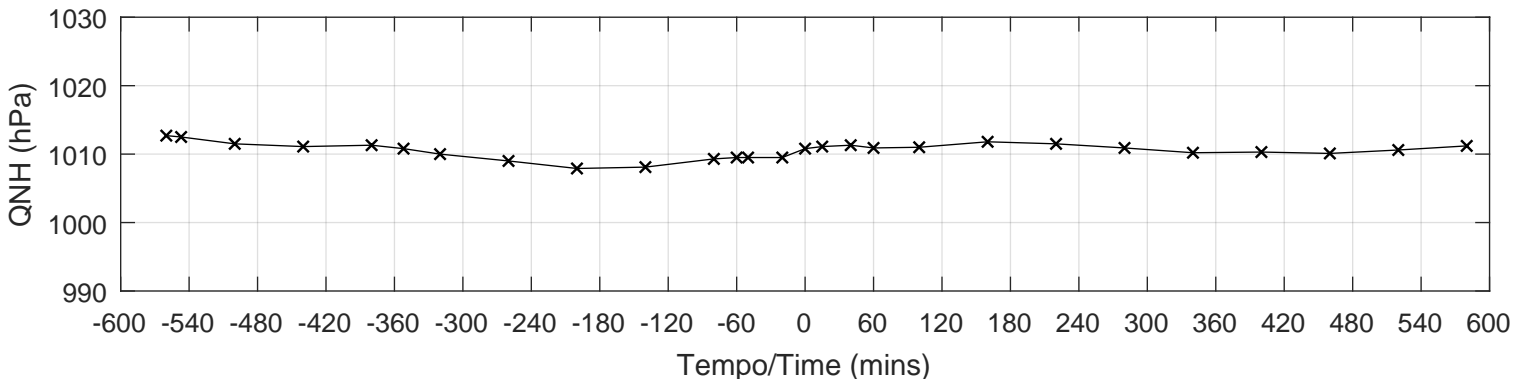
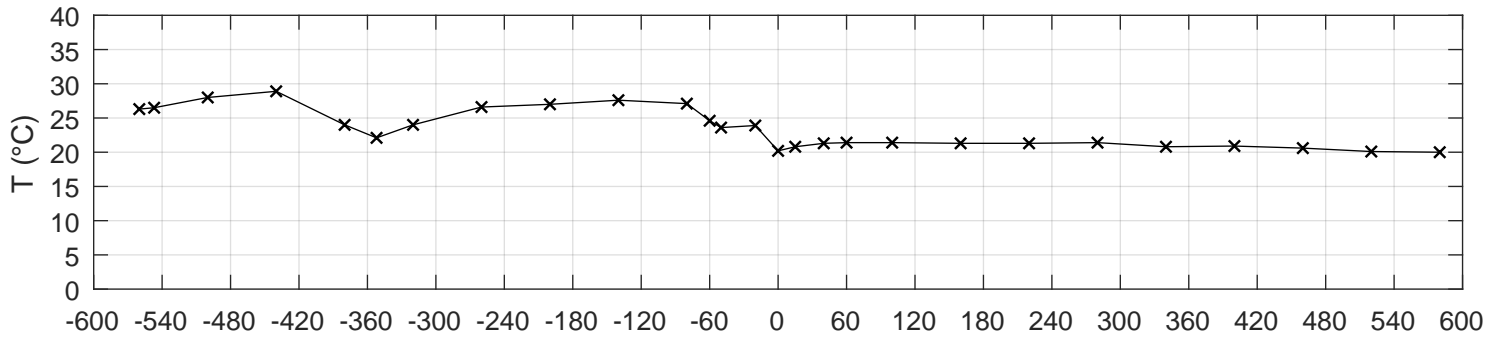
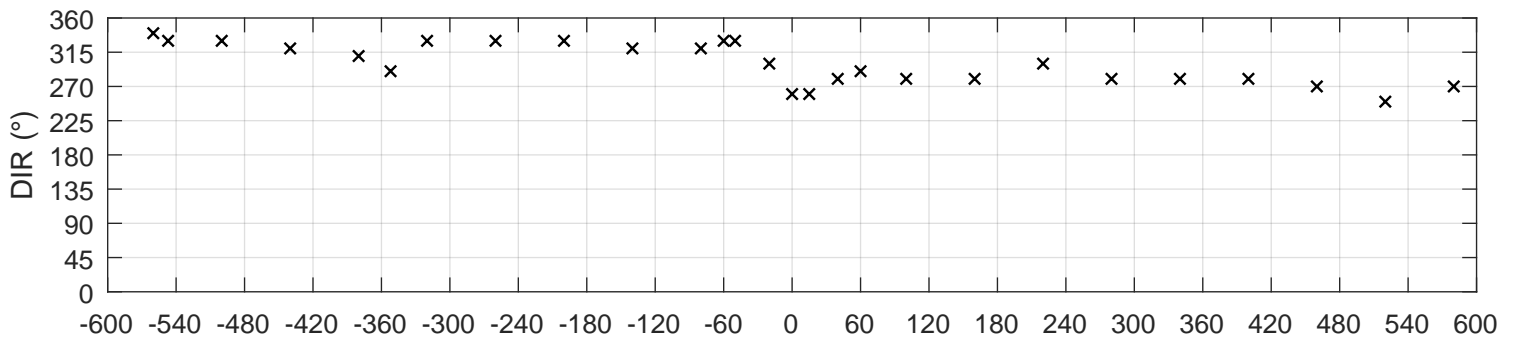
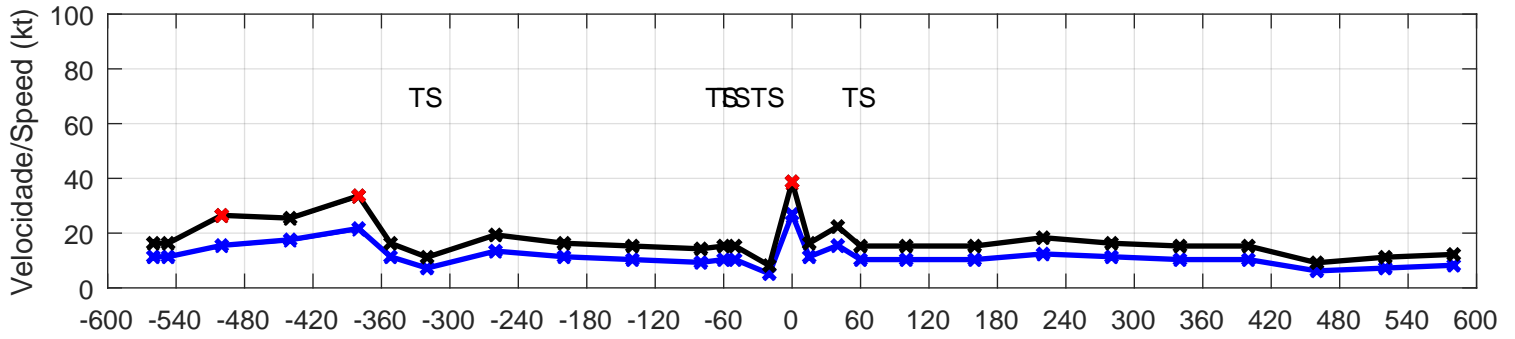
SBGR-2/83778 EVENTO/EVENT 31 - 12/10/2009, 14:00 LOCAL (PAS31/2017)

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 38 \text{ kt}$	$R_{-6} = 2.3$	$T_{med,3} = 28.2 \text{ }^\circ\text{C}$	$DIR = 250^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 25 \text{ kt}$	$R_{-3} = 2.0$	$\Delta T_{min,3} = -9.9 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 100^\circ$		NON-SYNOPTIC
$g_V = 1.5$	$R_{+3} = 2.4$	$\Delta Q_{max,3} = 2.3 \text{ hPa}$	$\Delta DIR_{max,+3} = 110^\circ$		(110)
$G_{cor} = 38.7 \text{ kt}$	$R_{+6} = 3.0$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 25.9 \text{ kt}$					



**SBGR-2/83778 EVENTO/EVENT 32 - 12/12/2009, 19:20 LOCAL (PAS31/2017)**

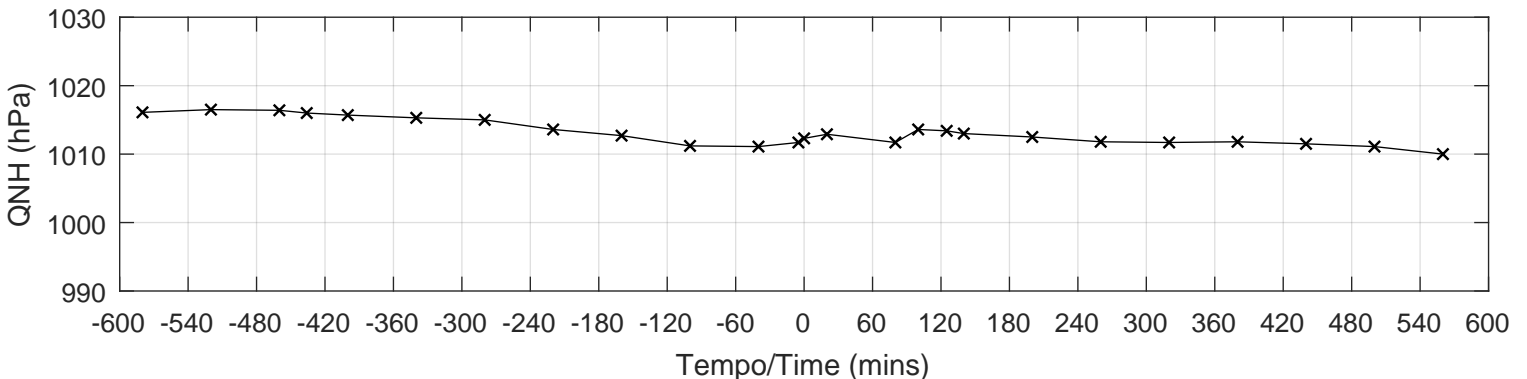
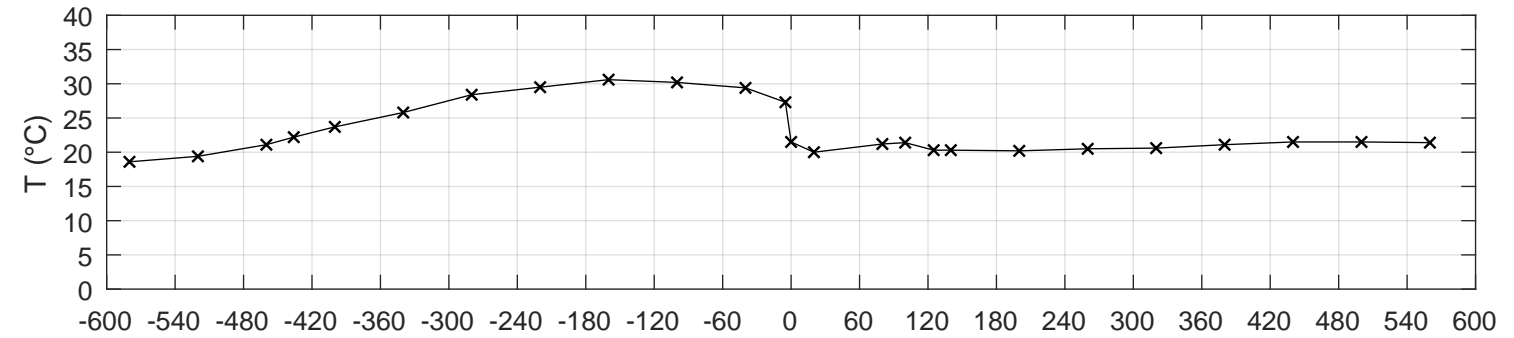
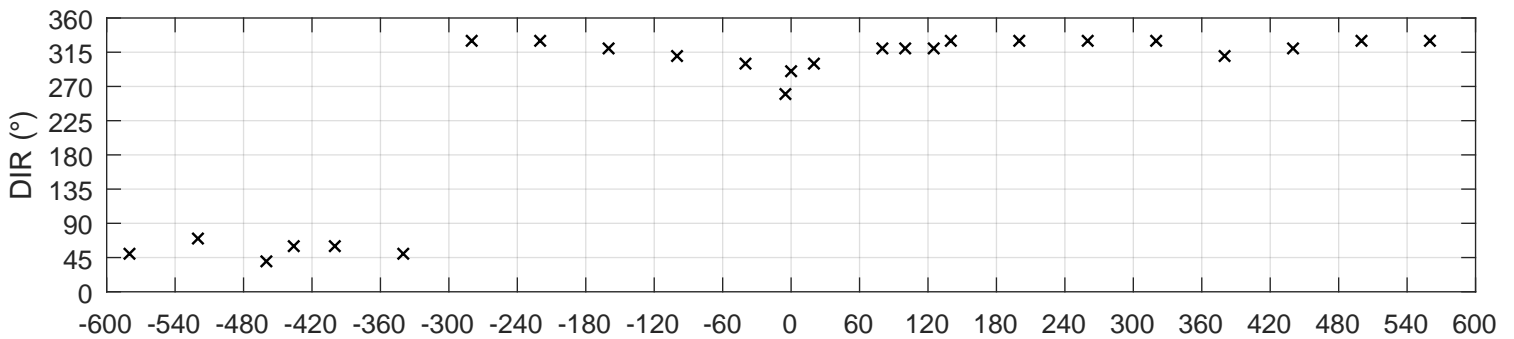
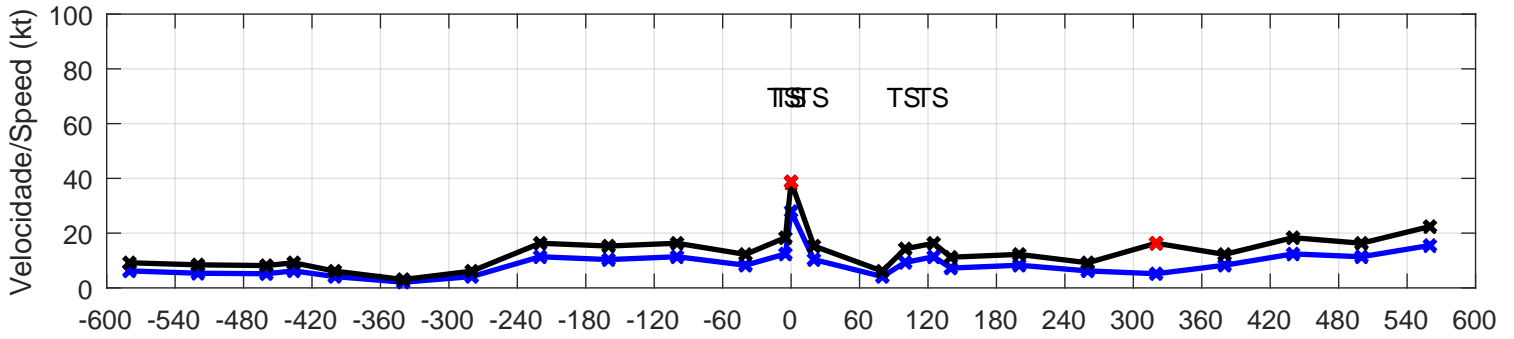
Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 38 \text{ kt}$	$R_{-6} = 2.6$	$T_{med,3} = 27.2 \text{ }^\circ\text{C}$	$DIR = 260^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 26 \text{ kt}$	$R_{-3} = 2.7$	$\Delta T_{min,3} = -6.9 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 70^\circ$		NON-SYNOPTIC
$g_V = 1.5$	$R_{+3} = 2.4$	$\Delta Q_{max,3} = 2.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 30^\circ$		(110)
$G_{cor} = 38.7 \text{ kt}$	$R_{+6} = 2.4$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 26.9 \text{ kt}$					





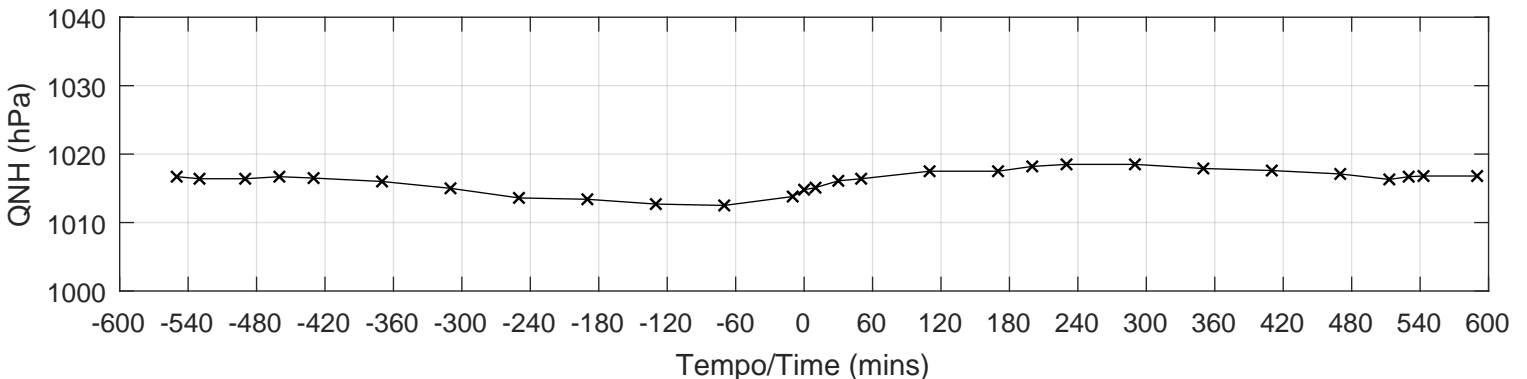
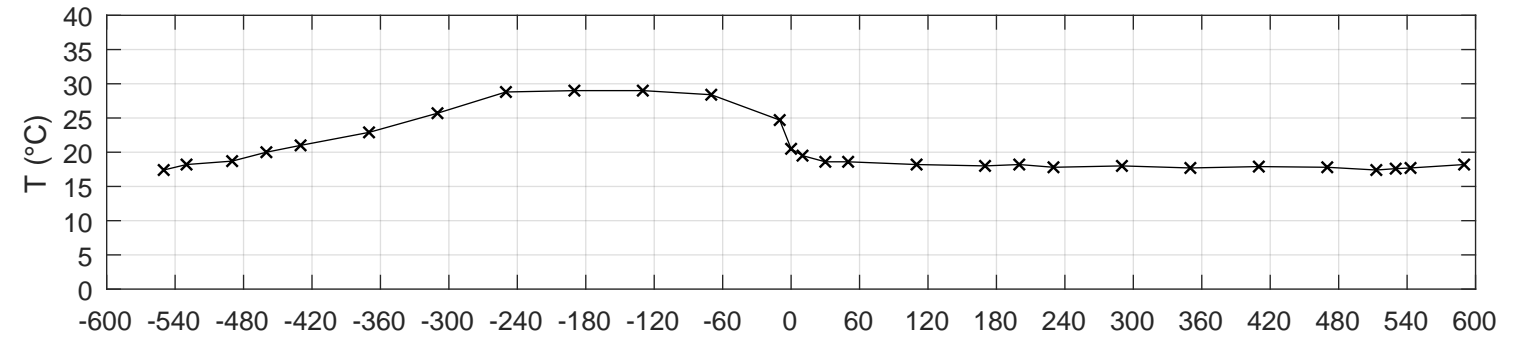
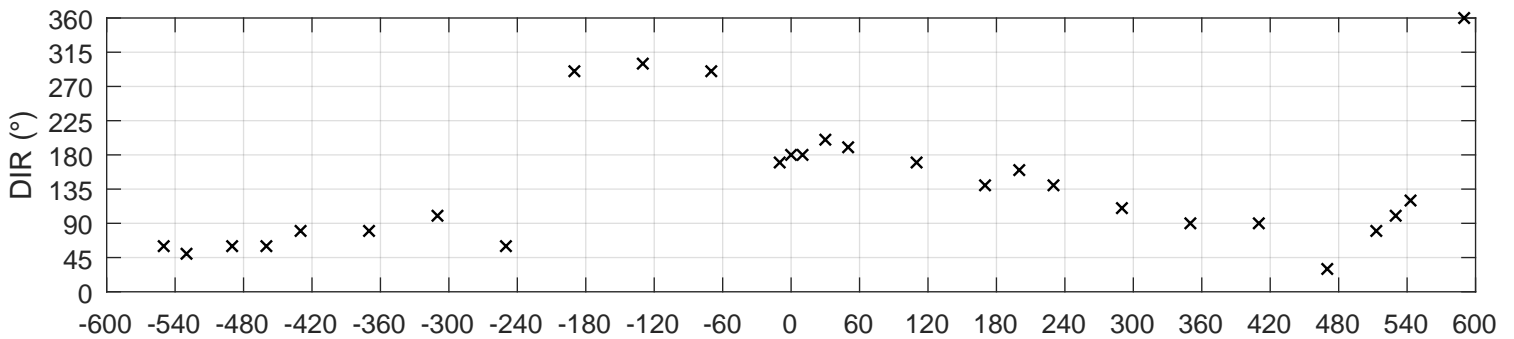
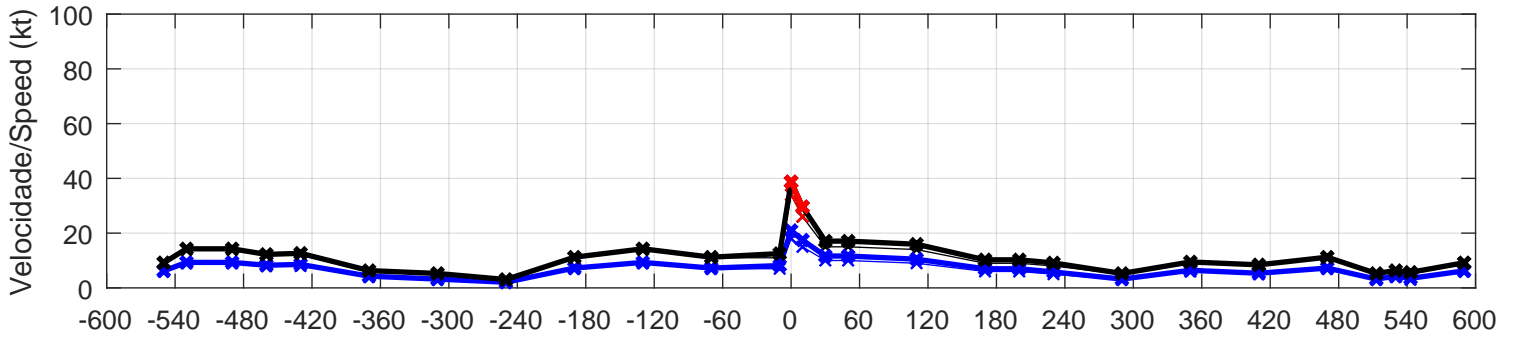
**SBGR-2/83778 EVENTO/EVENT 33 - 03/12/2016, 15:40 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 38 \text{ kt}$	$R_{-6} = 3.3$	$T_{med,3} = 30.4 \text{ }^\circ\text{C}$	$DIR = 290^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 27 \text{ kt}$	$R_{-3} = 2.6$	$\Delta T_{min,3} = -10.2 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 30^\circ$		NON-SYNOPTIC
$g_V = 1.4$	$R_{+3} = 3.0$	$\Delta Q_{max,3} = 1.8 \text{ hPa}$	$\Delta DIR_{max,+3} = 40^\circ$		(110)
$G_{cor} = 38.7 \text{ kt}$	$R_{+6} = 3.0$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 27.9 \text{ kt}$					



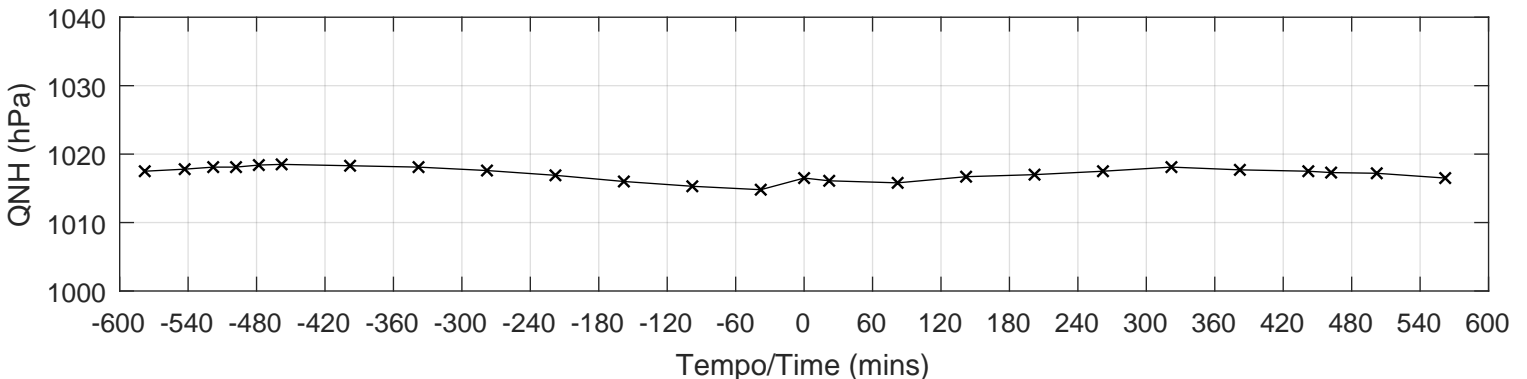
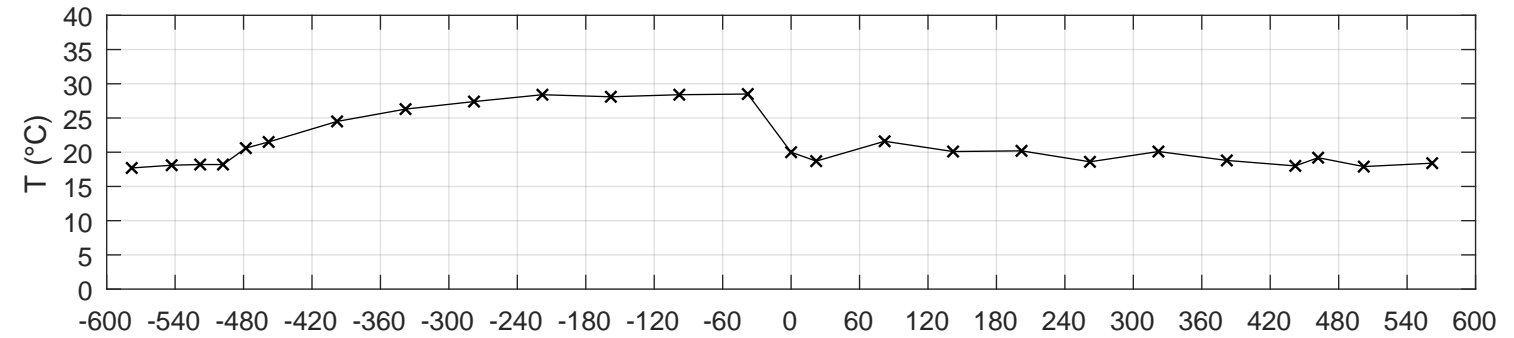
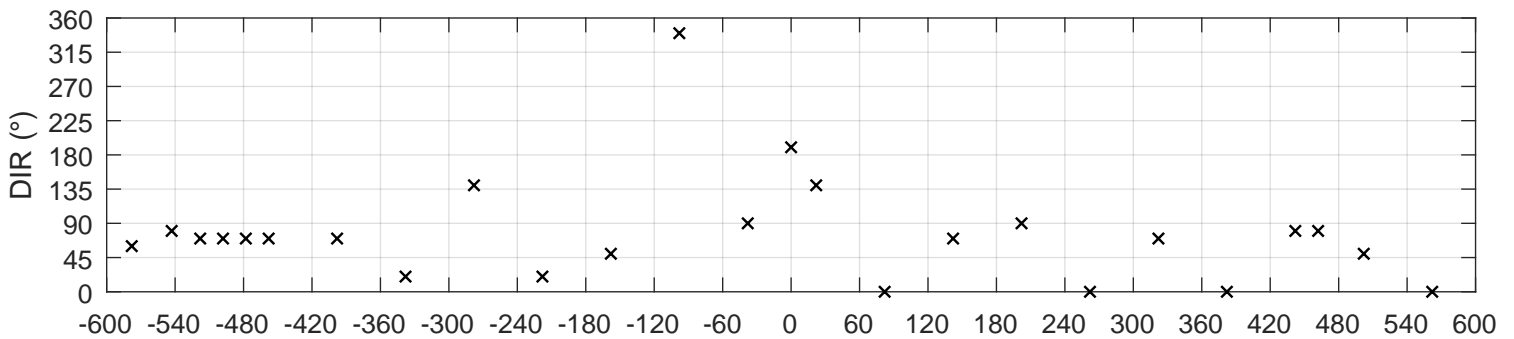
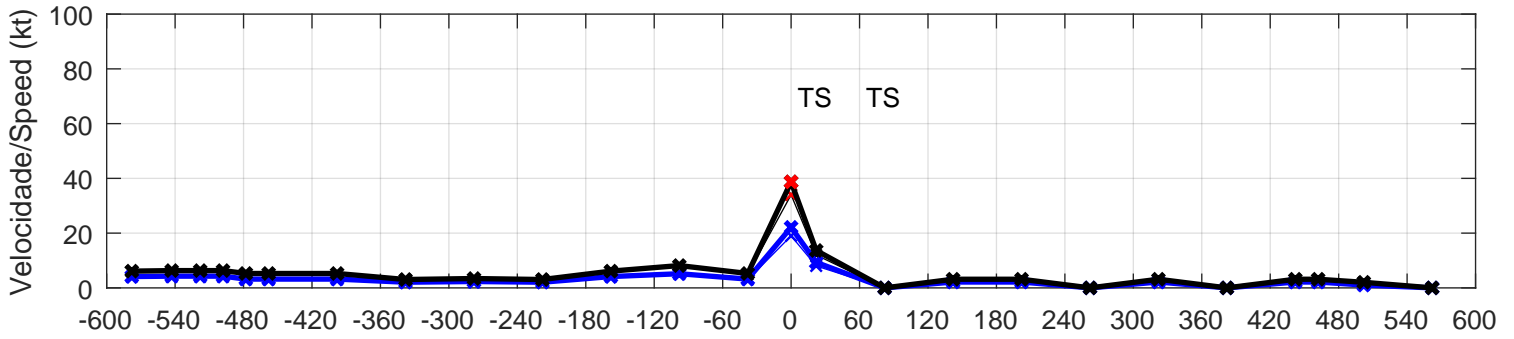
**SBGR-2/83778 EVENTO/EVENT 34 - 18/09/2009, 17:10 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 34 \text{ kt}$	$R_{-6} = 3.8$	$T_{med,3} = 28.7 \text{ }^\circ\text{C}$	$DIR = 180^\circ$	NÃO/NO	NÃO-SINÓTICO
$V_{obs} = 18 \text{ kt}$	$R_{-3} = 2.7$	$\Delta T_{min,3} = -9.8 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 120^\circ$		NON-SYNOPTIC
$g_V = 1.9$	$R_{+3} = 2.3$	$\Delta Q_{max,3} = 3.9 \text{ hPa}$	$\Delta DIR_{max,+3} = 40^\circ$		(113)
$G_{cor} = 38.7 \text{ kt}$	$R_{+6} = 3.1$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 20.9 \text{ kt}$					



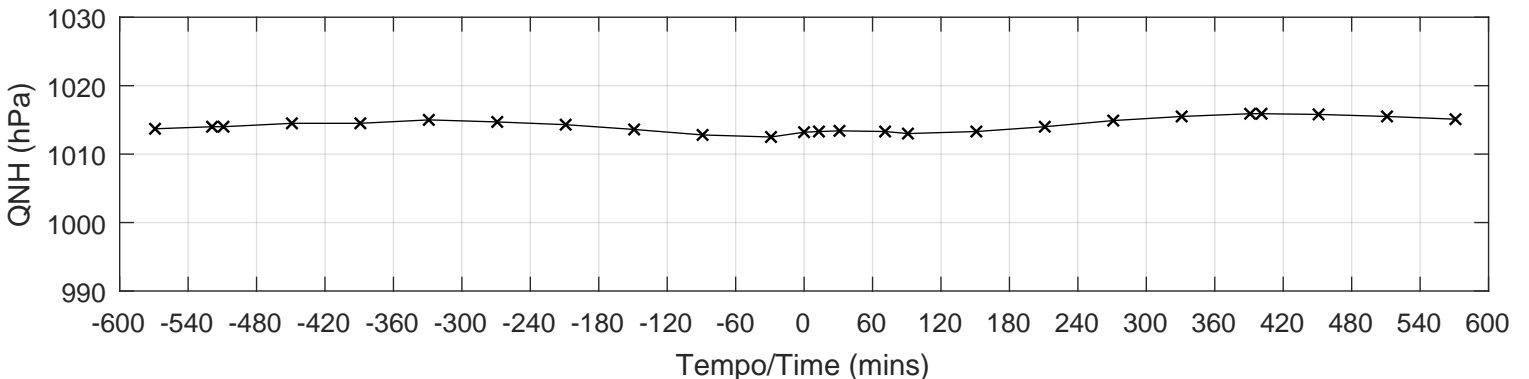
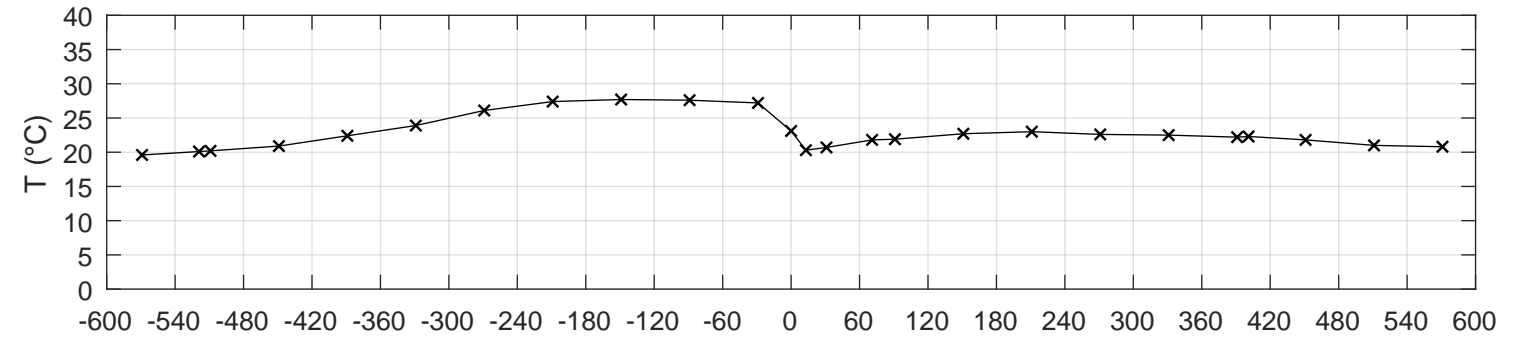
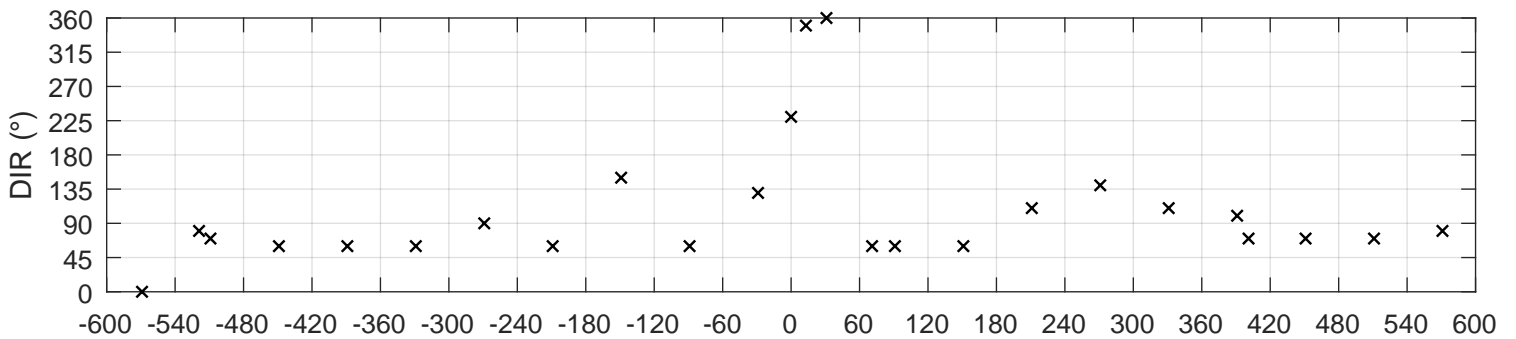
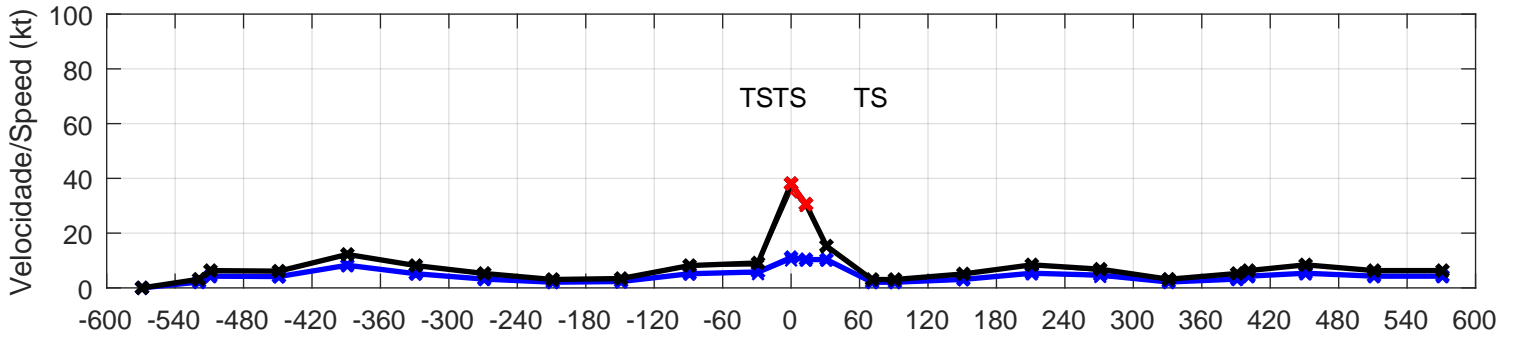
**SBGR-2/83778 EVENTO/EVENT 35 - 12/03/2012, 16:38 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 34 \text{ kt}$	$R_{-6} = 7.3$	$T_{med,3} = 28.3 \text{ }^\circ\text{C}$	$DIR = 190^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 19 \text{ kt}$	$R_{-3} = 5.2$	$\Delta T_{min,3} = -9.8 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 150^\circ$		NON-SYNOPTIC
$g_V = 1.8$	$R_{+3} = 6.8$	$\Delta Q_{max,3} = 1.7 \text{ hPa}$	$\Delta DIR_{max,+3} = 120^\circ$		(110)
$G_{cor} = 38.7 \text{ kt}$	$R_{+6} = 9.7$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 22.1 \text{ kt}$					



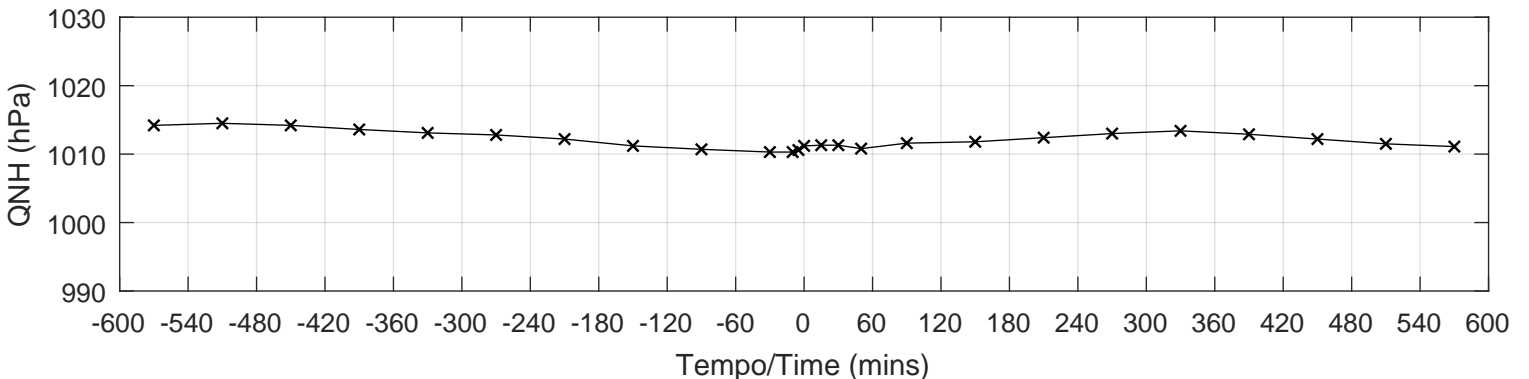
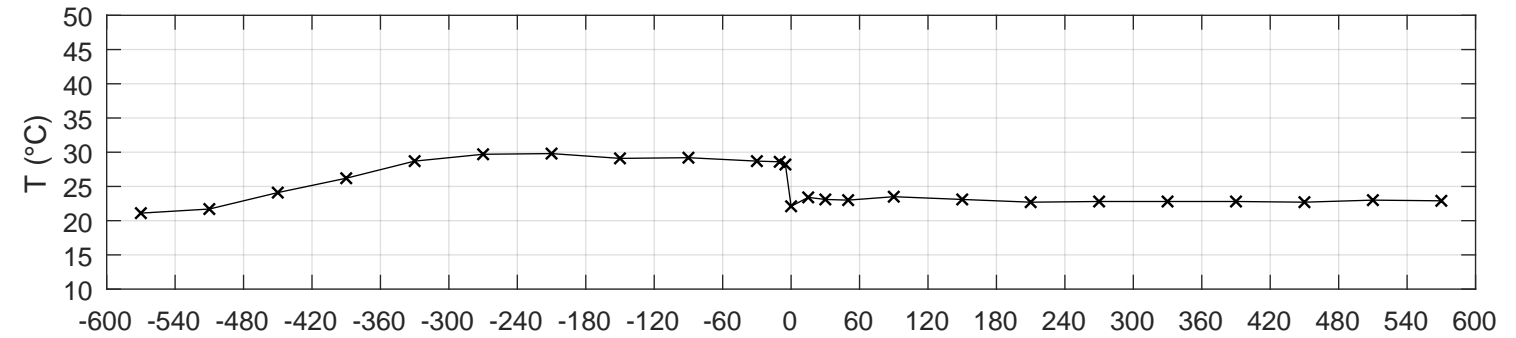
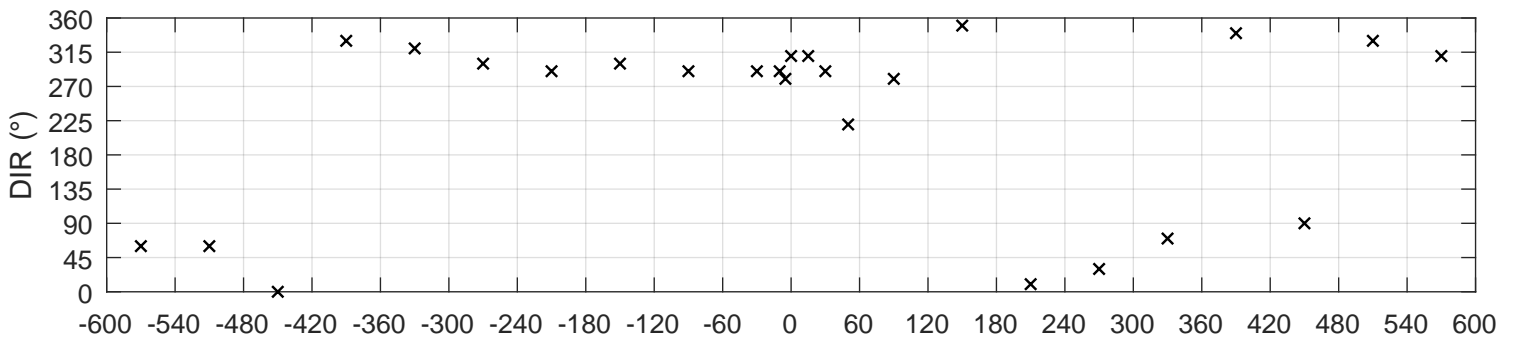
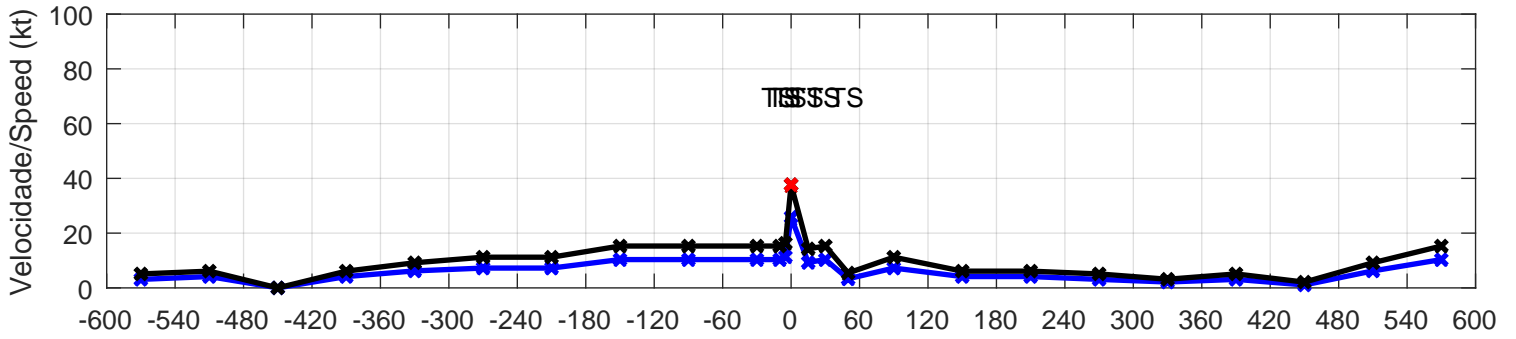
**SBGR-2/83778 EVENTO/EVENT 36 - 24/02/2011, 15:29 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 35 \text{ kt}$	$R_{-6} = 6.2$	$T_{med,3} = 27.6 \text{ }^\circ\text{C}$	$DIR = 230^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 10 \text{ kt}$	$R_{-3} = 5.8$	$\Delta T_{min,3} = -7.3 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 170^\circ$		NON-SYNOPTIC
$g_V = 3.5$	$R_{+3} = 4.1$	$\Delta Q_{max,3} = 0.9 \text{ hPa}$	$\Delta DIR_{max,+3} = 170^\circ$		(110)
$G_{cor} = 38.1 \text{ kt}$	$R_{+6} = 4.9$	$\Delta$ Grupo/Group = 2			
$V_{cor} = 11.1 \text{ kt}$					



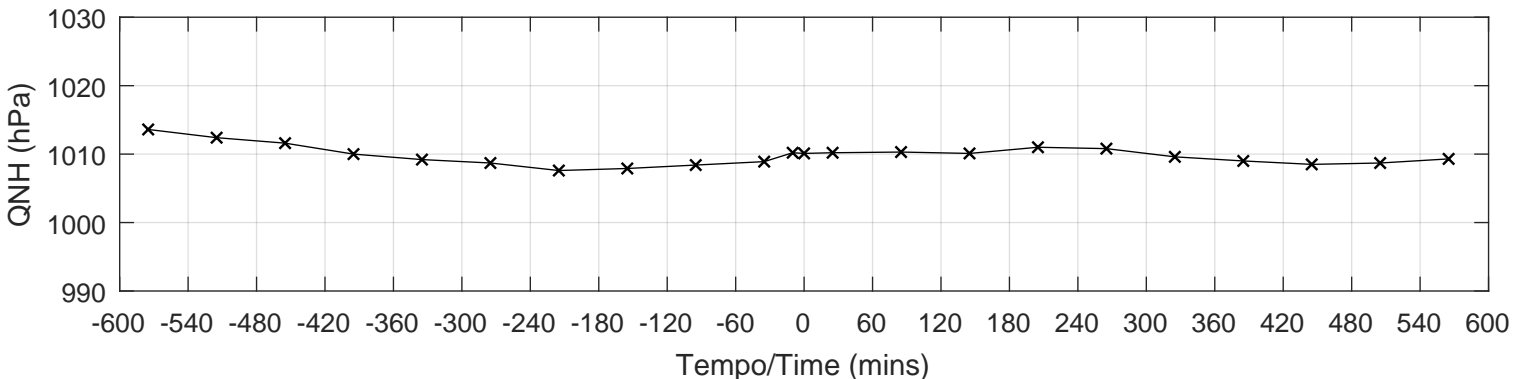
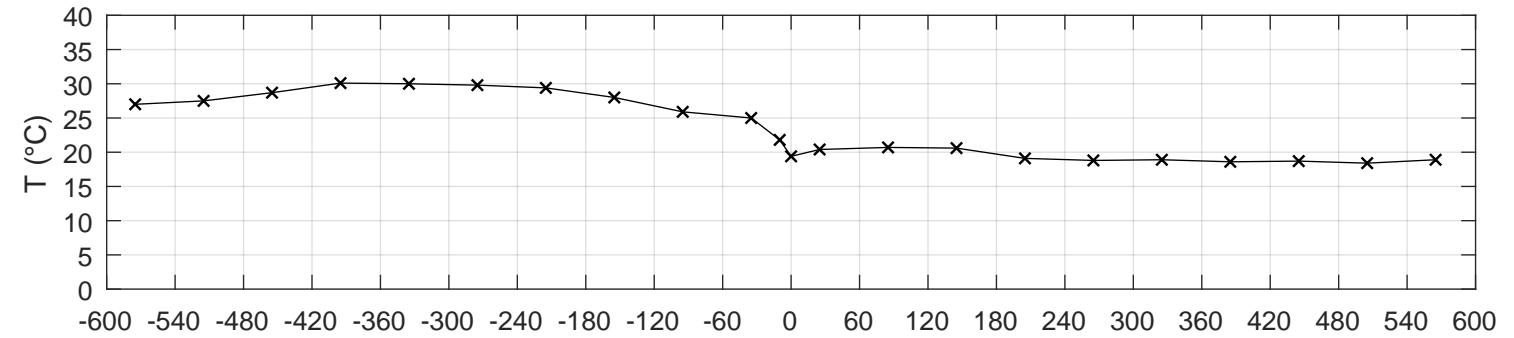
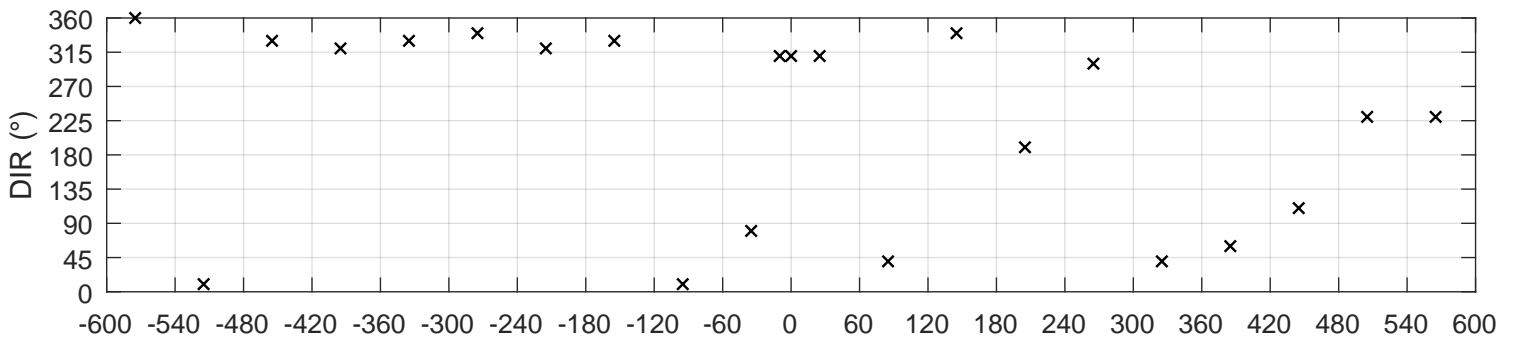
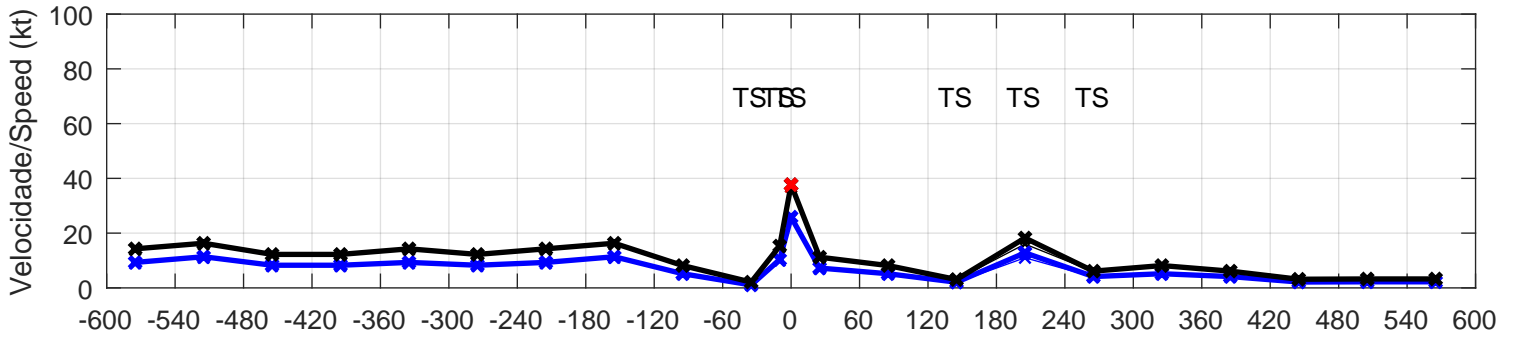
**SBGR-2/83778 EVENTO/EVENT 37 - 10/12/2016, 16:30 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press. $\Delta$ Direction	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 37 \text{ kt}$	$R_{-6} = 3.0$	$T_{med,3} = 29.1 \text{ }^\circ\text{C}$	$DIR = 310^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 25 \text{ kt}$	$R_{-3} = 2.5$	$\Delta T_{min,3} = -7.1 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 30^\circ$		NON-SYNOPTIC
$g_V = 1.5$	$R_{+3} = 4.2$	$\Delta Q_{max,3} = 1.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 90^\circ$		(110)
$G_{cor} = 37.7 \text{ kt}$	$R_{+6} = 5.4$	$\Delta$ Grupo/Group = 2			
$V_{cor} = 25.9 \text{ kt}$					



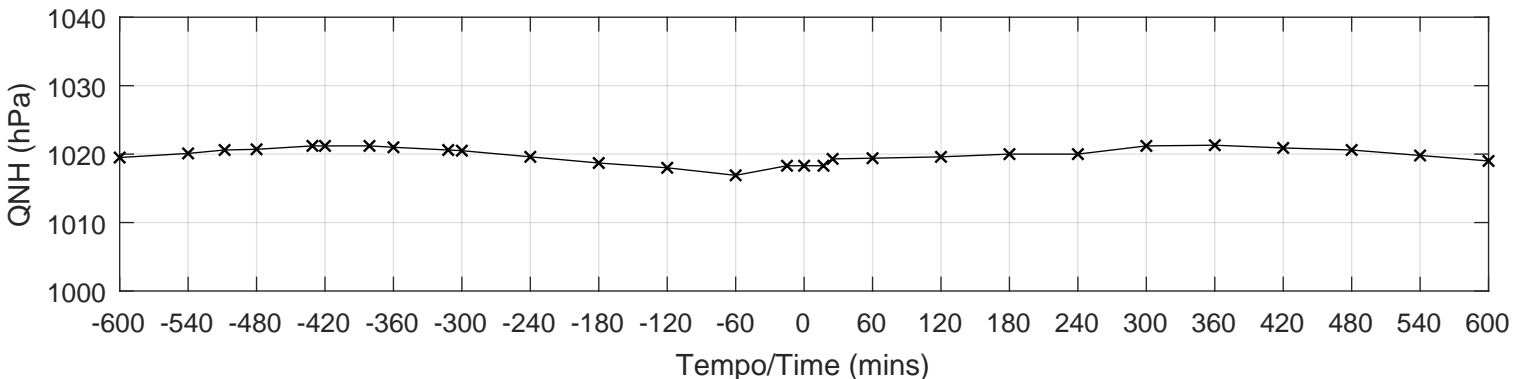
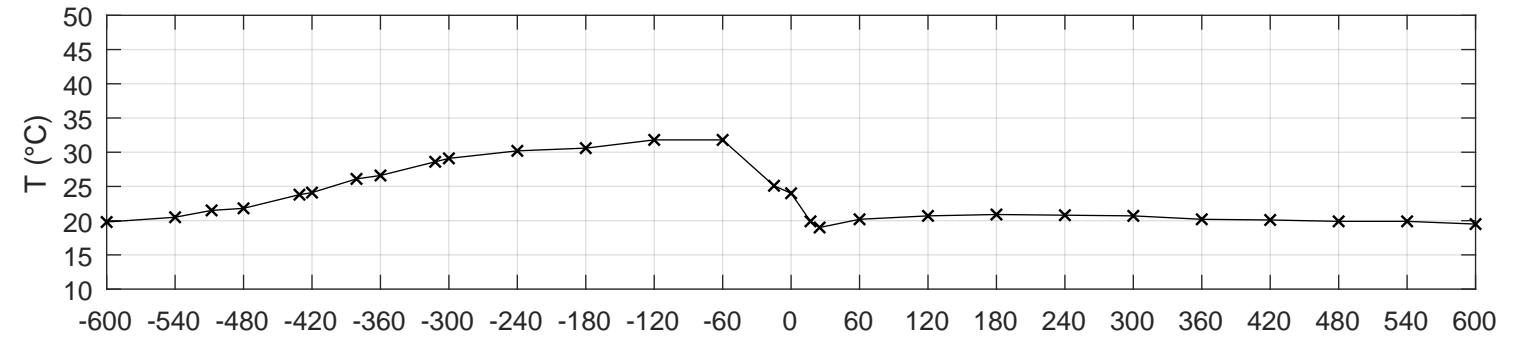
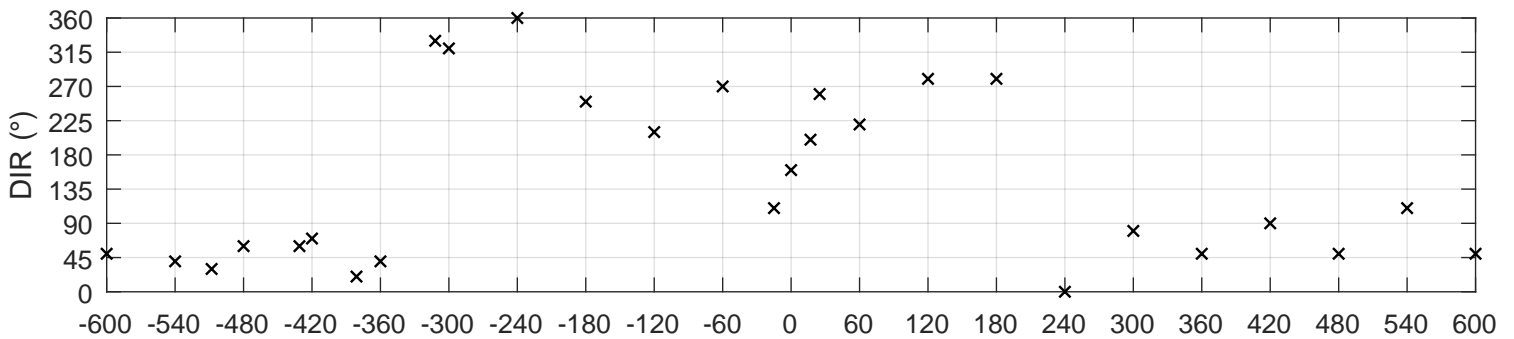
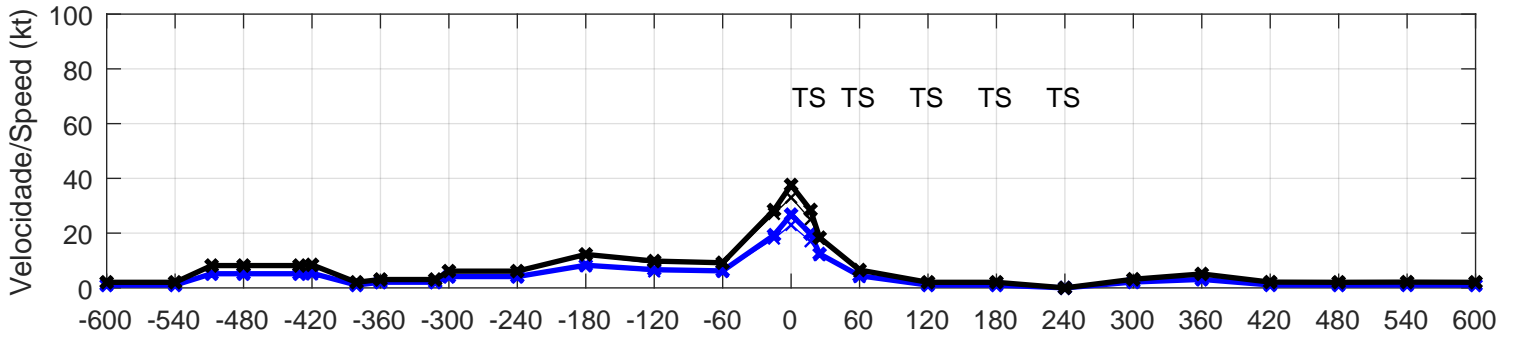
**SBGR-2/83778 EVENTO/EVENT 38 - 10/11/2017, 19:35 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 37 \text{ kt}$	$R_{-6} = 3.1$	$T_{med,3} = 26.9 \text{ }^\circ\text{C}$	$DIR = 310^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 25 \text{ kt}$	$R_{-3} = 3.5$	$\Delta T_{min,3} = -6.5 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 130^\circ$		NON-SYNOPTIC
$g_V = 1.5$	$R_{+3} = 5.0$	$\Delta Q_{max,3} = 1.8 \text{ hPa}$	$\Delta DIR_{max,+3} = 90^\circ$		(110)
$G_{cor} = 37.7 \text{ kt}$	$R_{+6} = 4.3$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 25.9 \text{ kt}$					



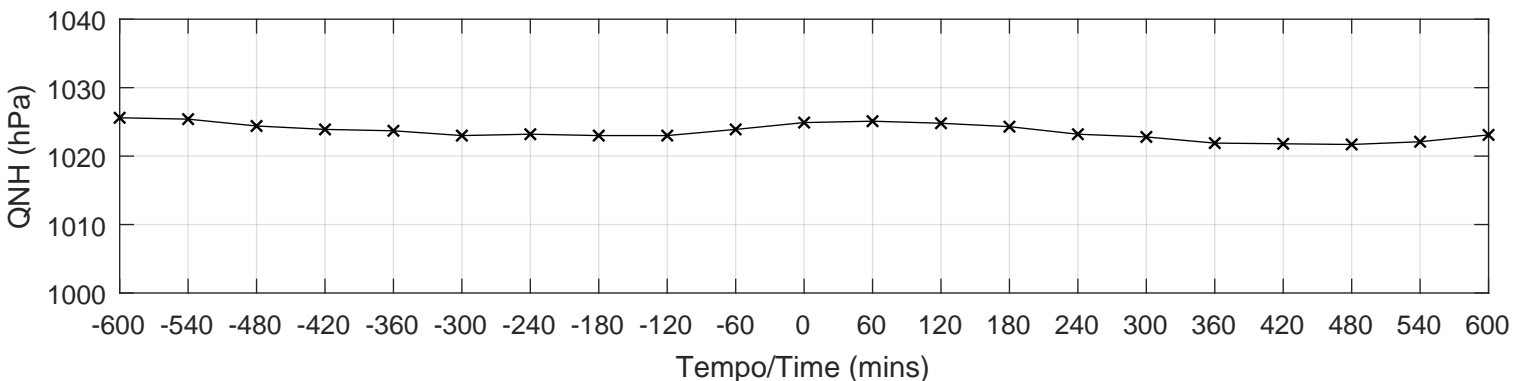
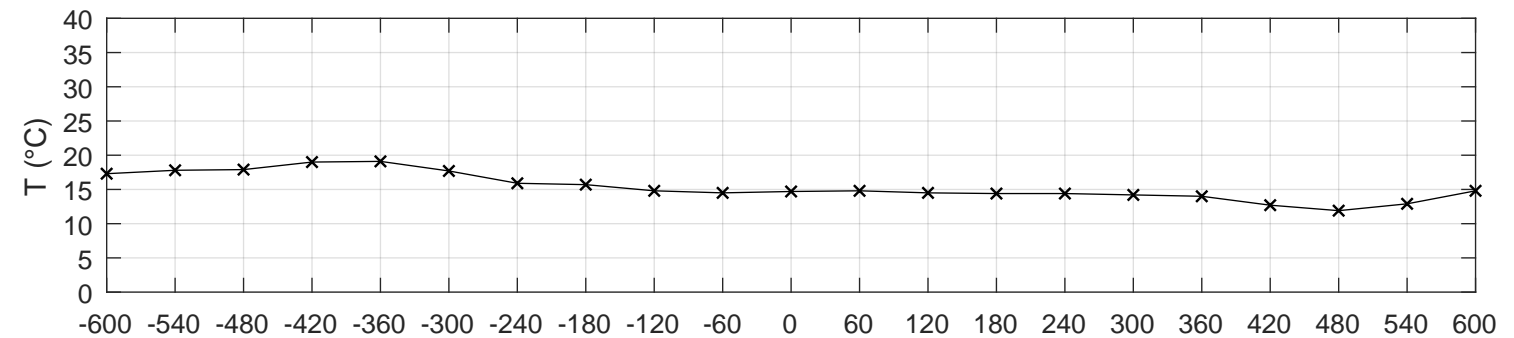
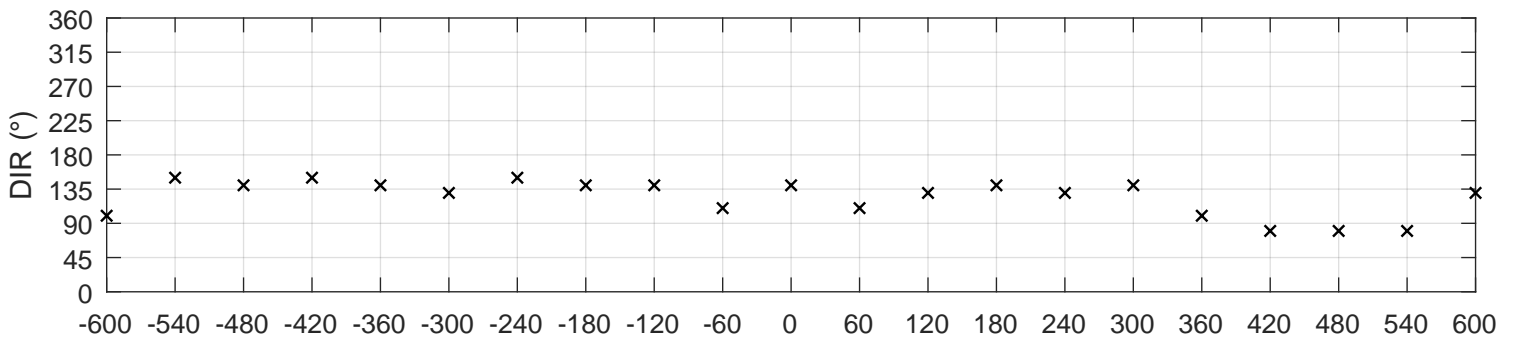
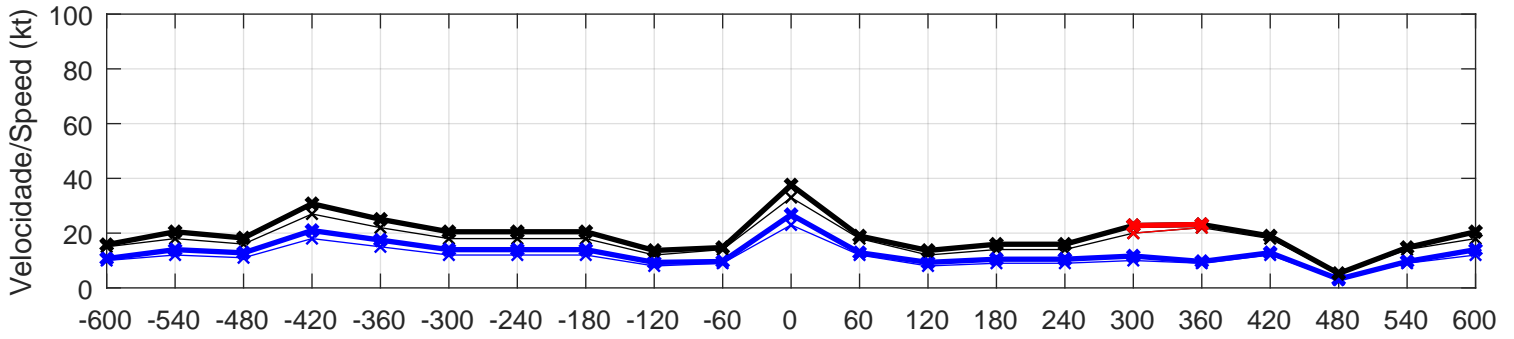
**SBGR-2/83778 EVENTO/EVENT 39 - 08/03/2002, 16:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 33$ kt	$R_{-6} = 4.0$	$T_{med,3} = 31.4$ °C	$DIR = 160^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 23$ kt	$R_{-3} = 2.9$	$\Delta T_{min,3} = -12.8$ °C	$\Delta DIR_{max,-3} = 110^\circ$		NON-SYNOPTIC
$g_V = []$	$R_{+3} = 5.1$	$\Delta Q_{max,3} = 2.5$ hPa	$\Delta DIR_{max,+3} = 120^\circ$		(120)
$G_{cor} = 37.6$ kt	$R_{+6} = 7.0$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 26.8$ kt					



**SBGR-2/83778 EVENTO/EVENT 40 - 07/11/2002, 21:00 LOCAL (PAS31/2017)**

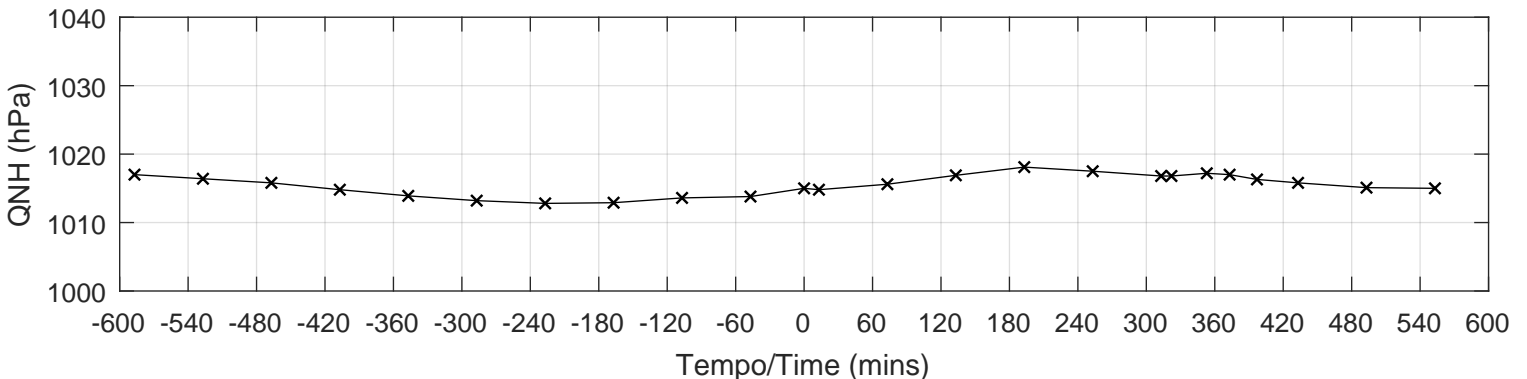
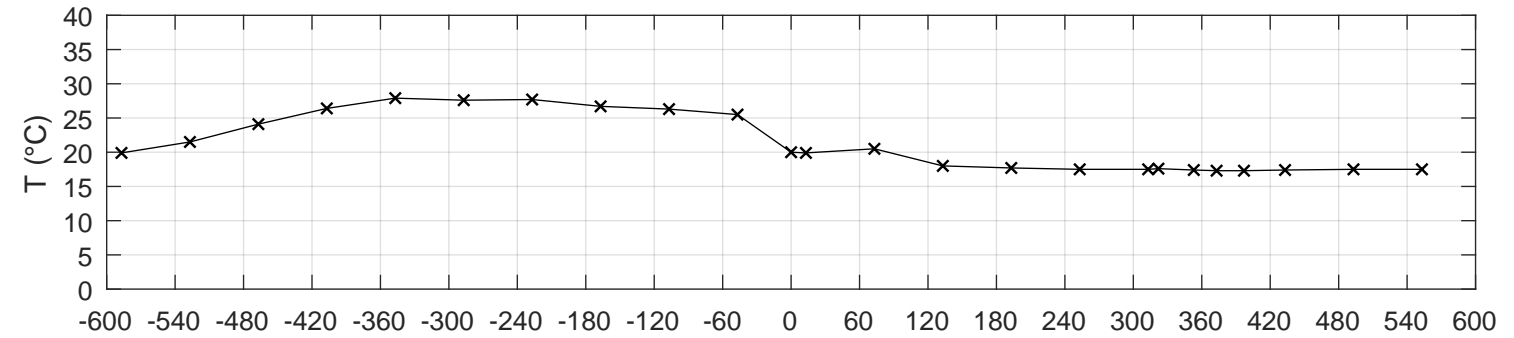
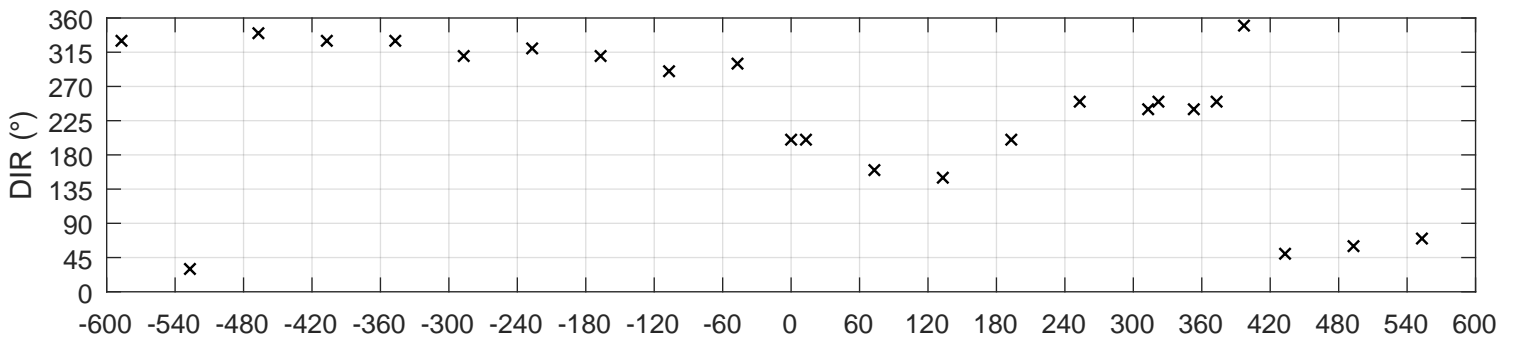
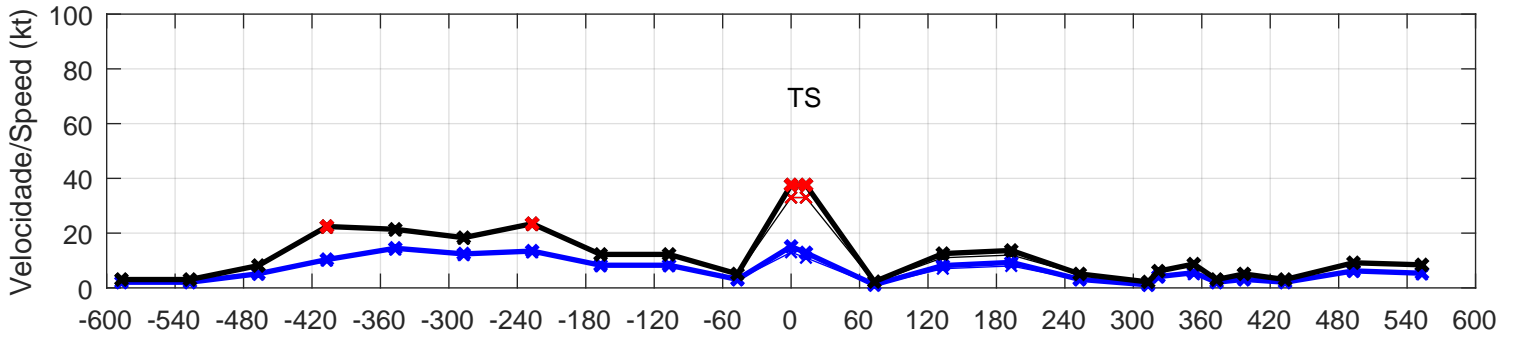
Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 33$ kt	$R_{-6} = 1.9$	$T_{med,3} = 15.0$ °C	$DIR = 140^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 23$ kt	$R_{-3} = 2.3$	$\Delta T_{min,3} = -0.3$ °C	$\Delta DIR_{max,-3} = 30^\circ$		SYNOPTIC
$g_V = []$	$R_{+3} = 2.3$	$\Delta Q_{max,3} = 2.1$ hPa	$\Delta DIR_{max,+3} = 30^\circ$		(225)
$G_{cor} = 37.6$ kt	$R_{+6} = 2.0$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 26.8$ kt					





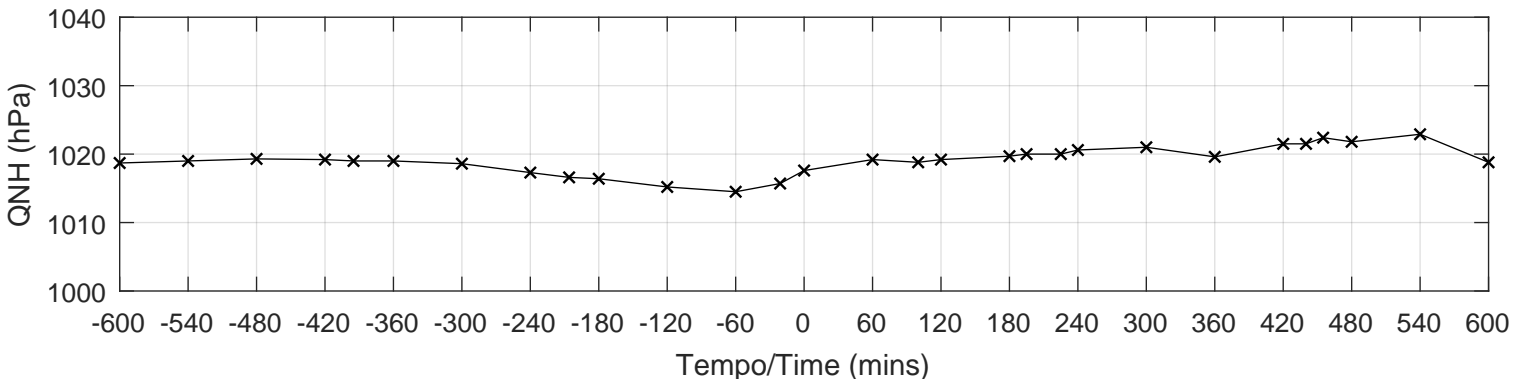
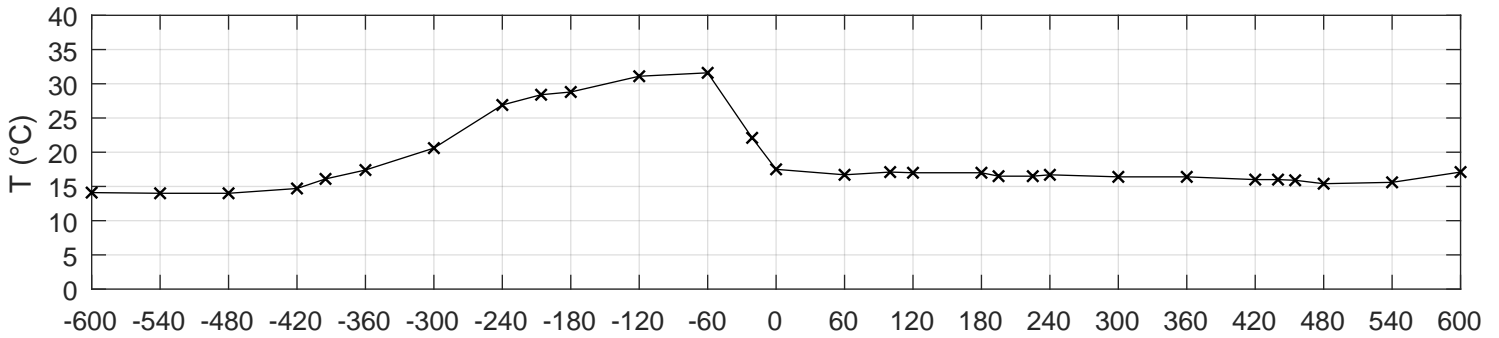
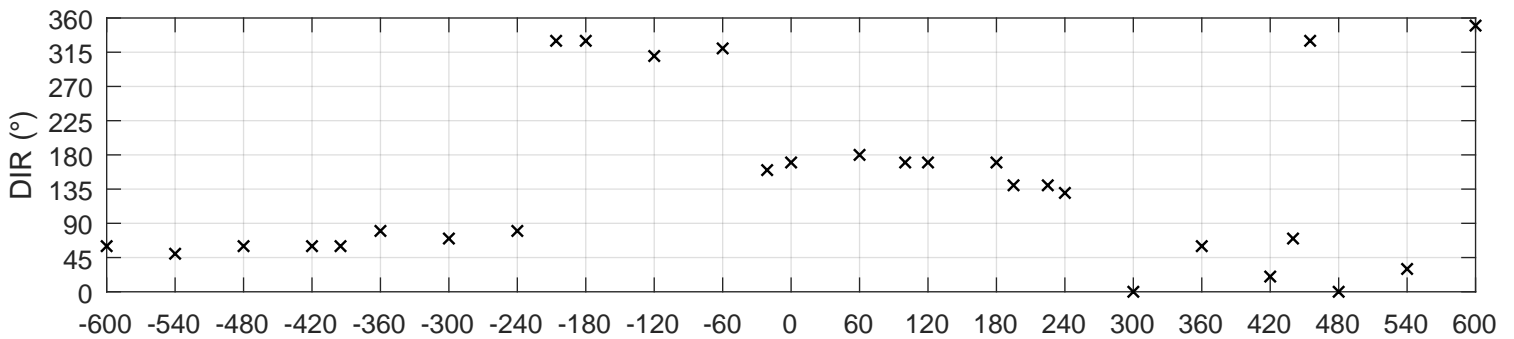
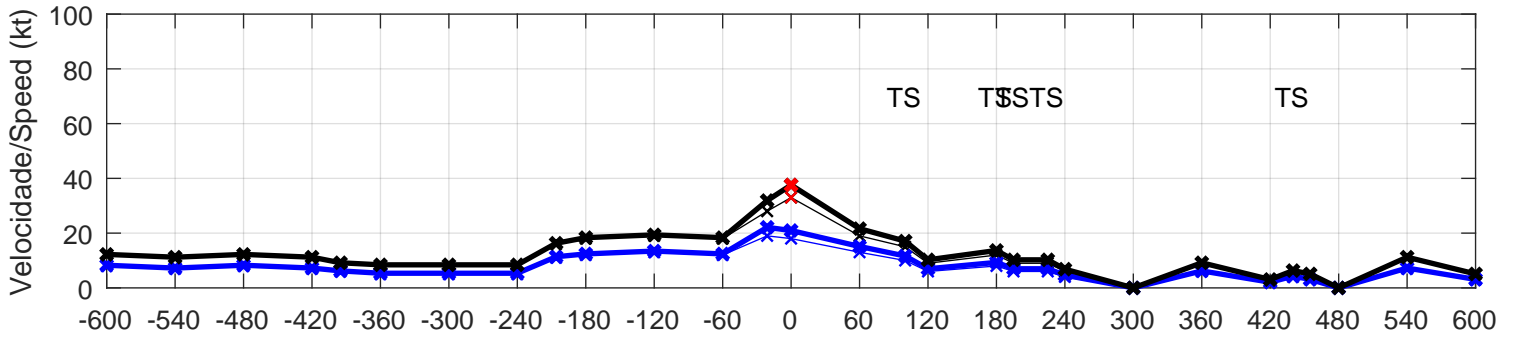
**SBGR-2/83778 EVENTO/EVENT 41 - 14/11/2007, 18:47 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 33 \text{ kt}$	$R_{-6} = 2.1$	$T_{med,3} = 26.5 \text{ }^\circ\text{C}$	$DIR = 200^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 13 \text{ kt}$	$R_{-3} = 3.3$	$\Delta T_{min,3} = -6.4 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 110^\circ$		NON-SYNOPTIC
$g_V = 2.5$	$R_{+3} = 2.2$	$\Delta Q_{max,3} = 1.4 \text{ hPa}$	$\Delta DIR_{max,+3} = 50^\circ$		(110)
$G_{cor} = 37.6 \text{ kt}$	$R_{+6} = 2.9$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 15.1 \text{ kt}$					



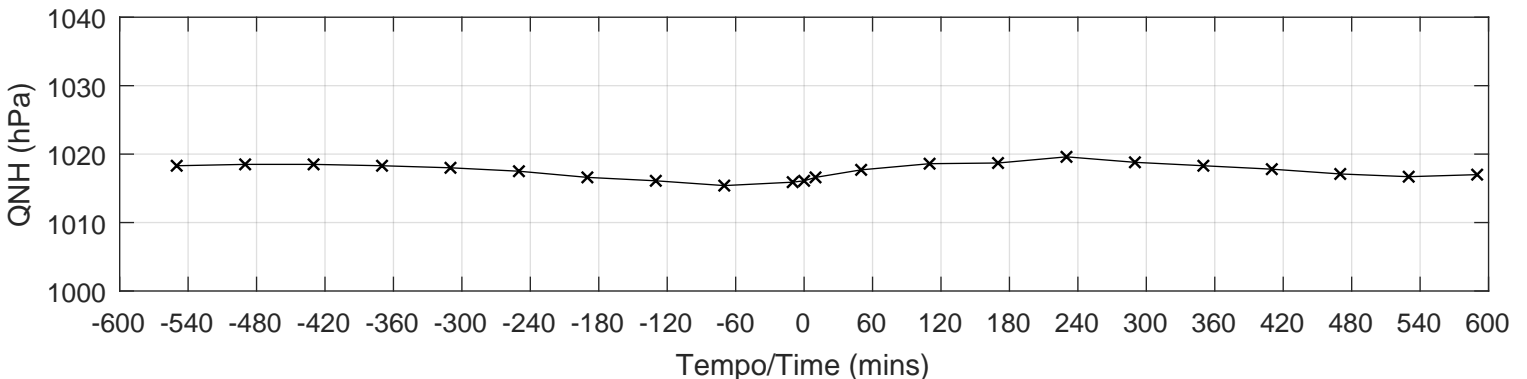
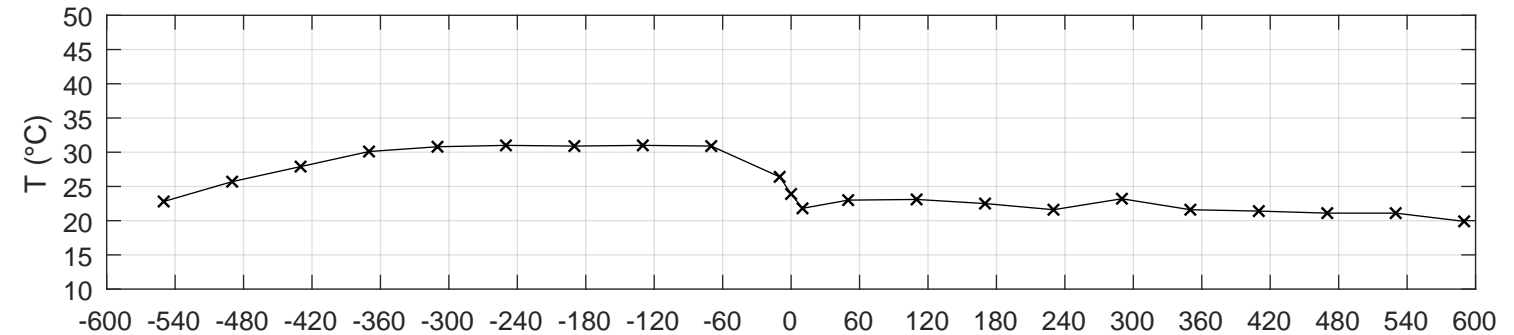
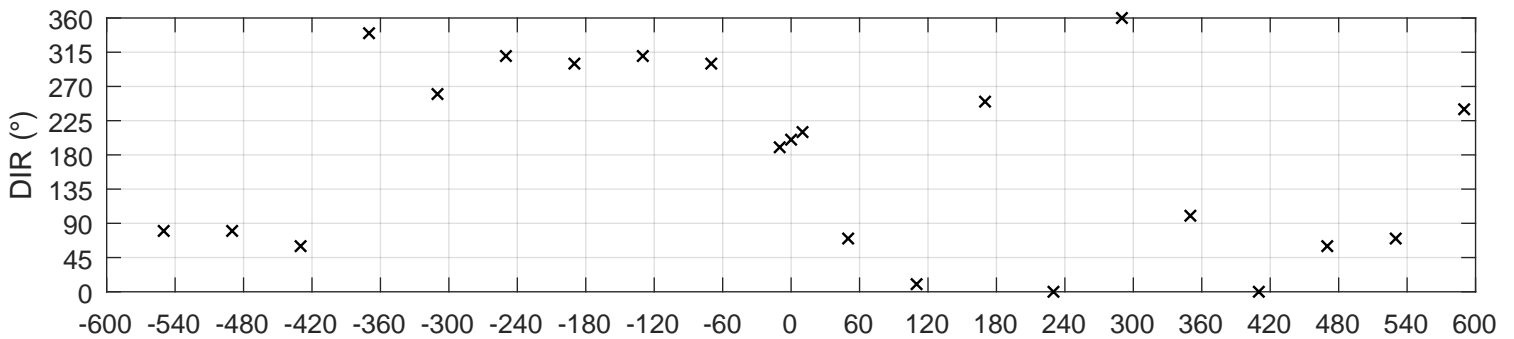
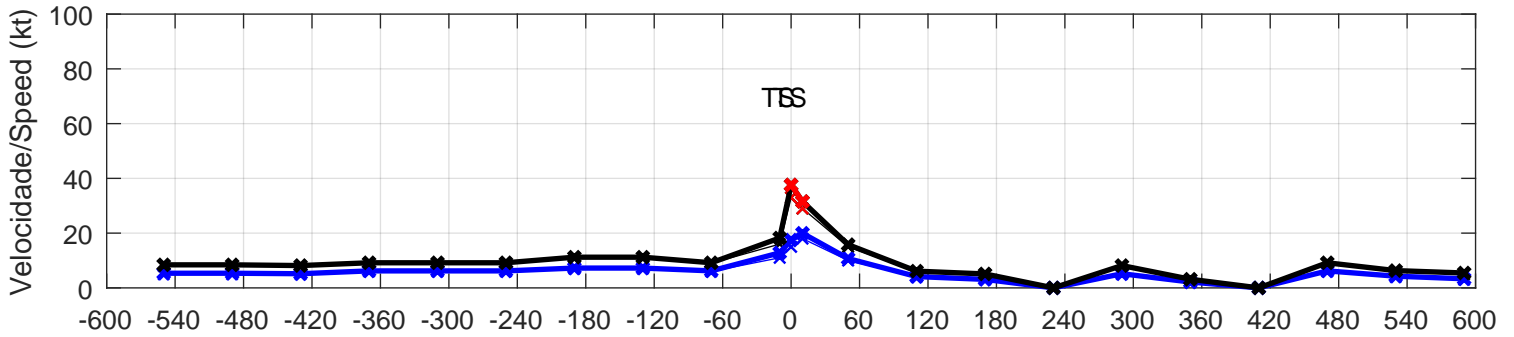
**SBGR-2/83778 EVENTO/EVENT 42 - 31/08/2014, 15:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 33 \text{ kt}$	$R_{-6} = 2.3$	$T_{med,3} = 30.4 \text{ }^\circ\text{C}$	$DIR = 170^\circ$	NÃO/NO	NÃO-SINÓTICO
$V_{obs} = 18 \text{ kt}$	$R_{-3} = 1.7$	$\Delta T_{min,3} = -14.9 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 160^\circ$		NON-SYNOPTIC
$g_V = 1.8$	$R_{+3} = 2.5$	$\Delta Q_{max,3} = 4.7 \text{ hPa}$	$\Delta DIR_{max,+3} = 10^\circ$		(111)
$G_{cor} = 37.6 \text{ kt}$	$R_{+6} = 3.9$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 20.9 \text{ kt}$					



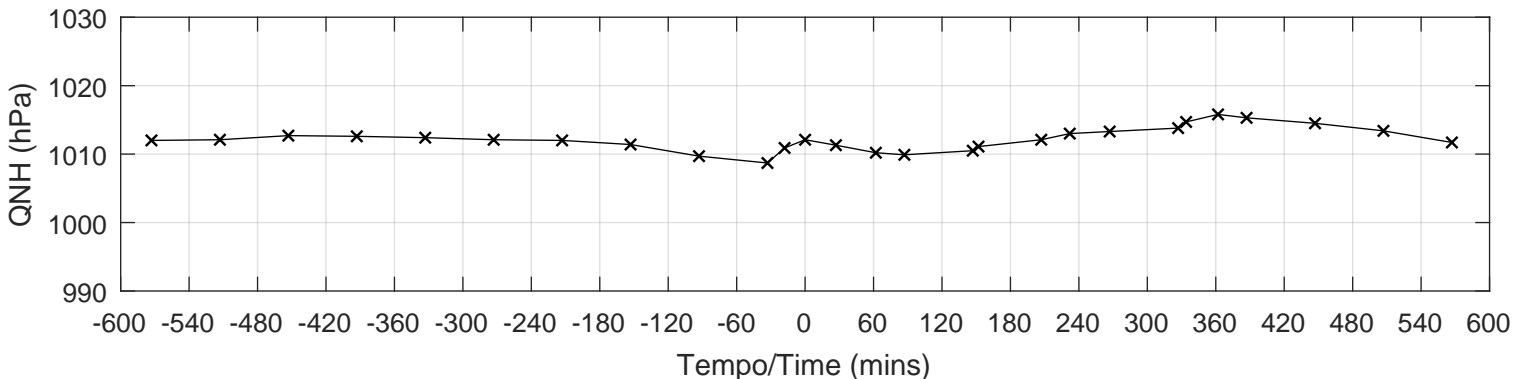
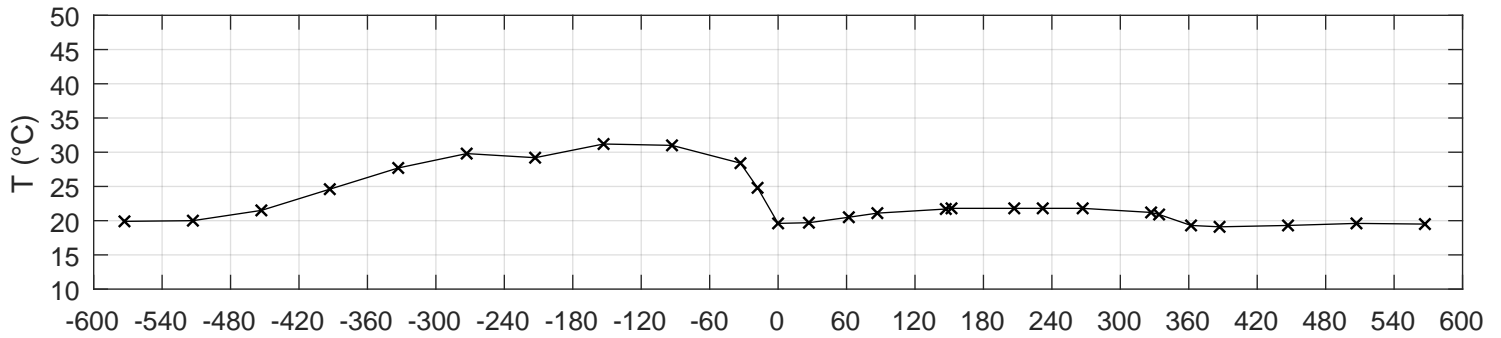
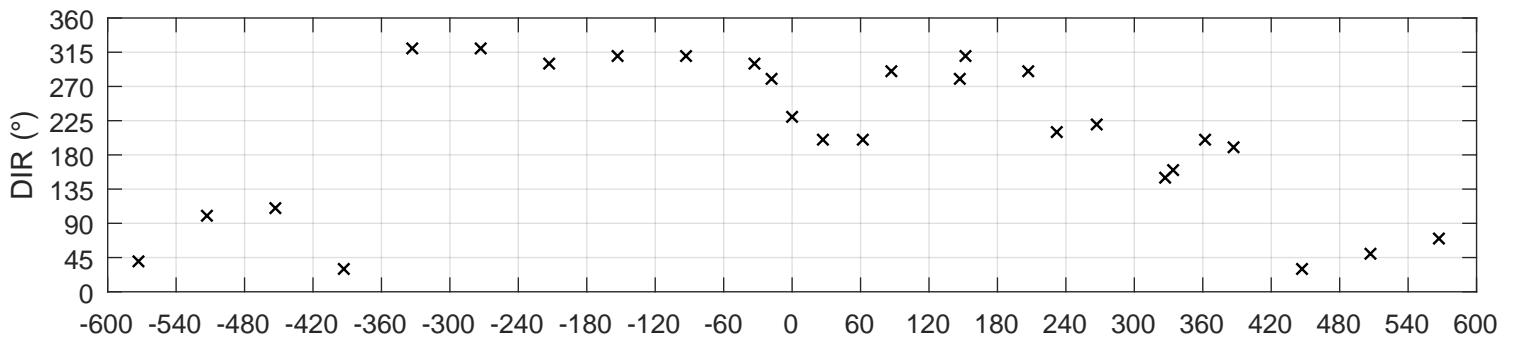
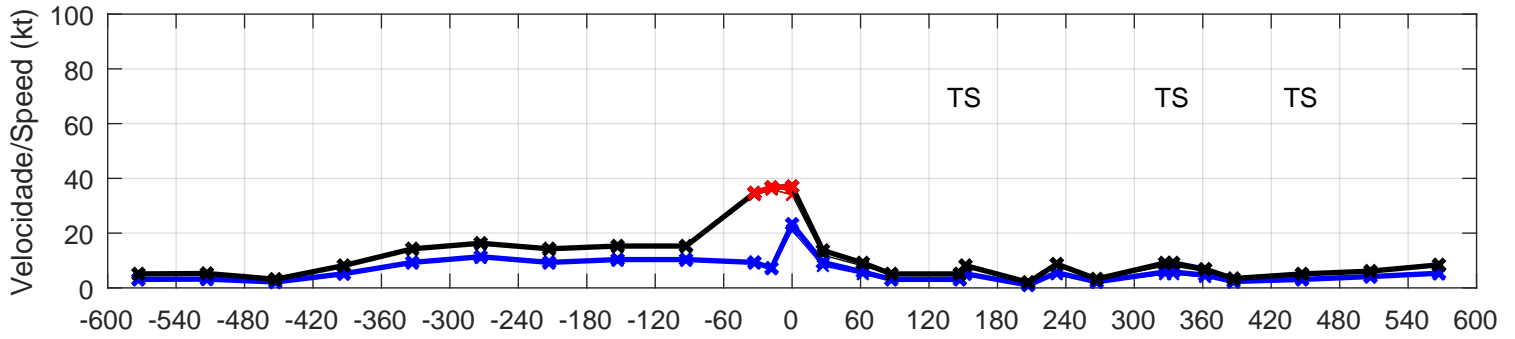
**SBGR-2/83778 EVENTO/EVENT 43 - 10/03/2017, 17:10 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 33 \text{ kt}$	$R_{-6} = 3.3$	$T_{med,3} = 30.9 \text{ }^\circ\text{C}$	$DIR = 200^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 15 \text{ kt}$	$R_{-3} = 3.2$	$\Delta T_{min,3} = -9.1 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 110^\circ$		NON-SYNOPTIC
$g_V = 2.2$	$R_{+3} = 2.7$	$\Delta Q_{max,3} = 2.3 \text{ hPa}$	$\Delta DIR_{max,+3} = 170^\circ$		(110)
$G_{cor} = 37.6 \text{ kt}$	$R_{+6} = 3.9$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 17.5 \text{ kt}$					



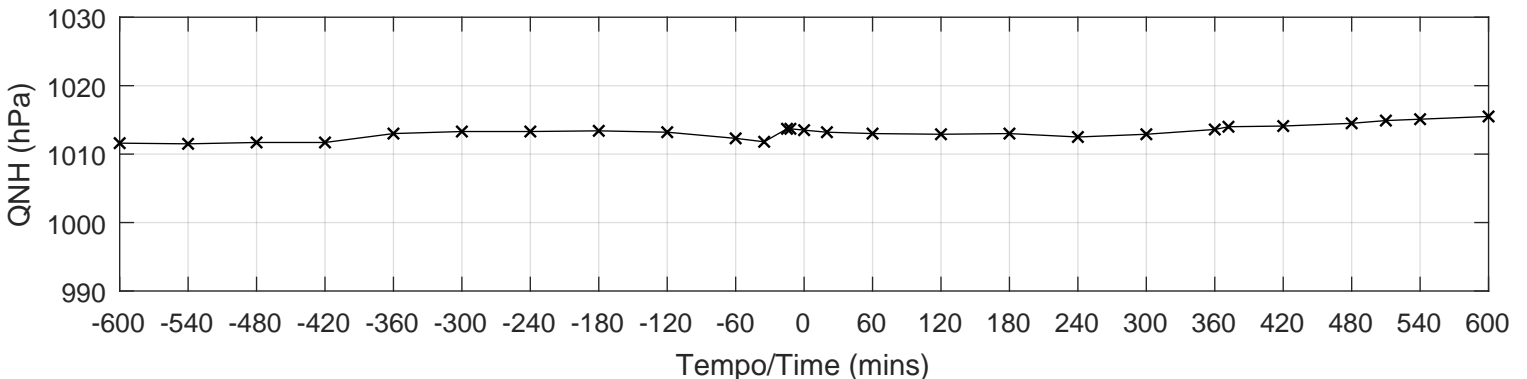
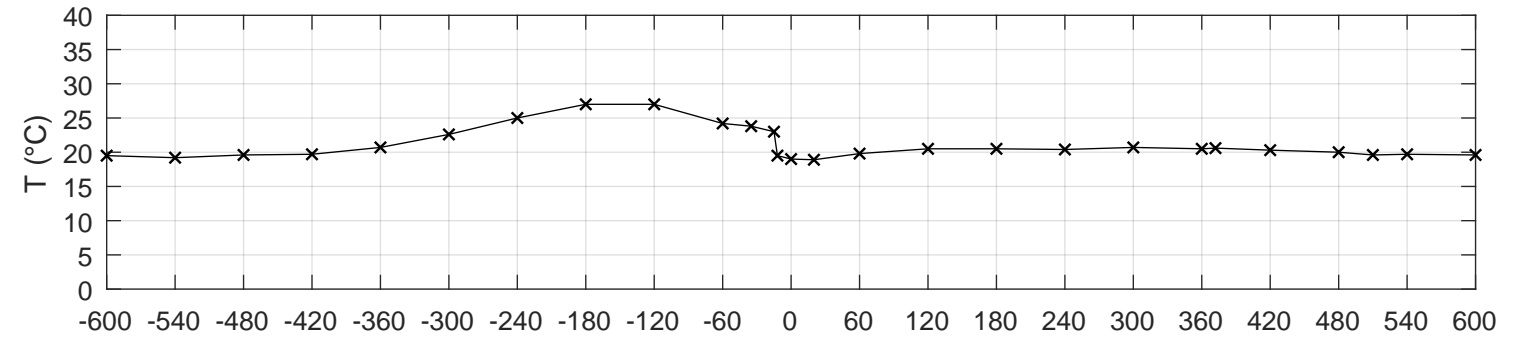
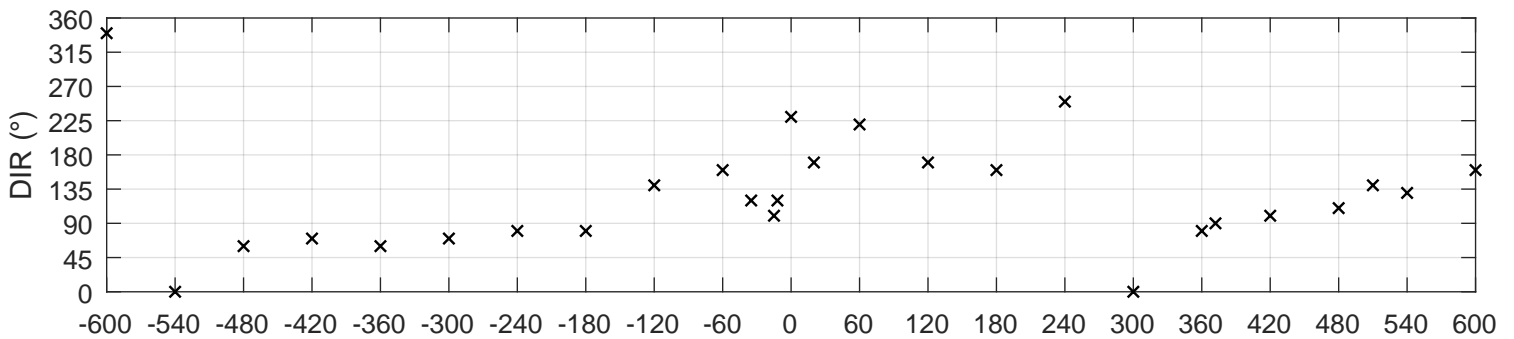
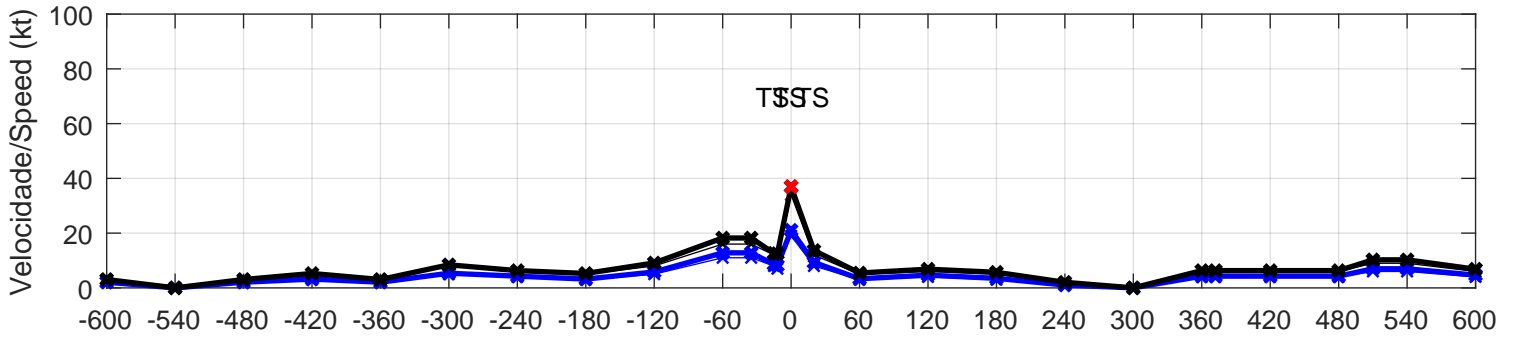
**SBGR-2/83778 EVENTO/EVENT 44 - 28/10/2005, 14:33 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 34 \text{ kt}$	$R_{-6} = 2.1$	$T_{med,3} = 31.1 \text{ }^\circ\text{C}$	$DIR = 230^\circ$	NÃO/NO	NÃO-SINÓTICO
$V_{obs} = 21 \text{ kt}$	$R_{-3} = 1.9$	$\Delta T_{min,3} = -11.4 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 80^\circ$		NON-SYNOPTIC
$g_V = 1.6$	$R_{+3} = 4.7$	$\Delta Q_{max,3} = 3.4 \text{ hPa}$	$\Delta DIR_{max,+3} = 80^\circ$		(111)
$G_{cor} = 37.0 \text{ kt}$	$R_{+6} = 5.5$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 23.3 \text{ kt}$					



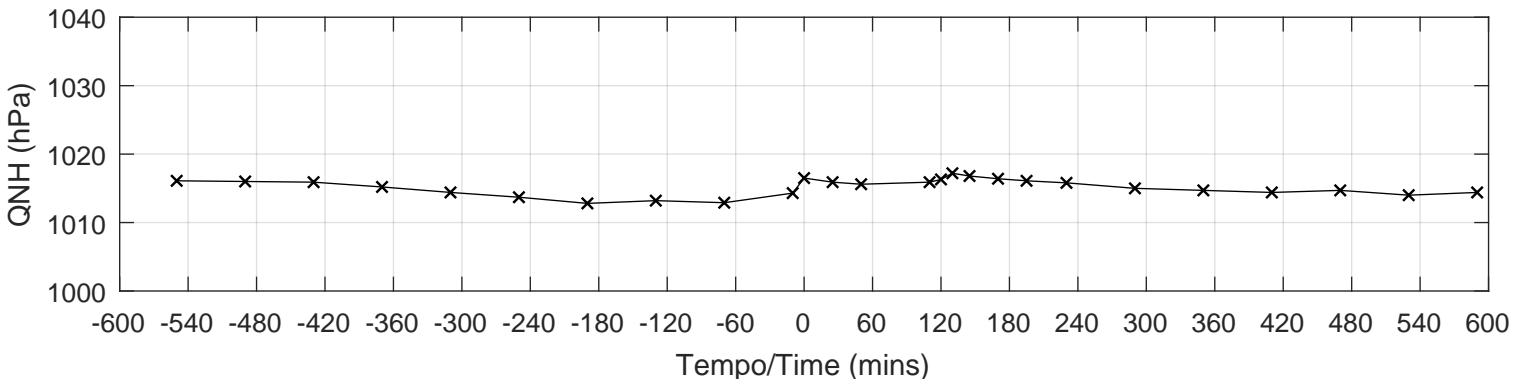
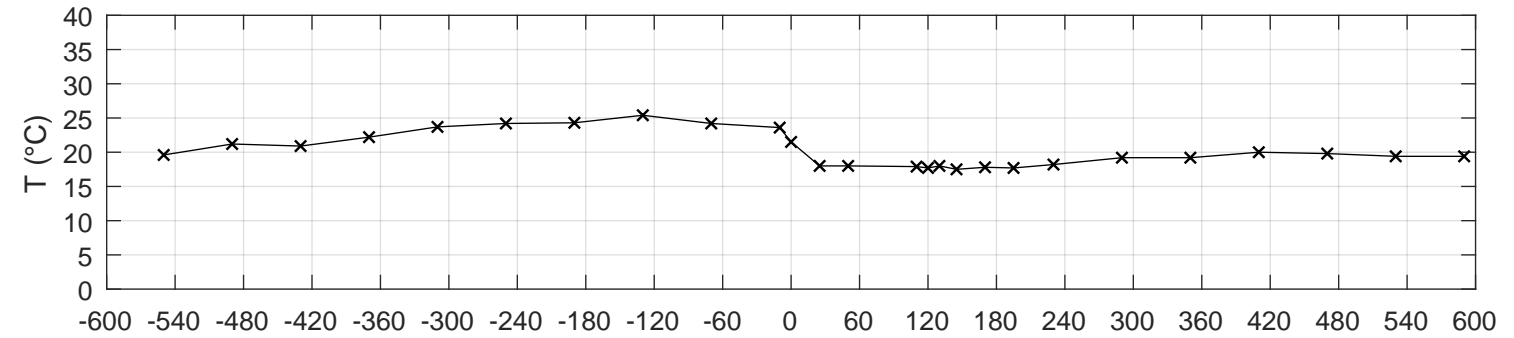
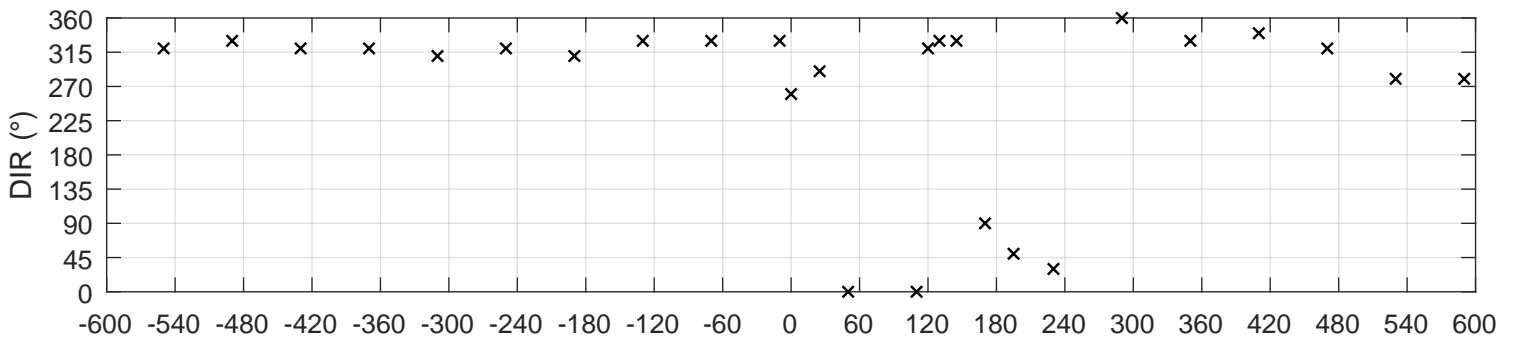
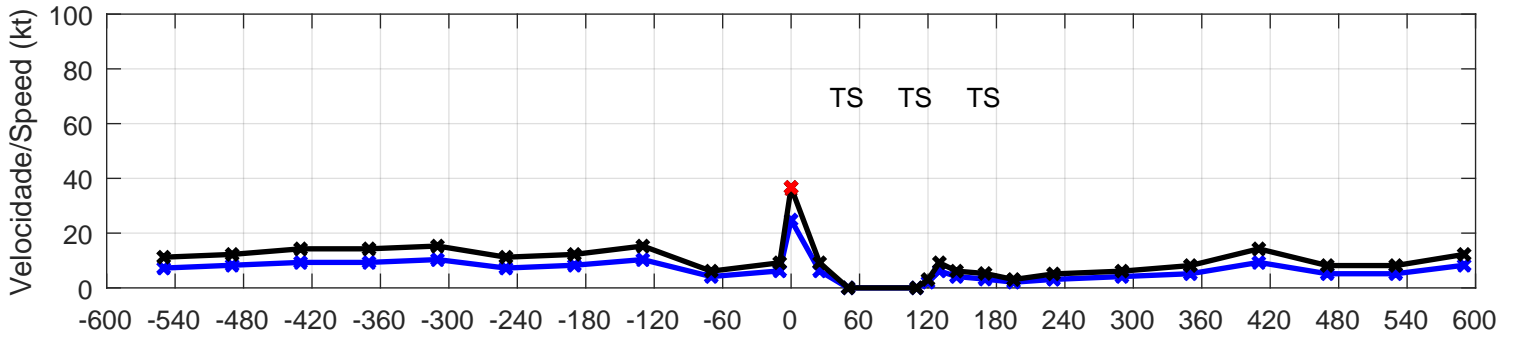
**SBGR-2/83778 EVENTO/EVENT 45 - 10/03/2006, 13:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 34$ kt	$R_{-6} = 4.6$	$T_{med,3} = 26.5$ °C	$DIR = 230^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 19$ kt	$R_{-3} = 3.7$	$\Delta T_{min,3} = -8.1$ °C	$\Delta DIR_{max,-3} = 150^\circ$		NON-SYNOPTIC
$g_V = 1.8$	$R_{+3} = 5.2$	$\Delta Q_{max,3} = 1.9$ hPa	$\Delta DIR_{max,+3} = 70^\circ$		(110)
$G_{cor} = 37.0$ kt	$R_{+6} = 7.3$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 21.1$ kt					



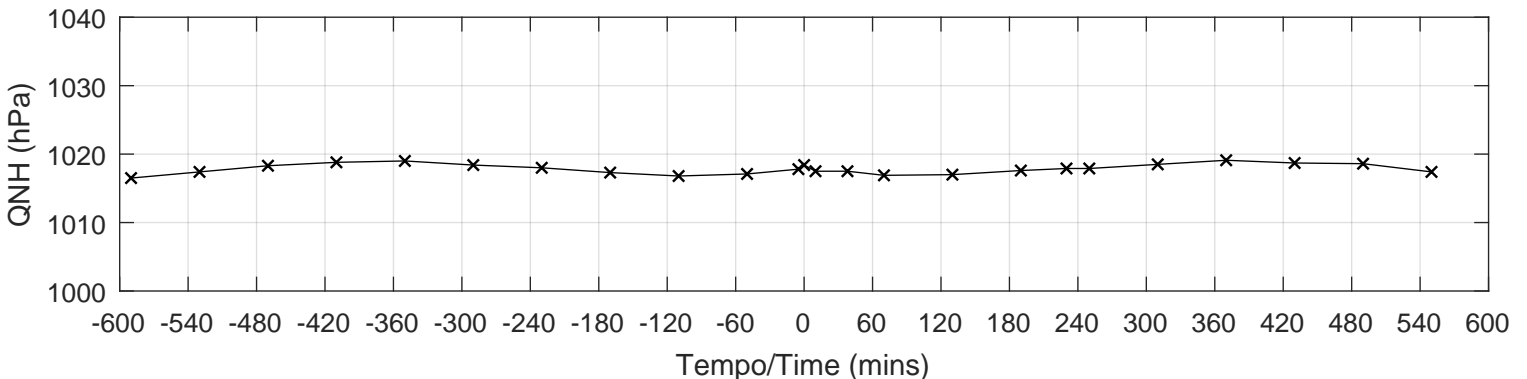
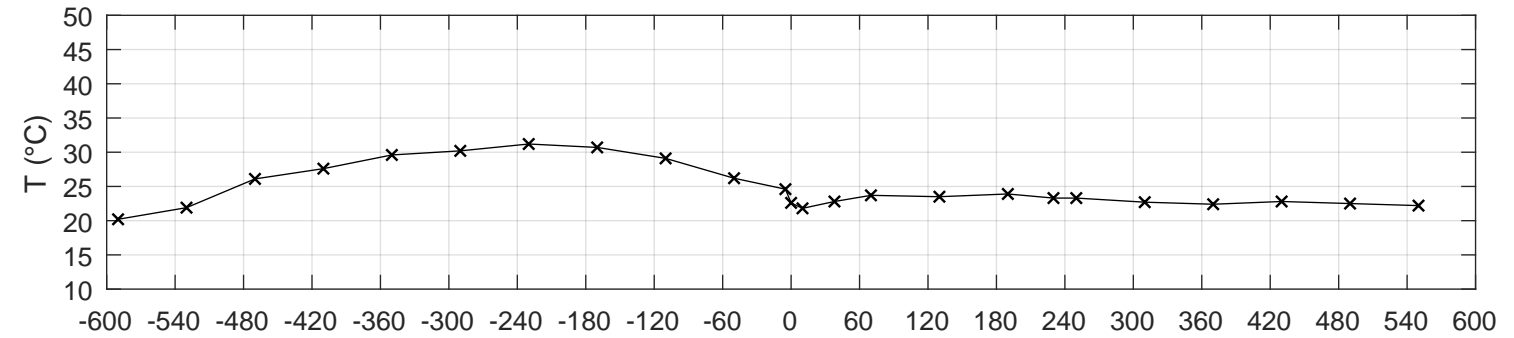
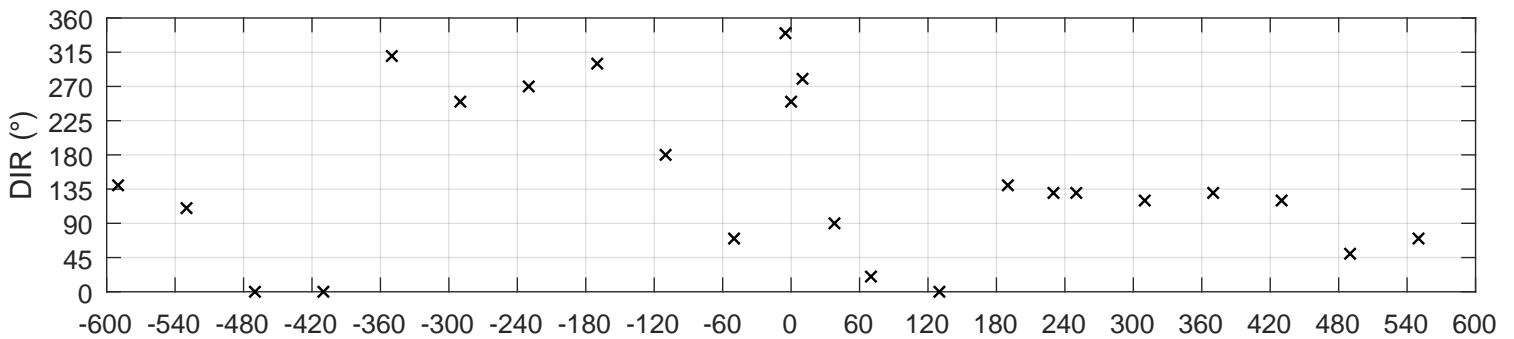
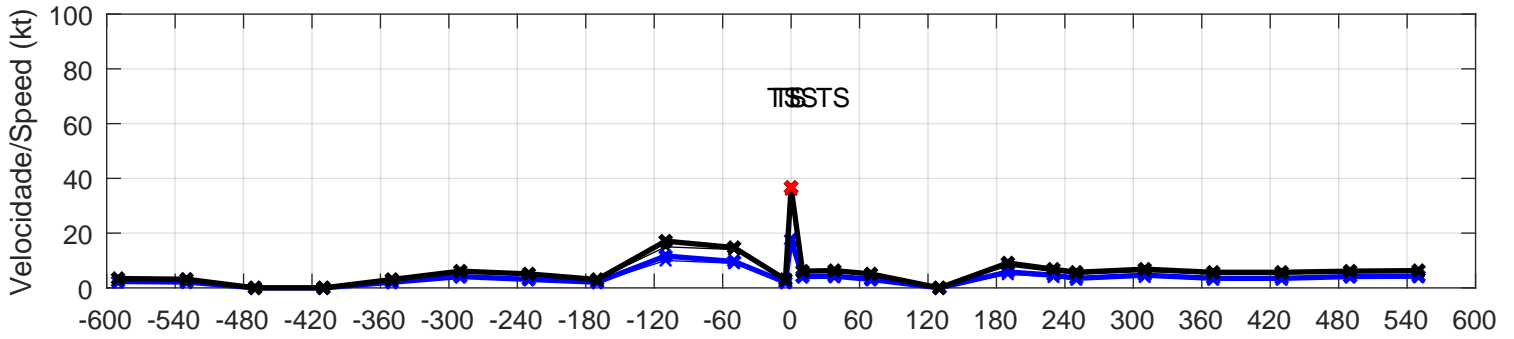
**SBGR-2/83778 EVENTO/EVENT 46 - 18/12/2005, 19:10 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 36 \text{ kt}$	$R_{-6} = 3.1$	$T_{med,3} = 24.8 \text{ }^\circ\text{C}$	$DIR = 260^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 24 \text{ kt}$	$R_{-3} = 3.5$	$\Delta T_{min,3} = -6.2 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 70^\circ$		NON-SYNOPTIC
$g_V = 1.5$	$R_{+3} = 9.2$	$\Delta Q_{max,3} = 3.6 \text{ hPa}$	$\Delta DIR_{max,+3} = 170^\circ$		(110)
$G_{cor} = 36.7 \text{ kt}$	$R_{+6} = 7.3$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 24.8 \text{ kt}$					



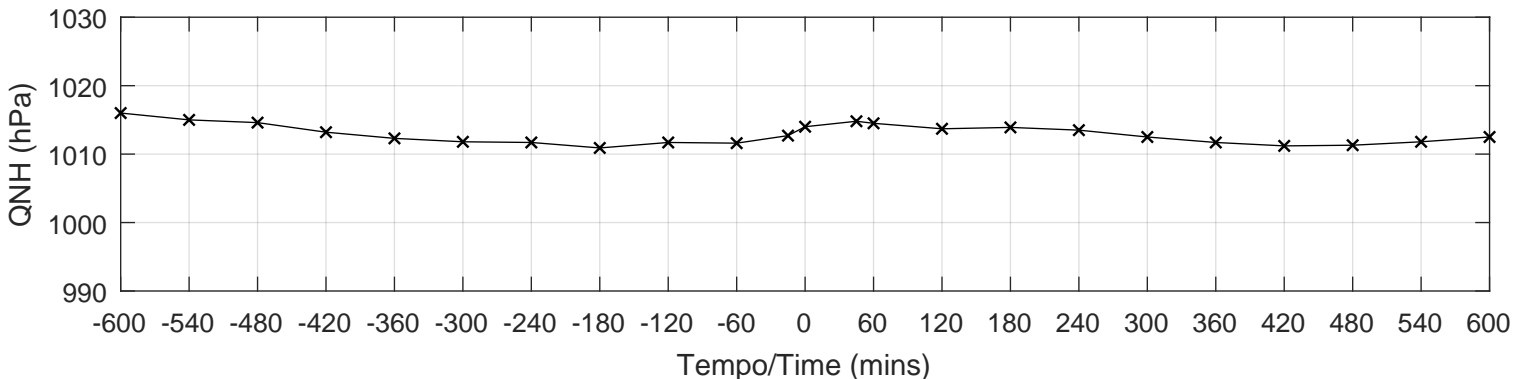
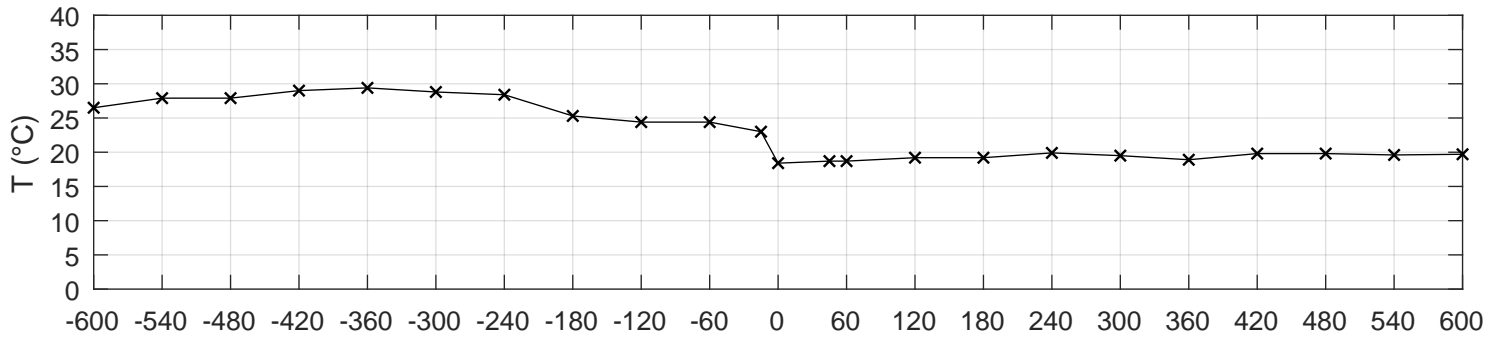
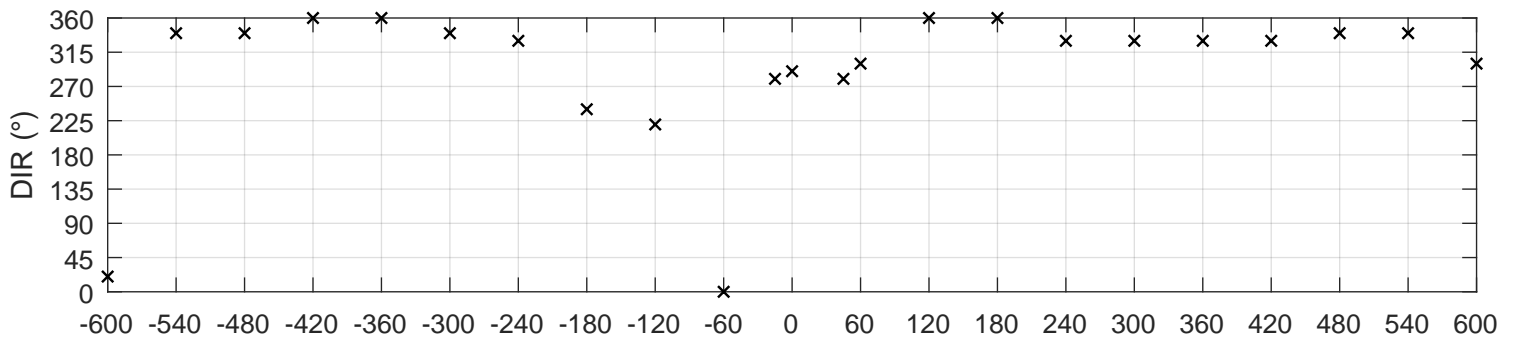
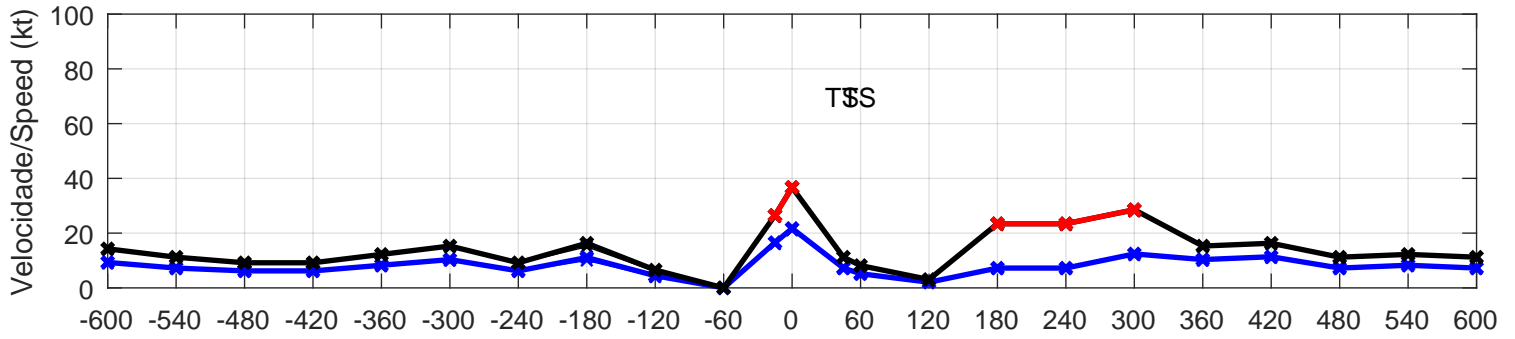
**SBGR-2/83778 EVENTO/EVENT 47 - 03/03/2009, 15:50 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 36 \text{ kt}$	$R_{-6} = 4.9$	$T_{med,3} = 29.9 \text{ }^\circ\text{C}$	$DIR = 250^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 17 \text{ kt}$	$R_{-3} = 3.5$	$\Delta T_{min,3} = -7.3 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 180^\circ$		NON-SYNOPTIC
$g_V = 2.1$	$R_{+3} = 9.8$	$\Delta Q_{max,3} = 1.6 \text{ hPa}$	$\Delta DIR_{max,+3} = 160^\circ$		(110)
$G_{cor} = 36.7 \text{ kt}$	$R_{+6} = 7.4$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 17.6 \text{ kt}$					



**SBGR-2/83778 EVENTO/EVENT 48 - 25/10/2011, 20:00 LOCAL (PAS31/2017)**

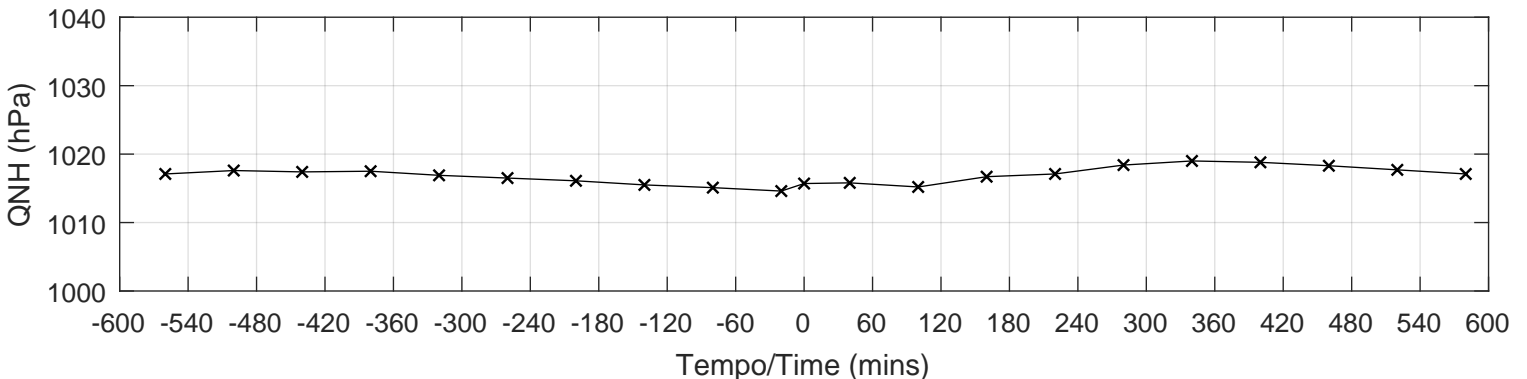
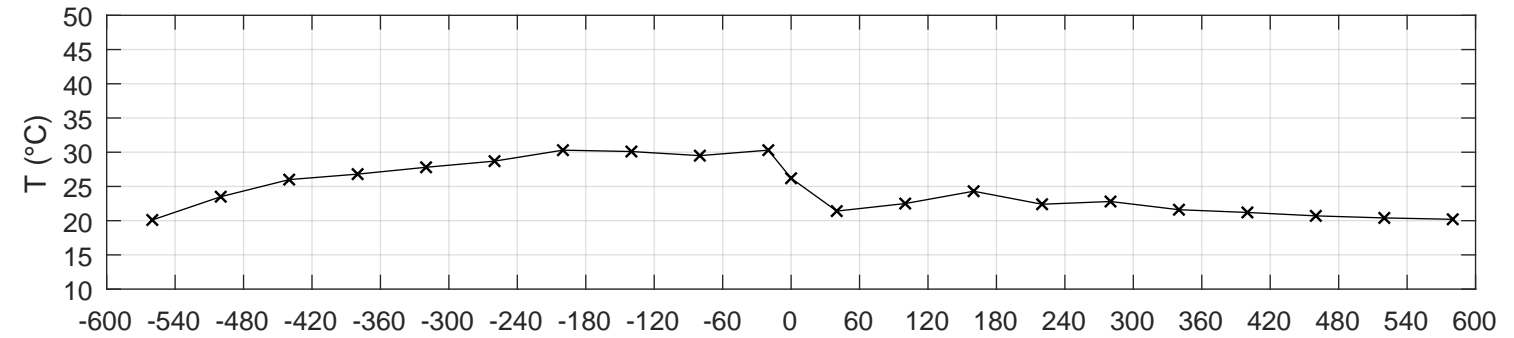
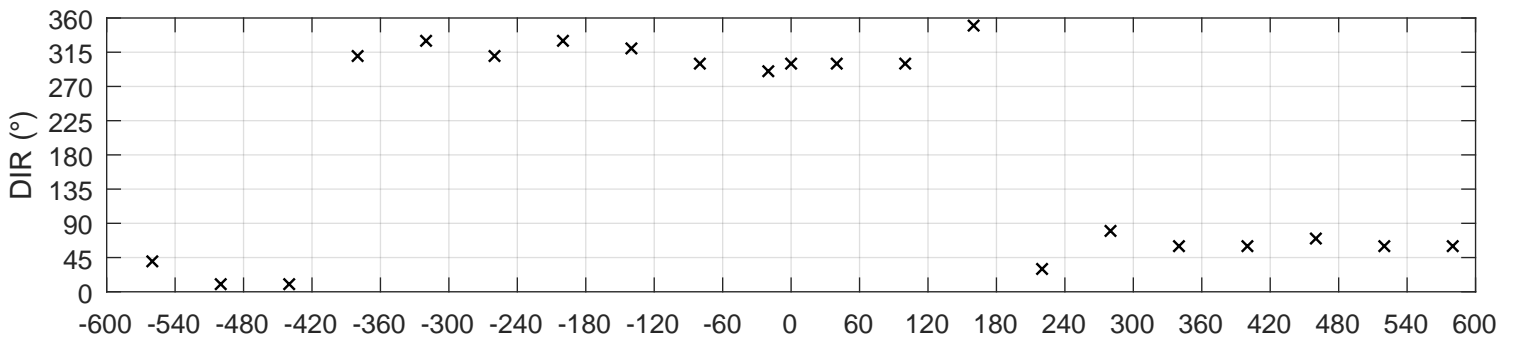
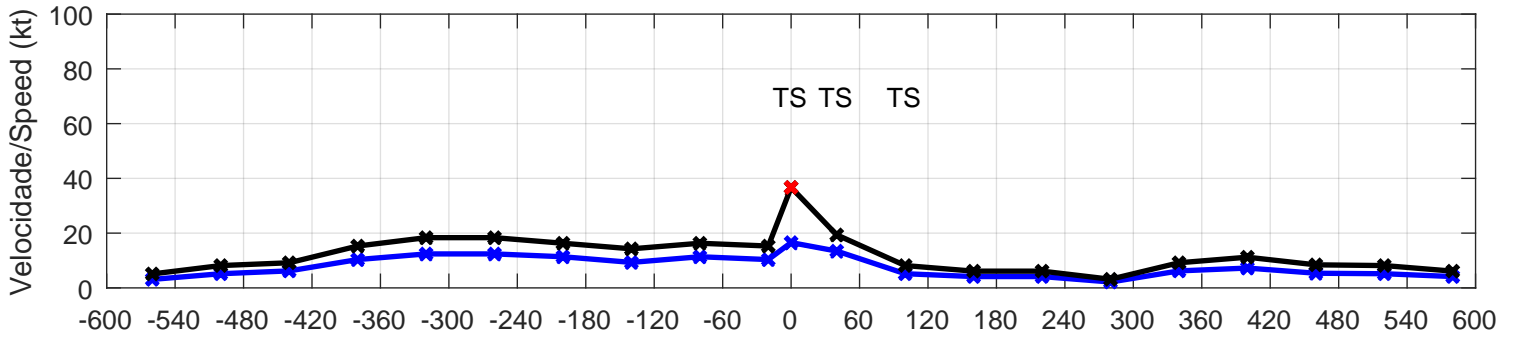
Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 36 \text{ kt}$	$R_{-6} = 3.4$	$T_{med,3} = 24.7 \text{ }^\circ\text{C}$	$DIR = 290^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 21 \text{ kt}$	$R_{-3} = 3.9$	$\Delta T_{min,3} = -6.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 70^\circ$		NON-SYNOPTIC
$g_V = 1.7$	$R_{+3} = 3.2$	$\Delta Q_{max,3} = 3.2 \text{ hPa}$	$\Delta DIR_{max,+3} = 70^\circ$		(110)
$G_{cor} = 36.7 \text{ kt}$	$R_{+6} = 2.2$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 21.7 \text{ kt}$					





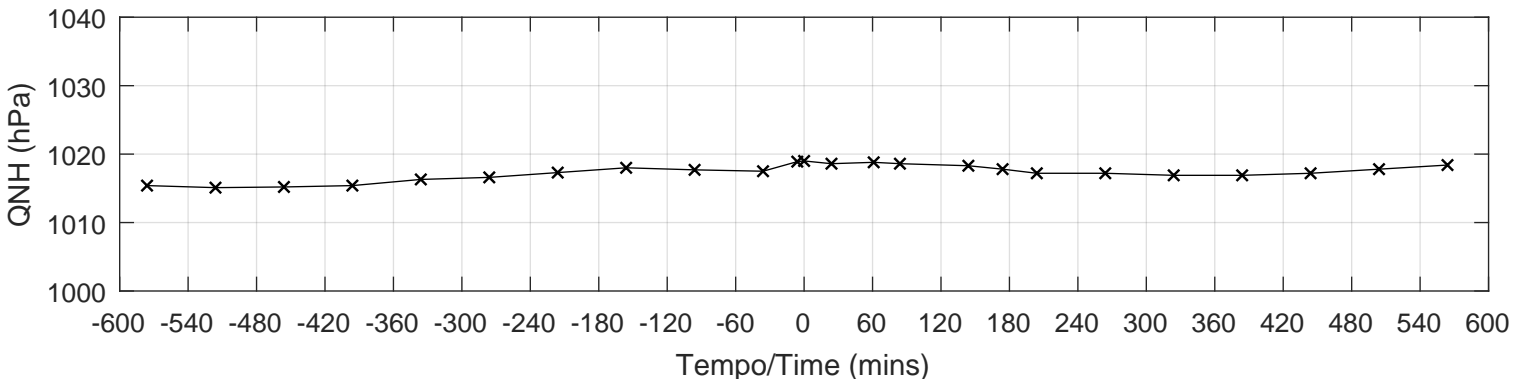
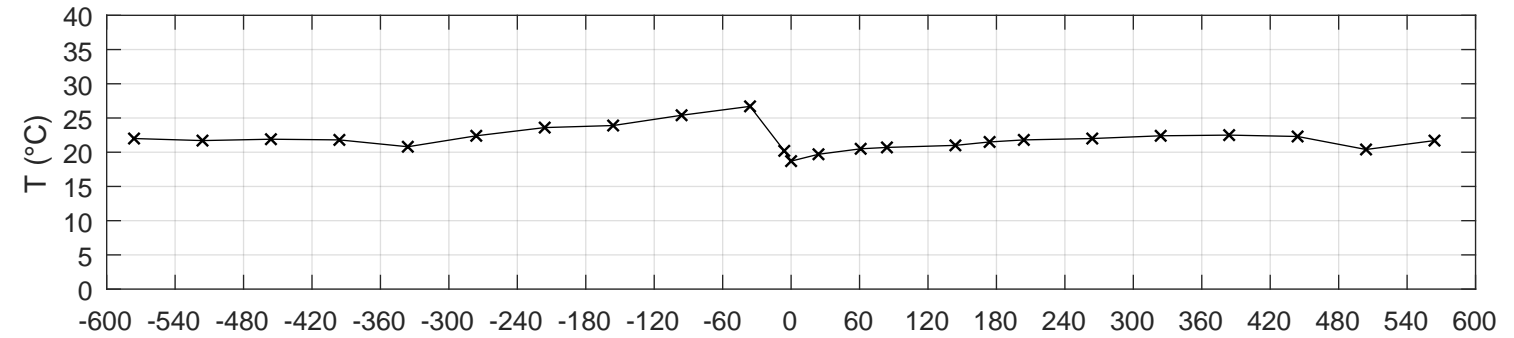
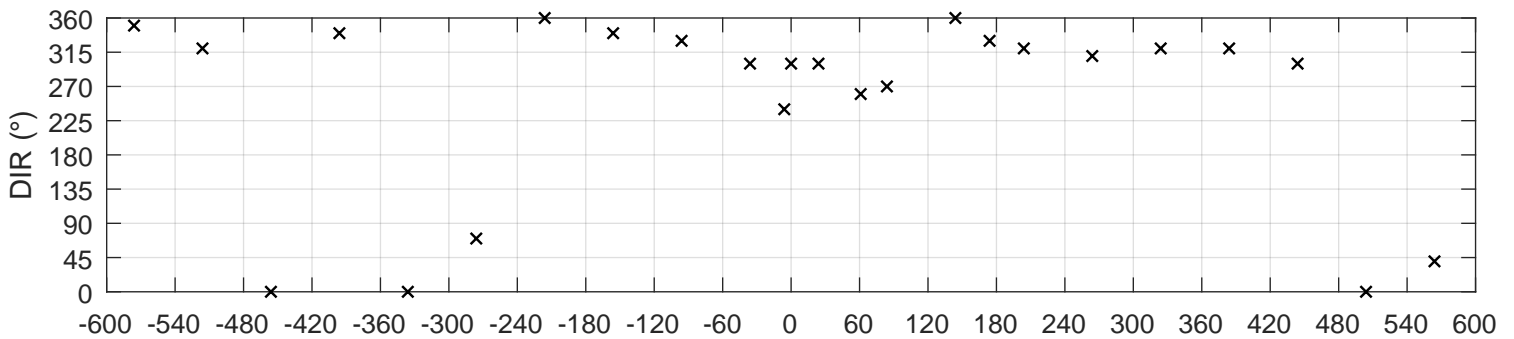
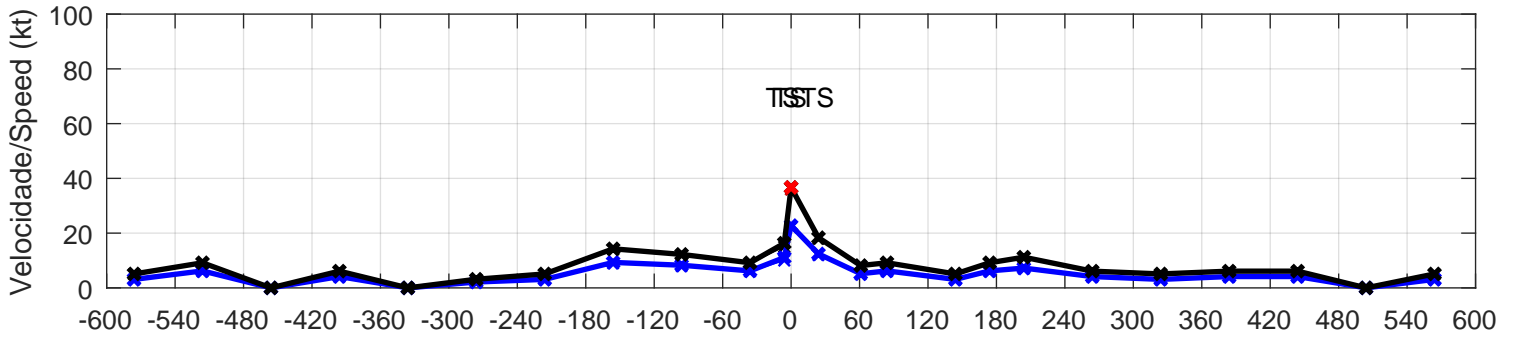
**SBGR-2/83778 EVENTO/EVENT 49 - 13/12/2015, 16:20 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 36 \text{ kt}$	$R_{-6} = 2.2$	$T_{med,3} = 29.8 \text{ }^\circ\text{C}$	$DIR = 300^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 16 \text{ kt}$	$R_{-3} = 2.4$	$\Delta T_{min,3} = -8.9 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 20^\circ$		NON-SYNOPTIC
$g_V = 2.3$	$R_{+3} = 3.3$	$\Delta Q_{max,3} = 1.2 \text{ hPa}$	$\Delta DIR_{max,+3} = 50^\circ$		(110)
$G_{cor} = 36.7 \text{ kt}$	$R_{+6} = 4.2$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 16.5 \text{ kt}$					



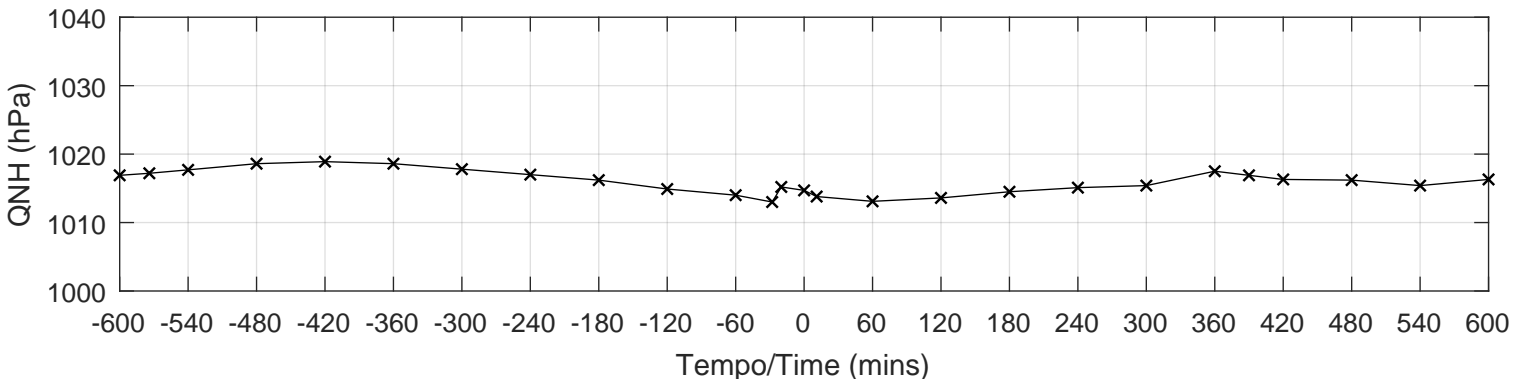
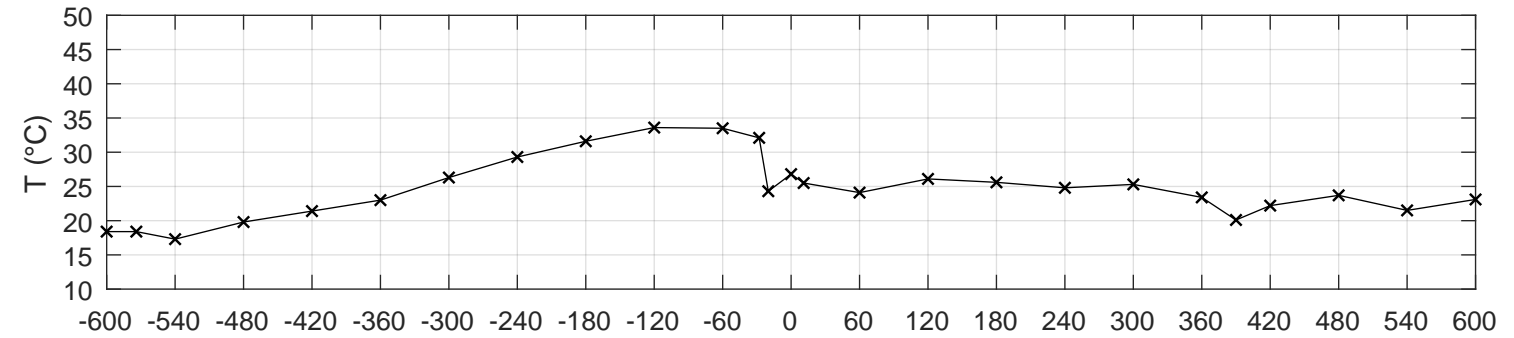
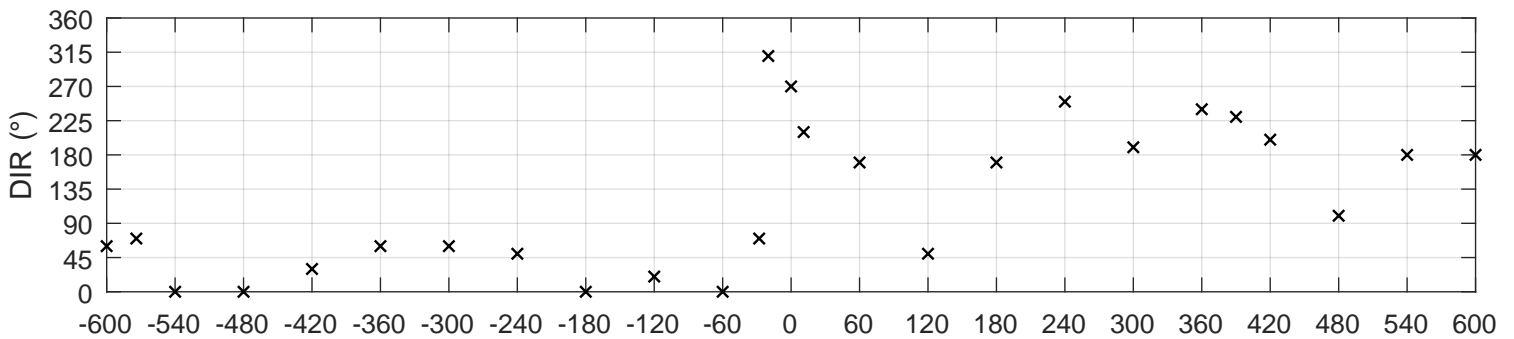
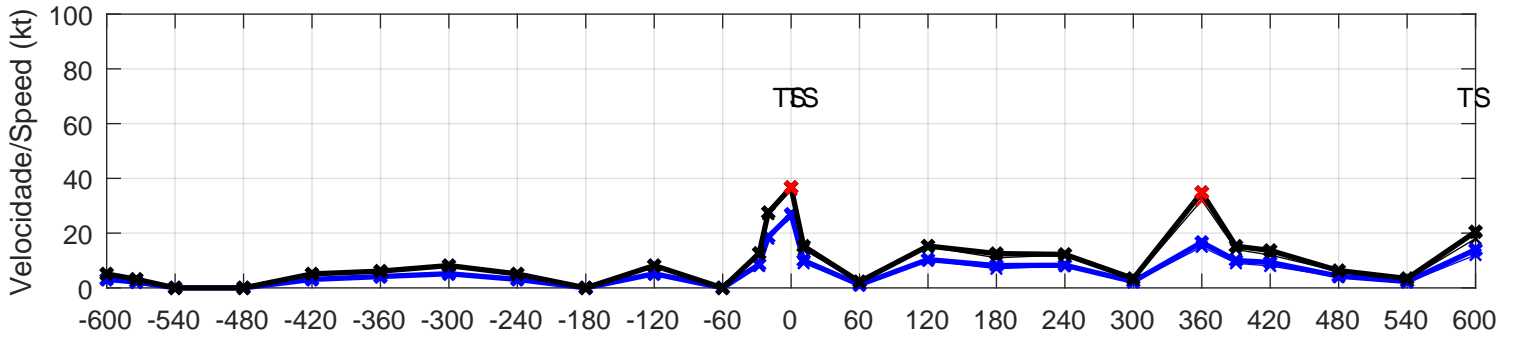
**SBGR-2/83778 EVENTO/EVENT 50 - 26/01/2017, 11:36 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 36 \text{ kt}$	$R_{-6} = 5.0$	$T_{med,3} = 24.6 \text{ }^\circ\text{C}$	$DIR = 300^\circ$	SIM/YES	NÃO-SINÓTICO
$V_{obs} = 22 \text{ kt}$	$R_{-3} = 2.9$	$\Delta T_{min,3} = -8.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 60^\circ$		NON-SYNOPTIC
$g_V = 1.6$	$R_{+3} = 3.6$	$\Delta Q_{max,3} = 1.5 \text{ hPa}$	$\Delta DIR_{max,+3} = 60^\circ$		(110)
$G_{cor} = 36.7 \text{ kt}$	$R_{+6} = 4.1$	$\Delta \text{ Grupo/Group} = 1$			
$V_{cor} = 22.7 \text{ kt}$					



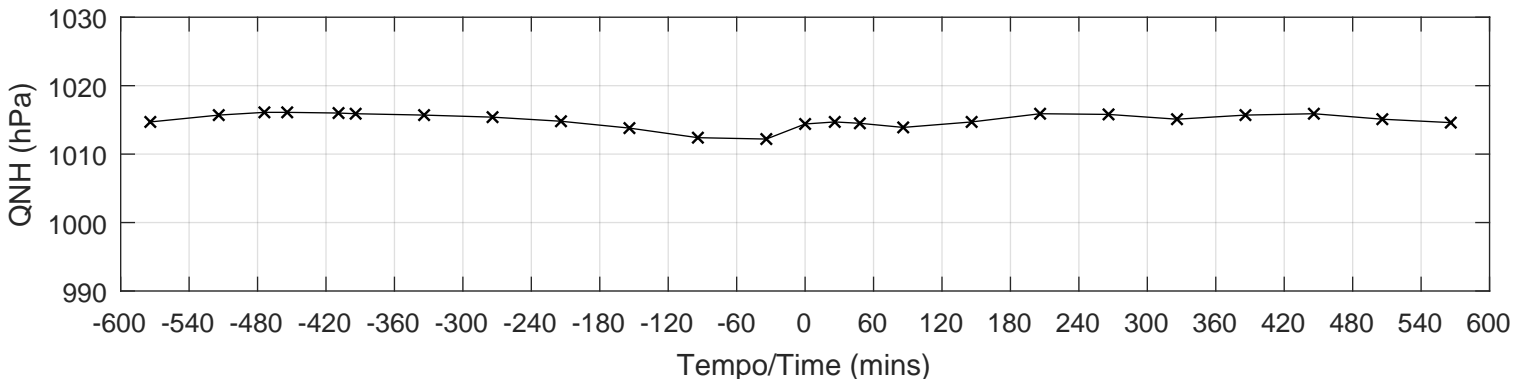
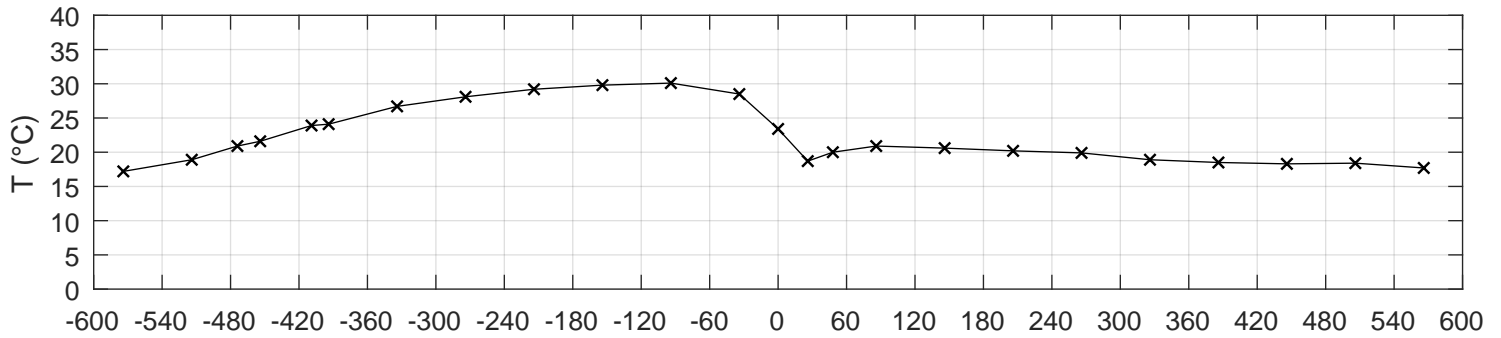
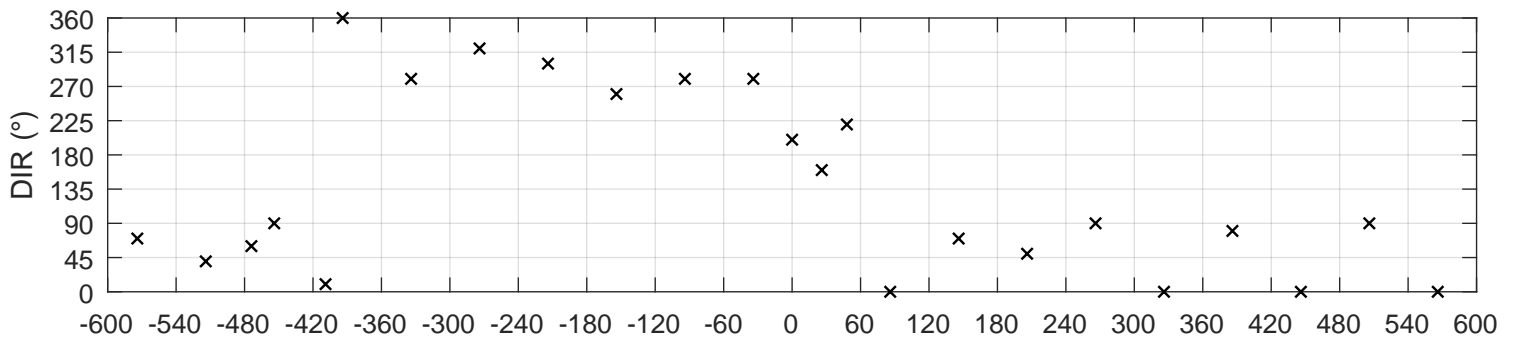
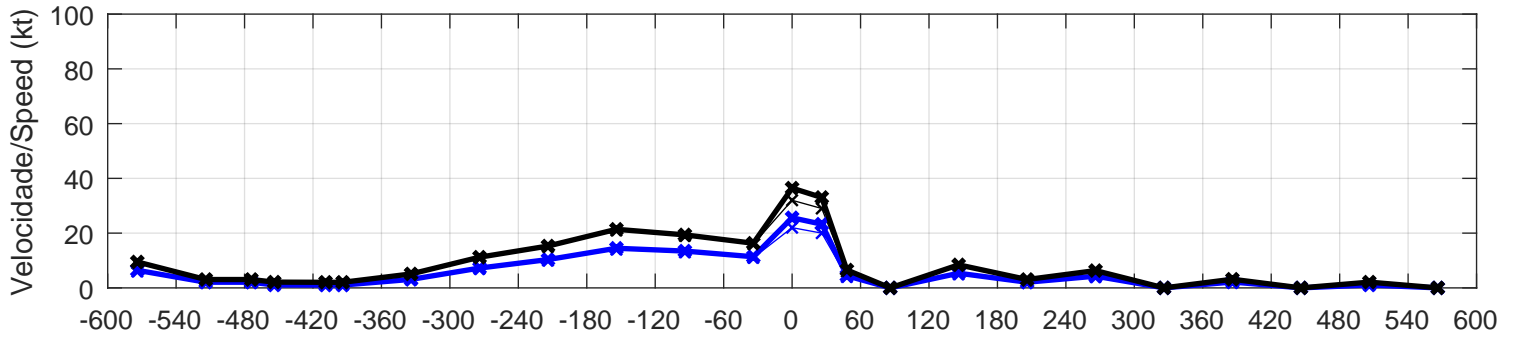
**SBGR-2/83778 EVENTO/EVENT 51 - 13/10/2017, 15:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press. $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 36 \text{ kt}$	$R_{-6} = 5.7$	$T_{med,3} = 32.8 \text{ }^\circ\text{C}$	DIR = 270°	NÃO-SINÓTICO
$V_{obs} = 26 \text{ kt}$	$R_{-3} = 5.8$	$\Delta T_{min,3} = -9.5 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 160^\circ$	NON-SYNOPTIC
$g_V = 1.4$	$R_{+3} = 3.5$	$\Delta Q_{max,3} = 2.2 \text{ hPa}$	$\Delta DIR_{max,+3} = 140^\circ$	(110)
$G_{cor} = 36.7 \text{ kt}$	$R_{+6} = 3.2$	$\Delta \text{ Grupo/Group} = 1$		
$V_{cor} = 26.9 \text{ kt}$				



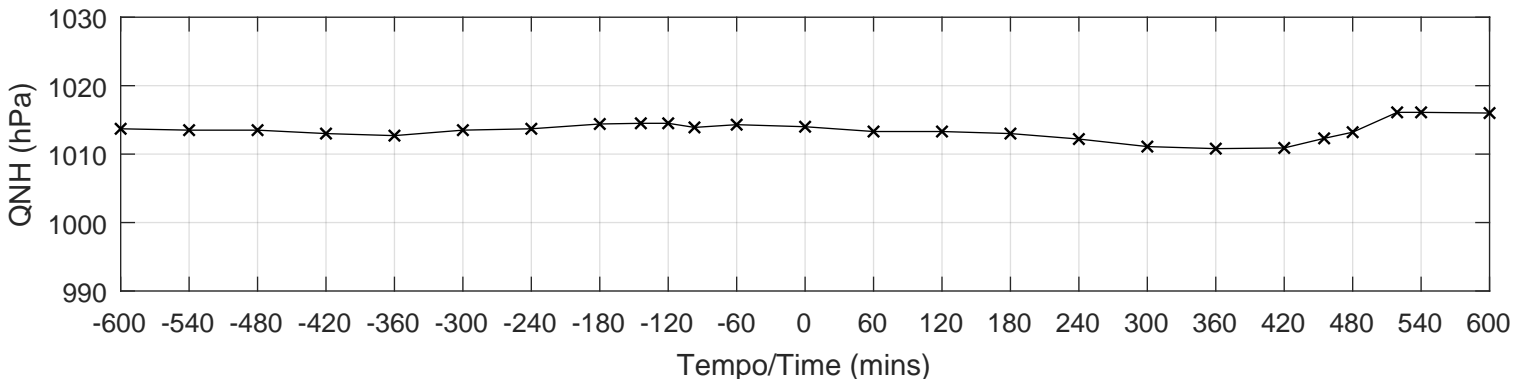
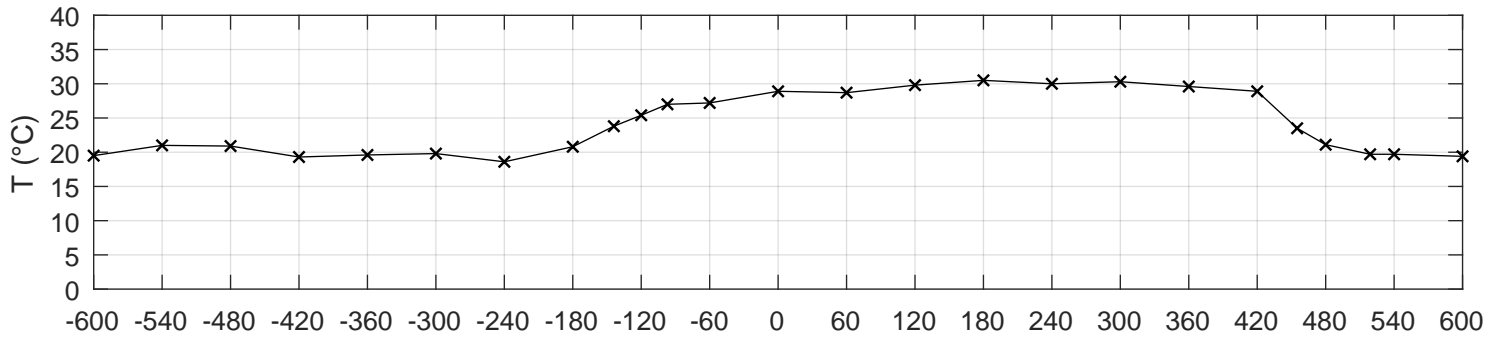
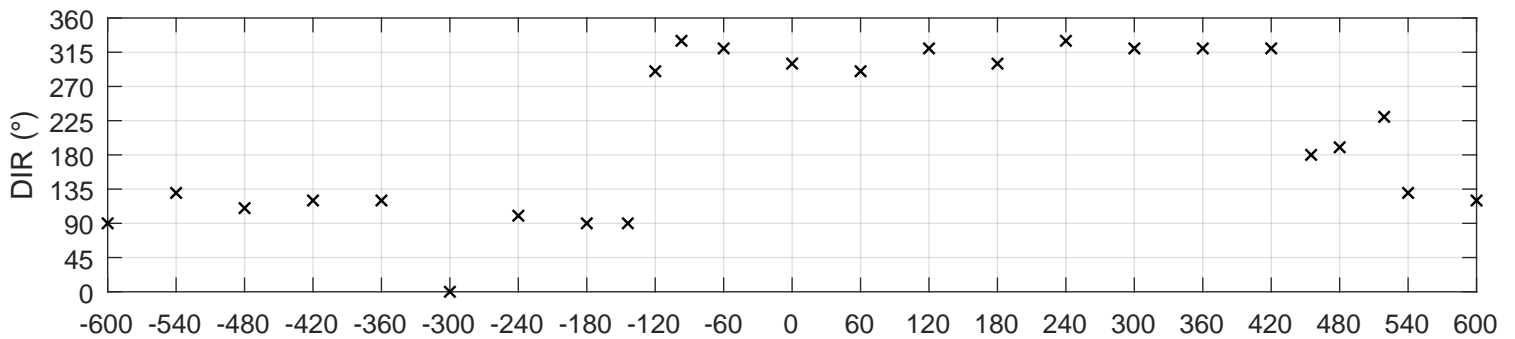
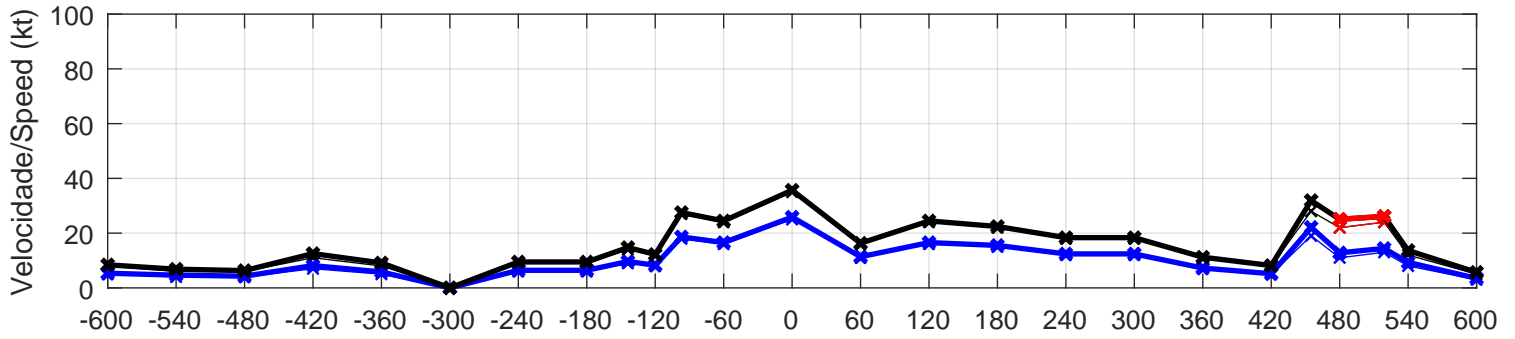
**SBGR-2/83778 EVENTO/EVENT 52 - 16/11/2002, 15:34 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 32$ kt	$R_{-6} = 2.2$	$T_{med,3} = 29.9$ °C	$DIR = 200^\circ$	NÃO/NO	NÃO-SINÓTICO
$V_{obs} = 22$ kt	$R_{-3} = 1.7$	$\Delta T_{min,3} = -11.4$ °C	$\Delta DIR_{max,-3} = 80^\circ$		NON-SYNOPTIC
$g_V = []$	$R_{+3} = 4.3$	$\Delta Q_{max,3} = 2.5$ hPa	$\Delta DIR_{max,+3} = 130^\circ$		(122)
$G_{cor} = 36.4$ kt	$R_{+6} = 6.1$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 25.6$ kt					



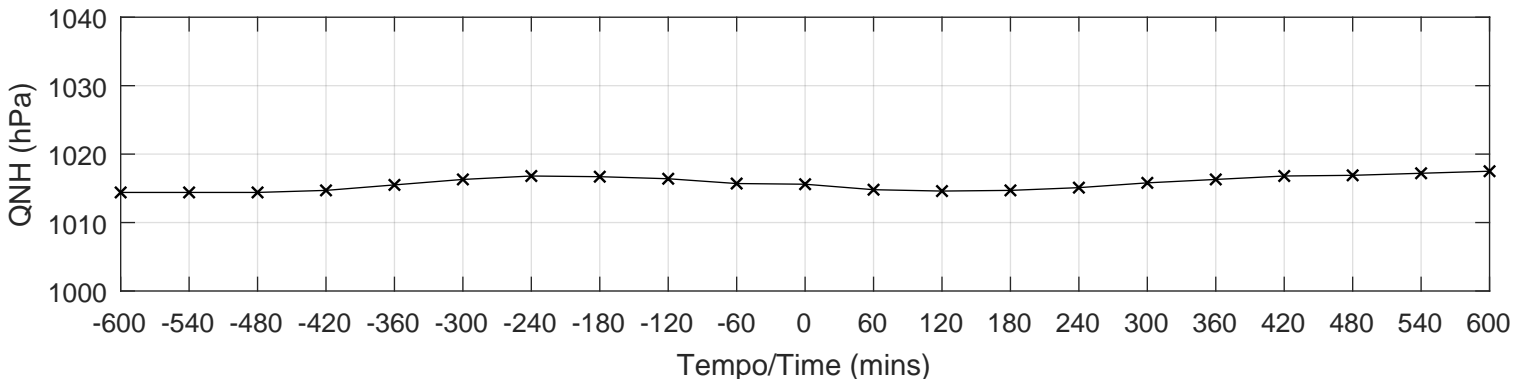
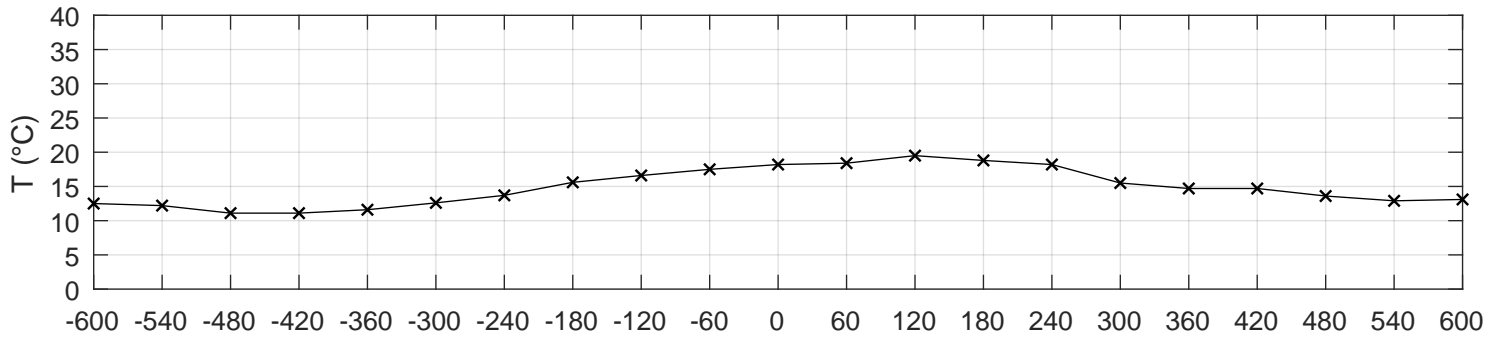
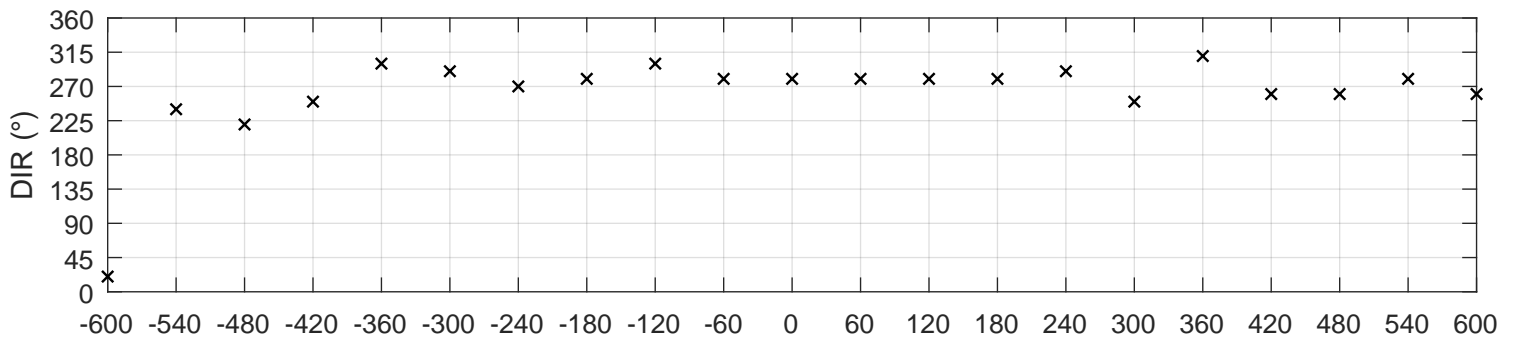
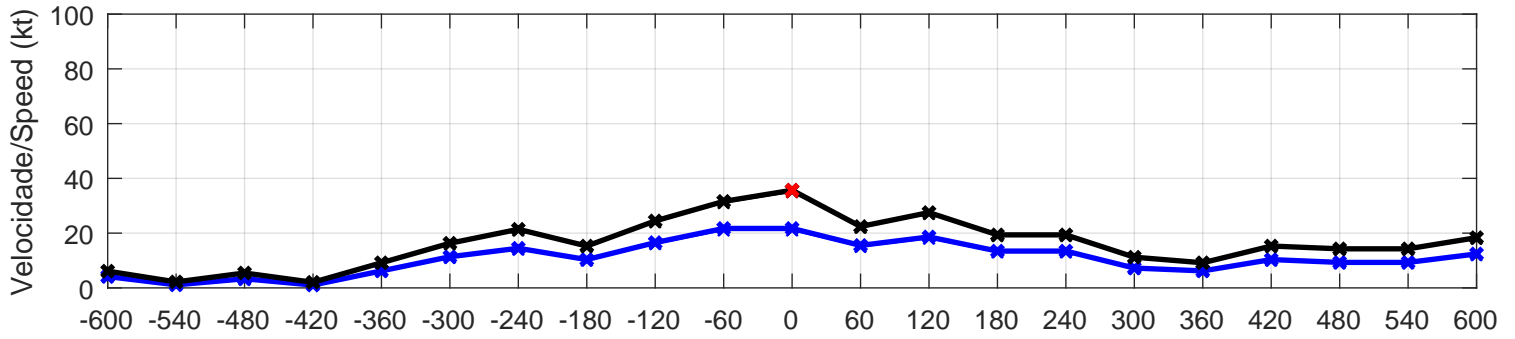
**SBGR-2/83778 EVENTO/EVENT 56 - 10/11/2002, 10:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 35$ kt	$R_{-6} = 2.9$	$T_{med,3} = 25.2$ °C	$DIR = 300^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 25$ kt	$R_{-3} = 1.9$	$\Delta T_{min,3} = 0.0$ °C	$\Delta DIR_{max,-3} = 150^\circ$		SYNOPTIC
$g_V = []$	$R_{+3} = 1.7$	$\Delta Q_{max,3} = 0.0$ hPa	$\Delta DIR_{max,+3} = 20^\circ$		(226)
$G_{cor} = 35.7$ kt	$R_{+6} = 1.9$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 25.9$ kt					



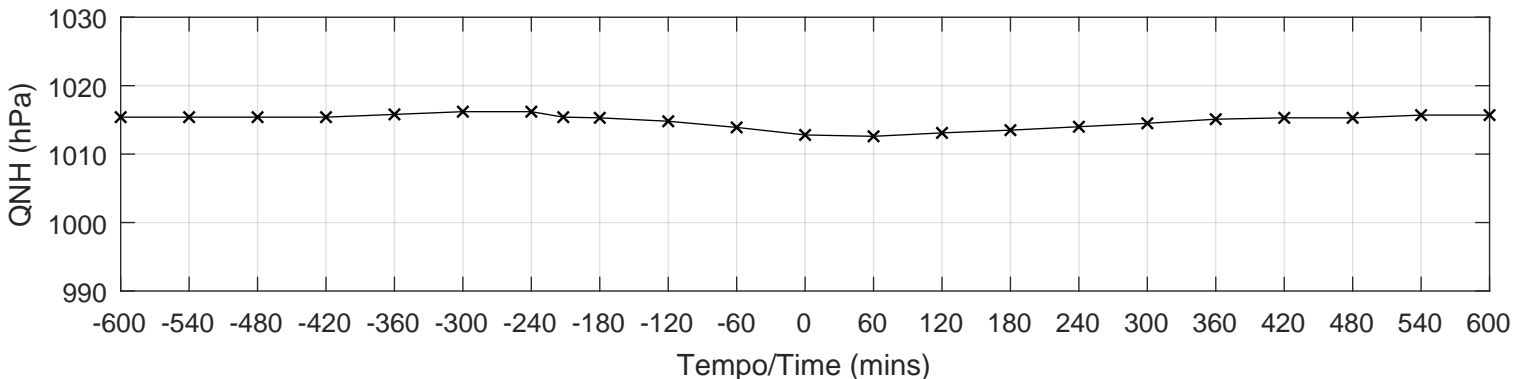
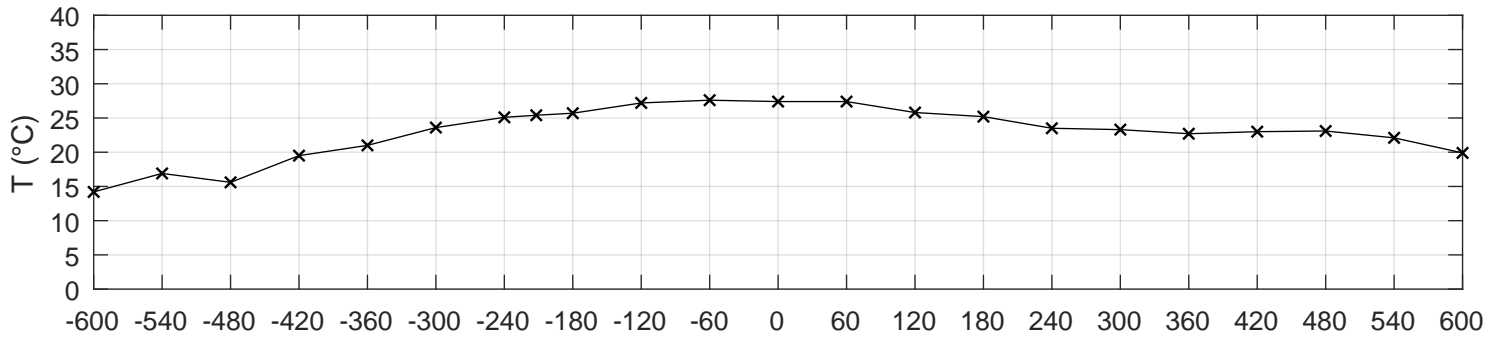
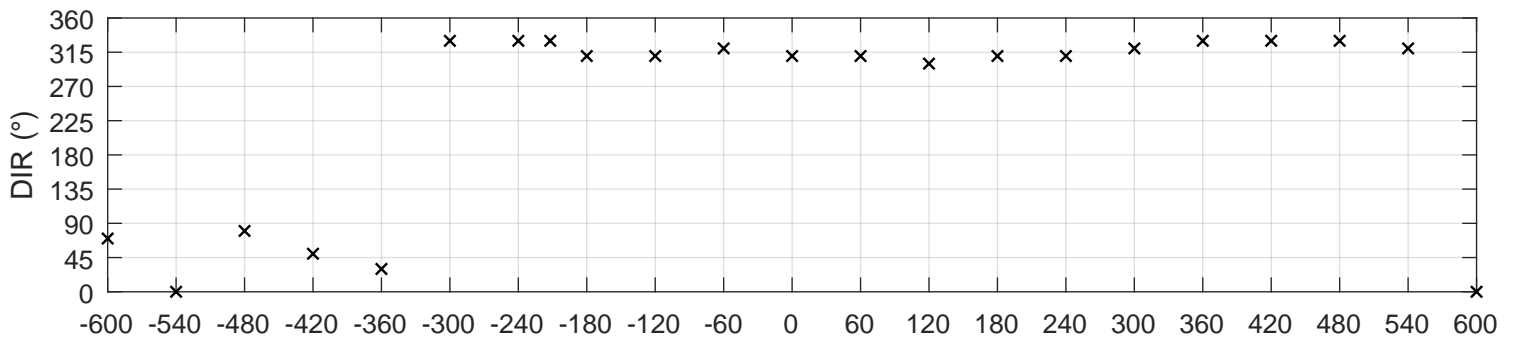
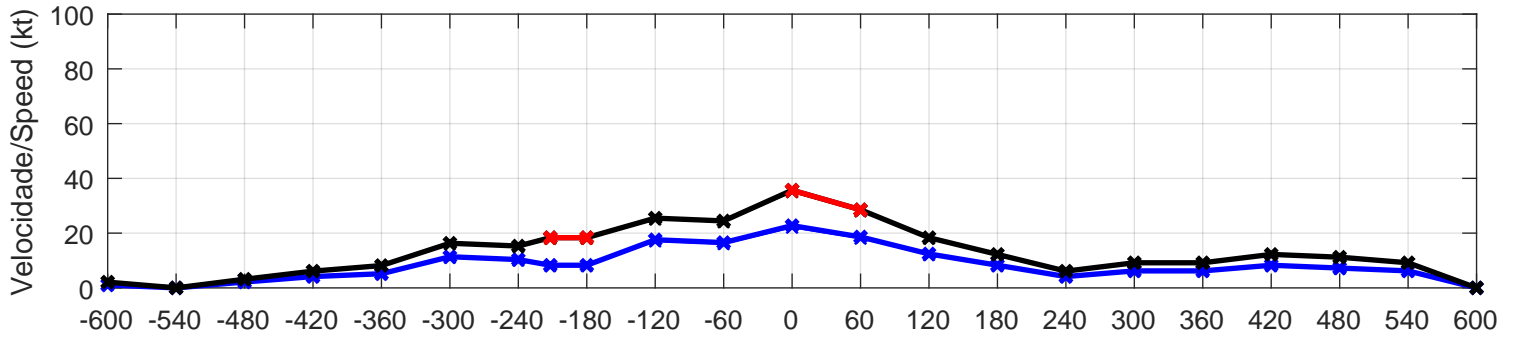
**SBGR-2/83778 EVENTO/EVENT 58 - 07/05/2003, 13:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 35 \text{ kt}$	$R_{-6} = 1.8$	$T_{med,3} = 16.6 \text{ }^\circ\text{C}$	$DIR = 280^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 21 \text{ kt}$	$R_{-3} = 1.5$	$\Delta T_{min,3} = 0.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 20^\circ$		SYNOPTIC
$g_V = 1.7$	$R_{+3} = 1.5$	$\Delta Q_{max,3} = 0.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 0^\circ$		(215)
$G_{cor} = 35.7 \text{ kt}$	$R_{+6} = 2.0$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 21.7 \text{ kt}$					



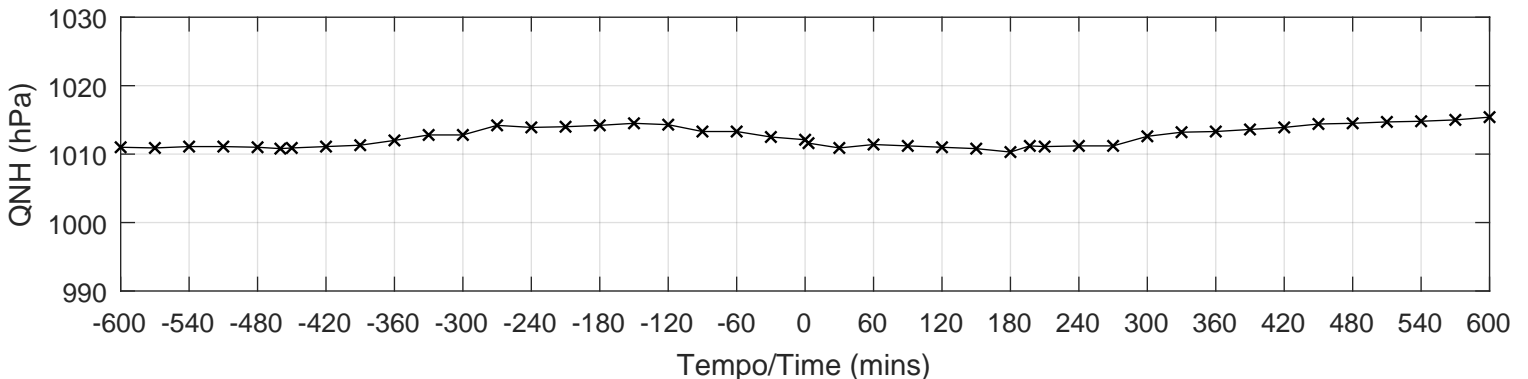
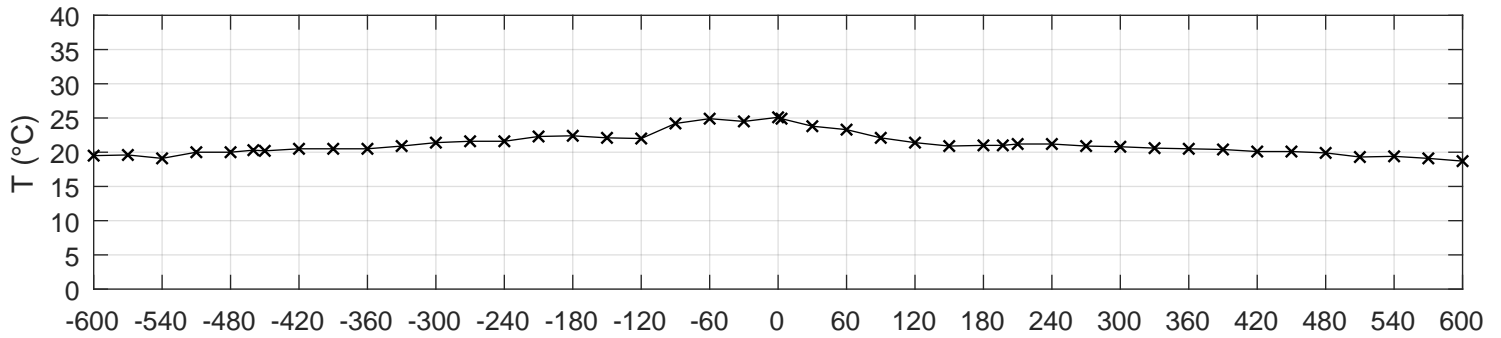
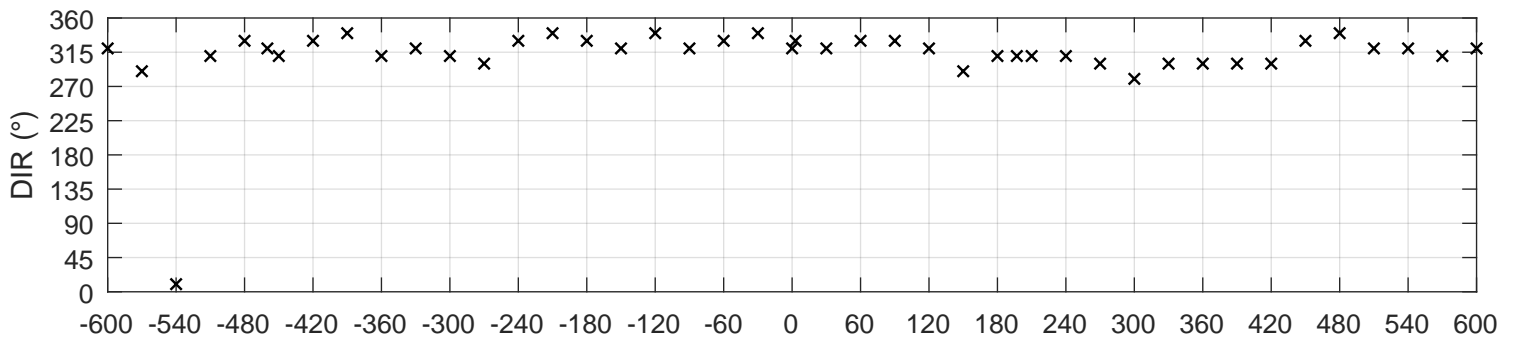
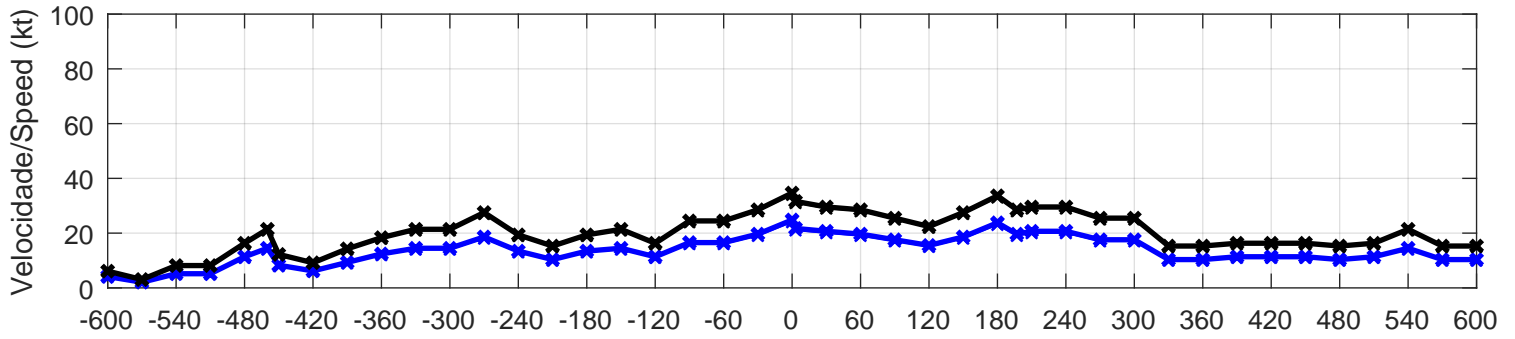
**SBGR-2/83778 EVENTO/EVENT 65 - 14/06/2015, 14:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 35 \text{ kt}$	$R_{-6} = 2.0$	$T_{med,3} = 26.8 \text{ }^\circ\text{C}$	$DIR = 310^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 22 \text{ kt}$	$R_{-3} = 1.6$	$\Delta T_{min,3} = 0.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 10^\circ$		SYNOPTIC
$g_V = 1.6$	$R_{+3} = 1.8$	$\Delta Q_{max,3} = 0.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 10^\circ$		(214)
$G_{cor} = 35.7 \text{ kt}$	$R_{+6} = 2.6$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 22.7 \text{ kt}$					



**SBGR-2/83778 EVENTO/EVENT 72 - 02/10/2001, 13:00 LOCAL (PAS31/2017)**

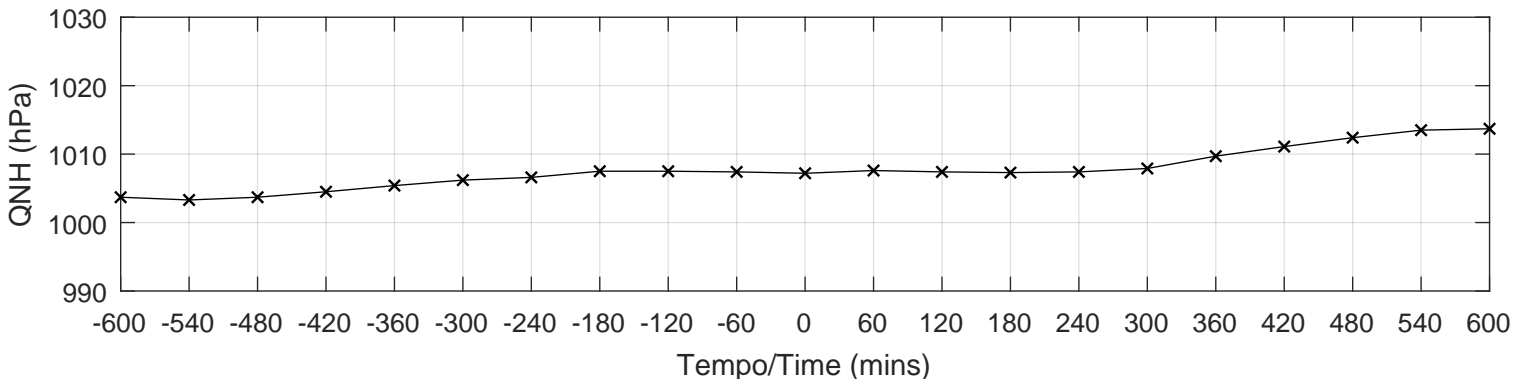
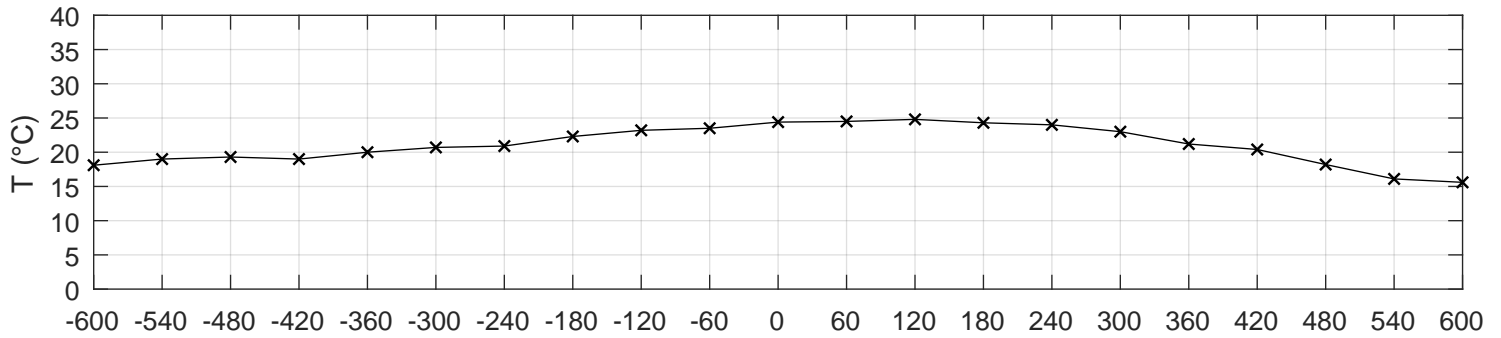
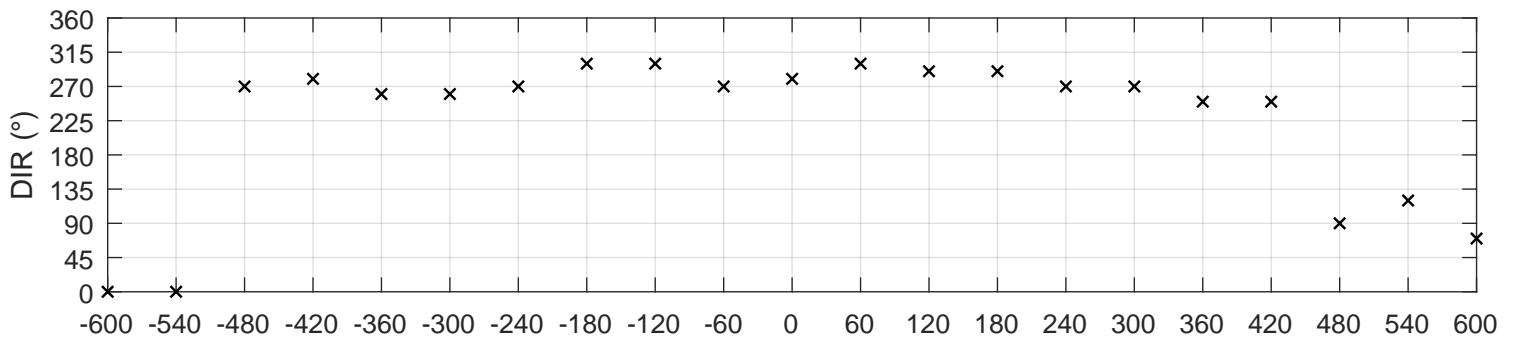
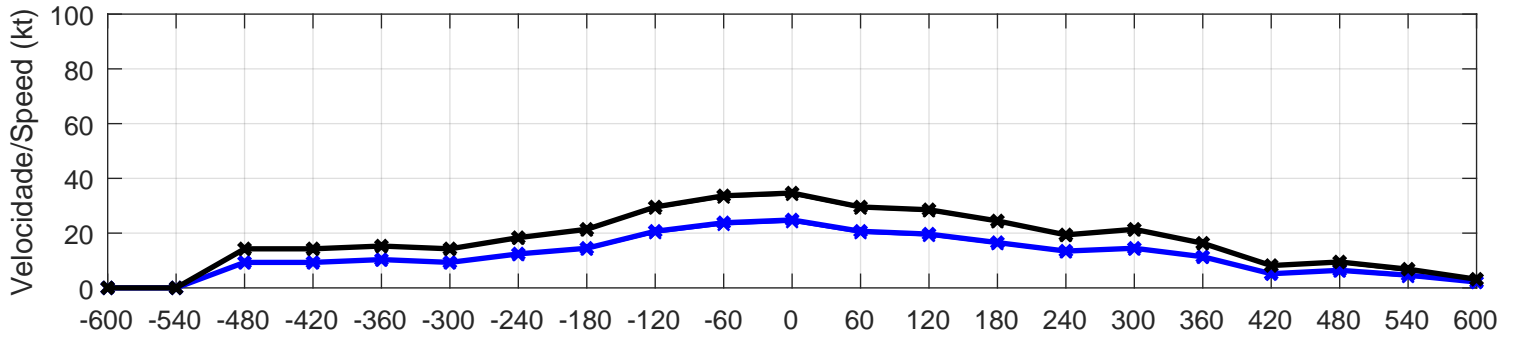
Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 34$ kt	$R_{-6} = 1.6$	$T_{med,3} = 23.1$ °C	$DIR = 320^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 24$ kt	$R_{-3} = 1.5$	$\Delta T_{min,3} = 0.0$ °C	$\Delta DIR_{max,-3} = 20^\circ$		SYNOPTIC
$g_V = []$	$R_{+3} = 1.2$	$\Delta Q_{max,3} = 0.5$ hPa	$\Delta DIR_{max,+3} = 30^\circ$		(226)
$G_{cor} = 34.7$ kt	$R_{+6} = 1.3$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 24.8$ kt					





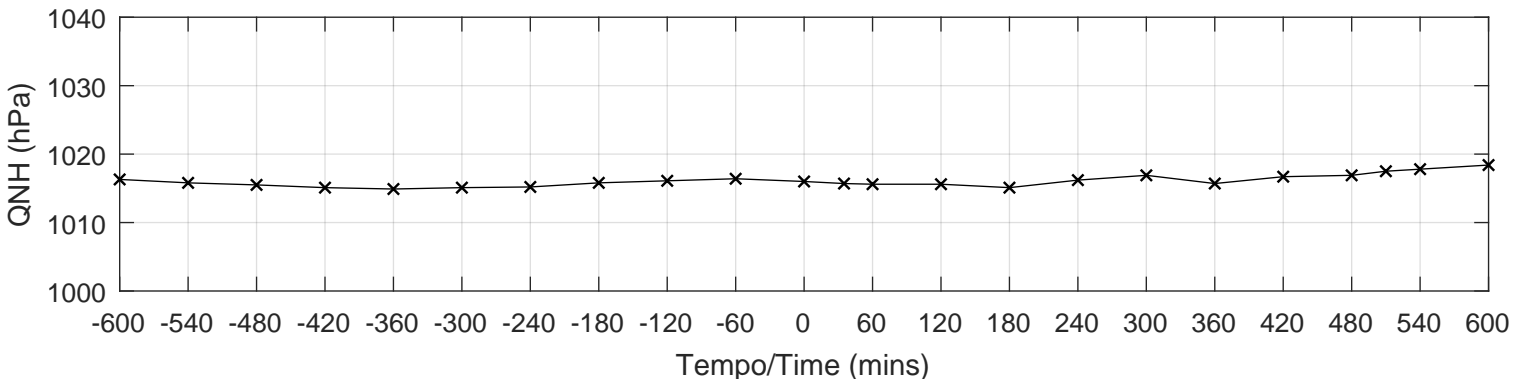
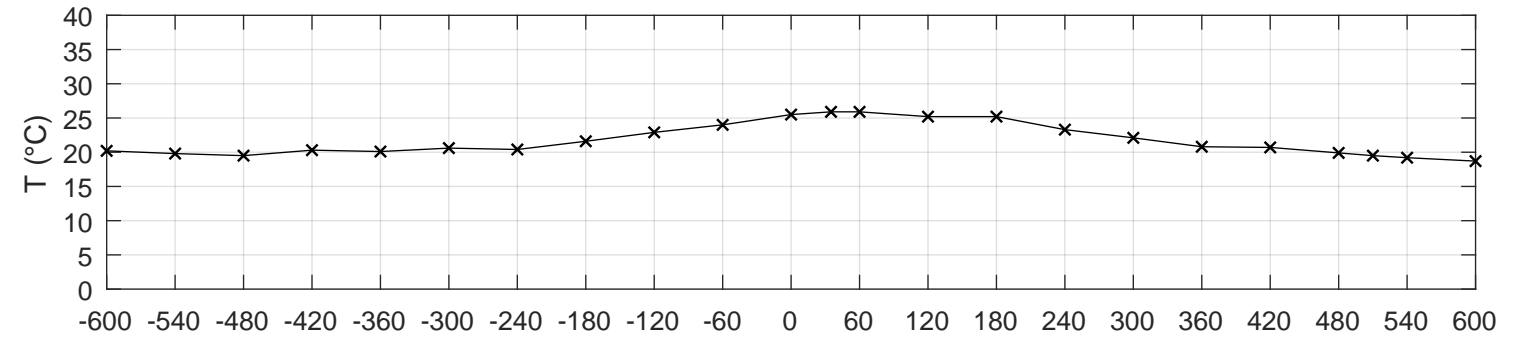
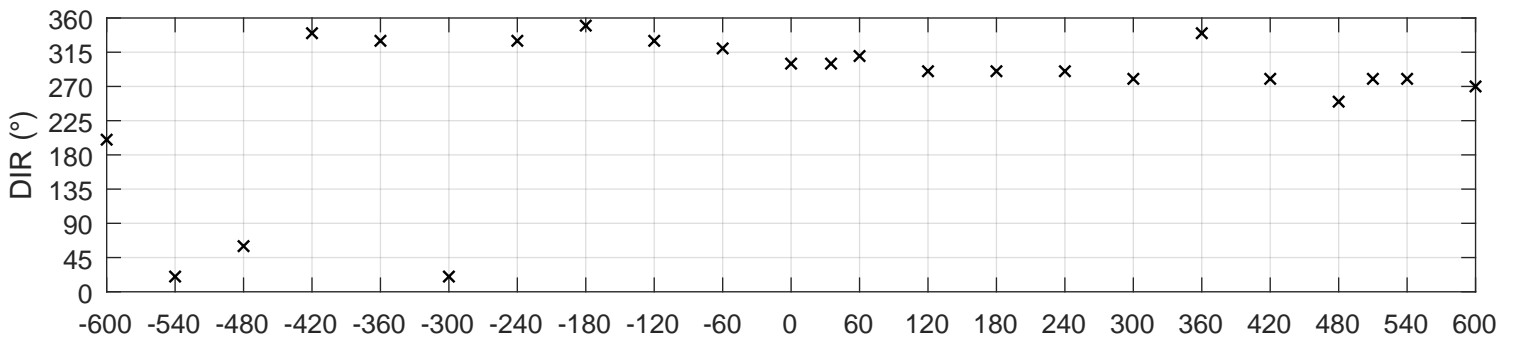
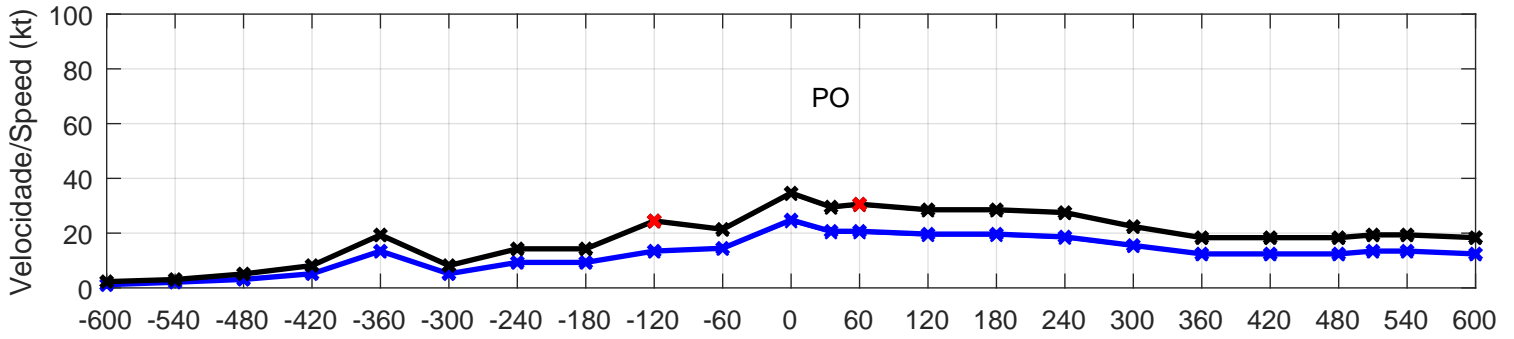
**SBGR-2/83778 EVENTO/EVENT 73 - 01/12/2001, 13:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 34$ kt	$R_{-6} = 1.6$	$T_{med,3} = 23.0$ °C	$DIR = 280^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 24$ kt	$R_{-3} = 1.2$	$\Delta T_{min,3} = 0.0$ °C	$\Delta DIR_{max,-3} = 20^\circ$		SYNOPTIC
$g_V = []$	$R_{+3} = 1.3$	$\Delta Q_{max,3} = 0.4$ hPa	$\Delta DIR_{max,+3} = 20^\circ$		(226)
$G_{cor} = 34.7$ kt	$R_{+6} = 1.5$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 24.8$ kt					



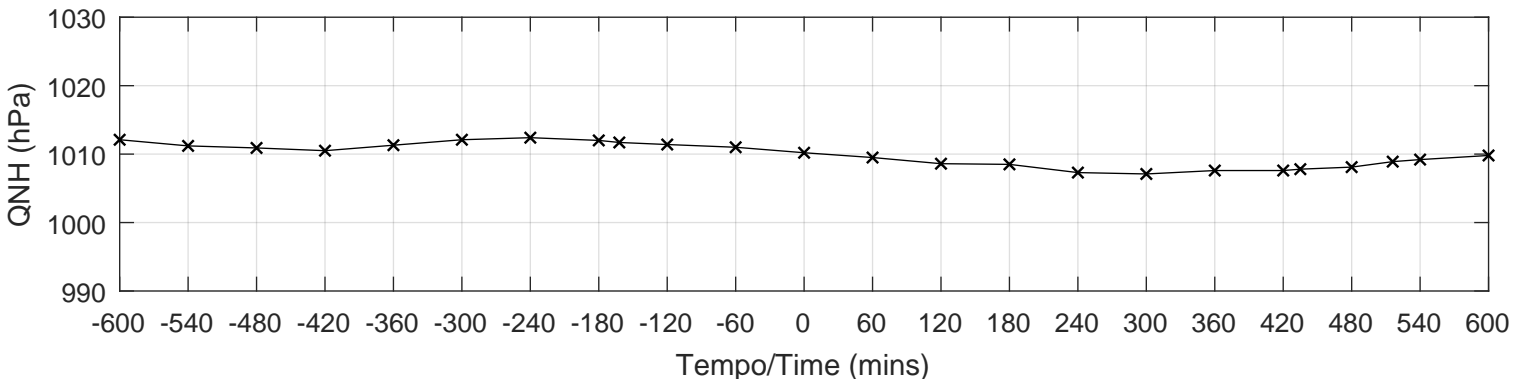
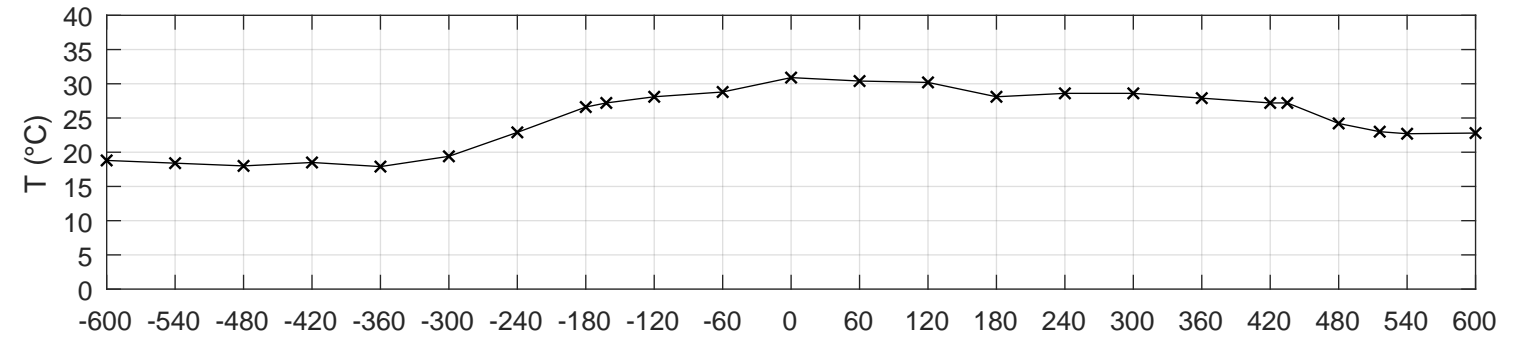
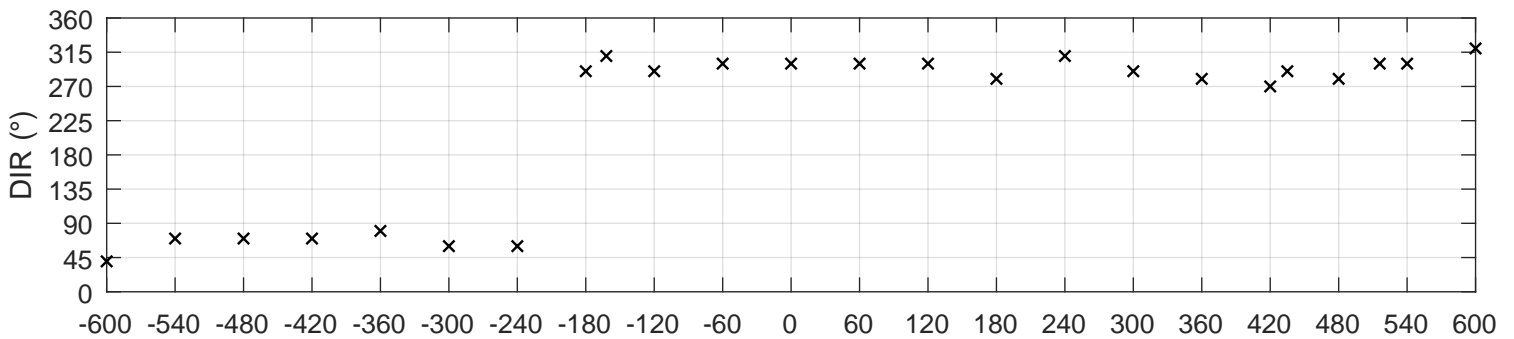
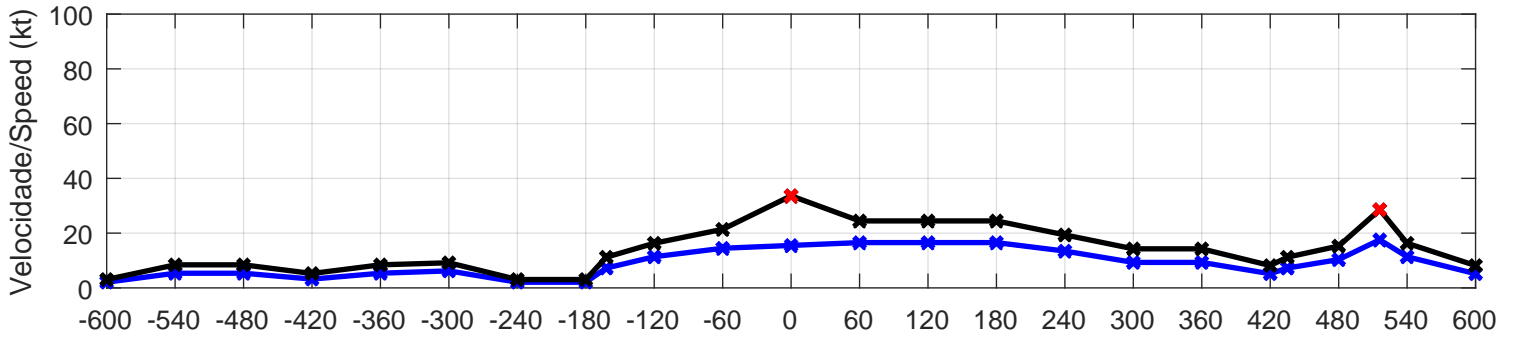
**SBGR-2/83778 EVENTO/EVENT 75 - 17/07/2005, 11:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 34$ kt	$R_{-6} = 2.0$	$T_{med,3} = 22.8$ °C	$DIR = 300^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 24$ kt	$R_{-3} = 1.7$	$\Delta T_{min,3} = 0.0$ °C	$\Delta DIR_{max,-3} = 50^\circ$		SYNOPTIC
$g_V = [ ]$	$R_{+3} = 1.2$	$\Delta Q_{max,3} = 0.0$ hPa	$\Delta DIR_{max,+3} = 10^\circ$		(226)
$G_{cor} = 34.7$ kt	$R_{+6} = 1.3$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 24.8$ kt					



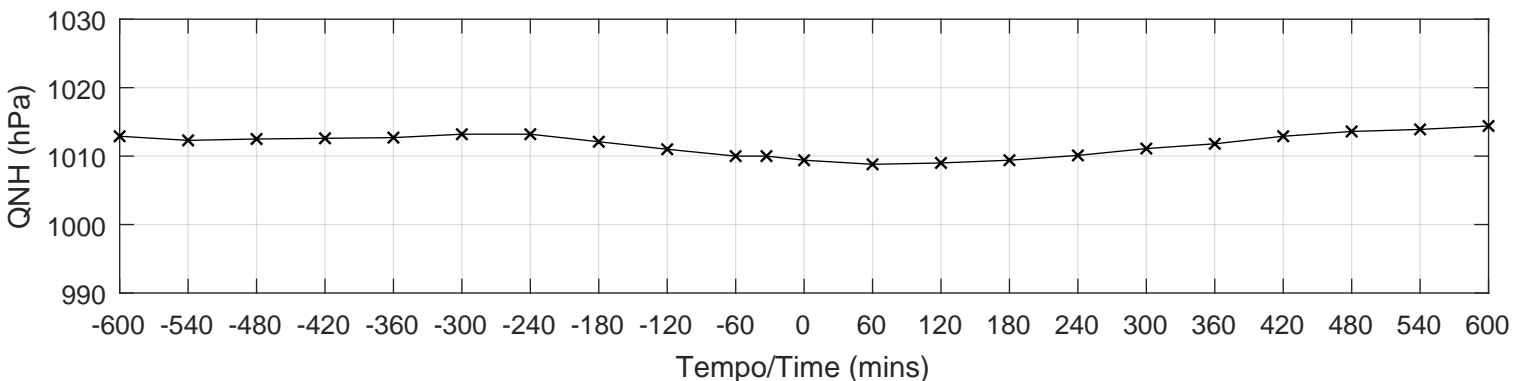
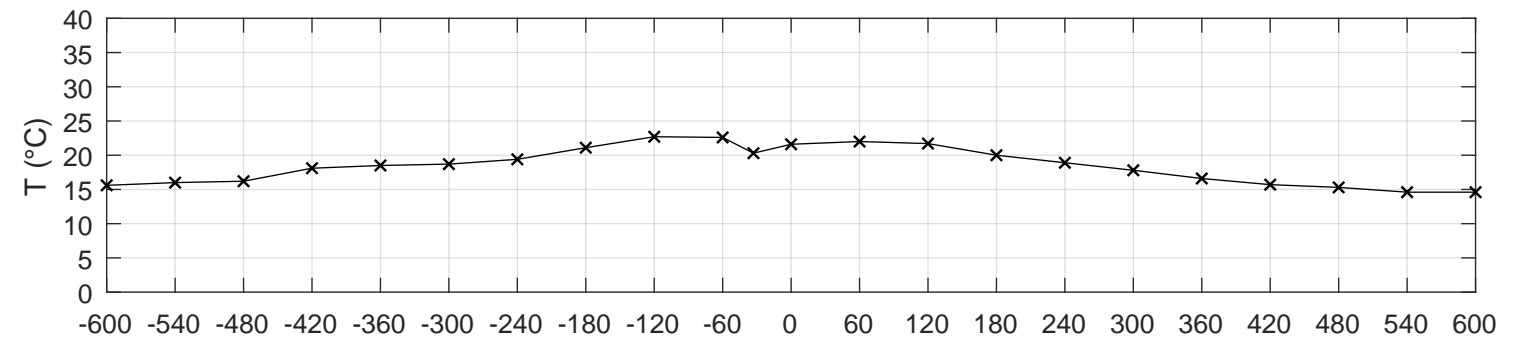
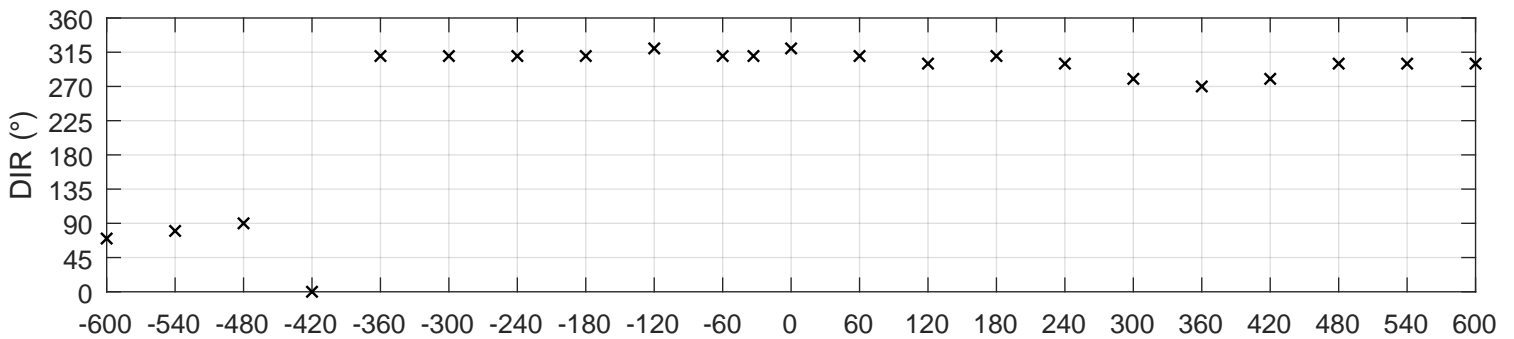
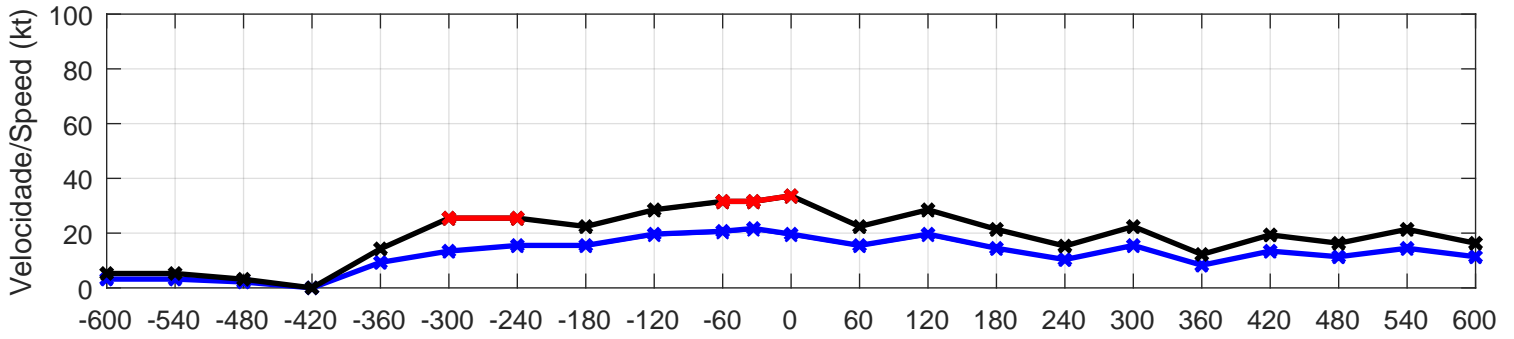
**SBGR-2/83778 EVENTO/EVENT 92 - 12/01/2007, 12:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 33 \text{ kt}$	$R_{-6} = 3.0$	$T_{med,3} = 28.0 \text{ }^\circ\text{C}$	$DIR = 300^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 15 \text{ kt}$	$R_{-3} = 2.2$	$\Delta T_{min,3} = 0.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 10^\circ$		SYNOPTIC
$g_V = 2.2$	$R_{+3} = 1.4$	$\Delta Q_{max,3} = 0.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 20^\circ$		(214)
$G_{cor} = 33.6 \text{ kt}$	$R_{+6} = 1.7$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 15.5 \text{ kt}$					



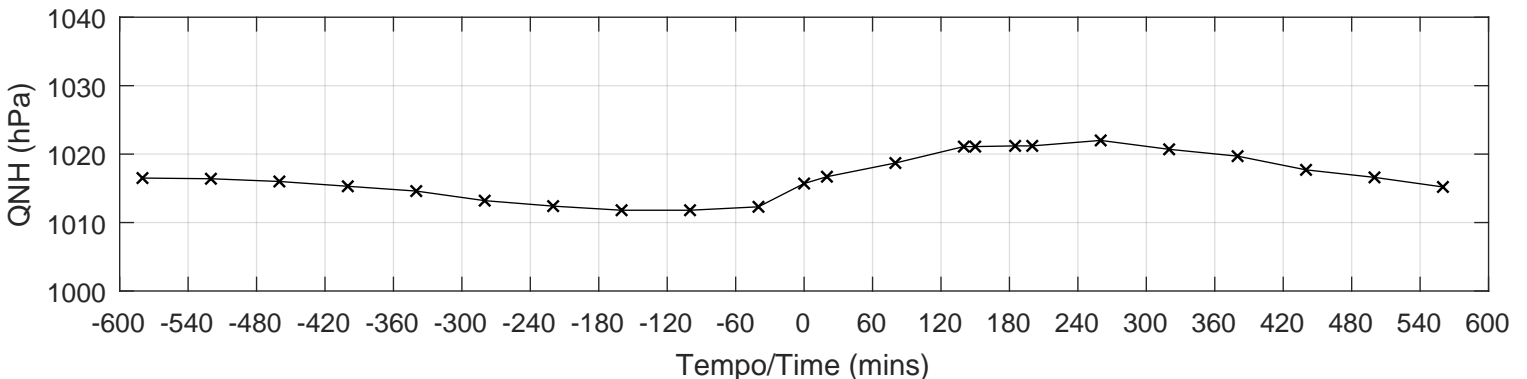
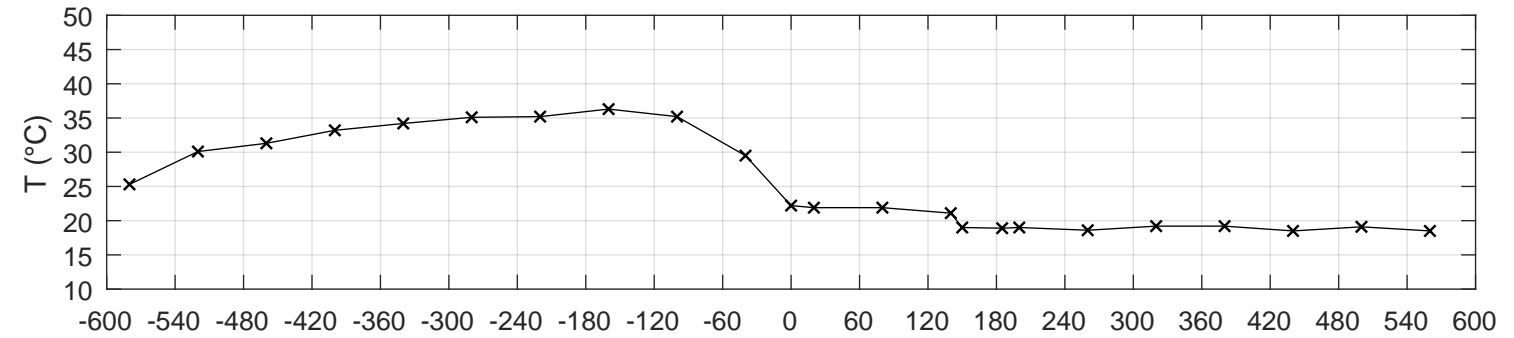
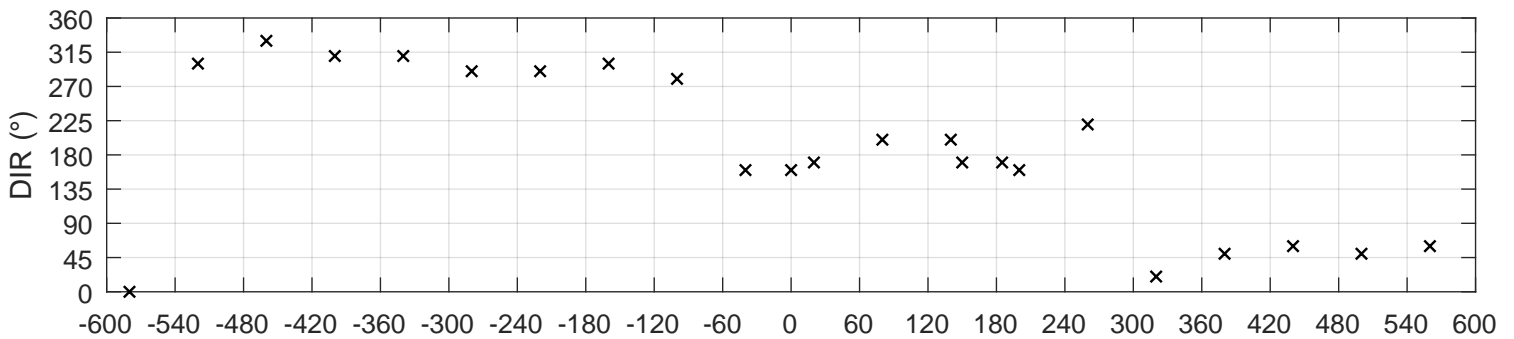
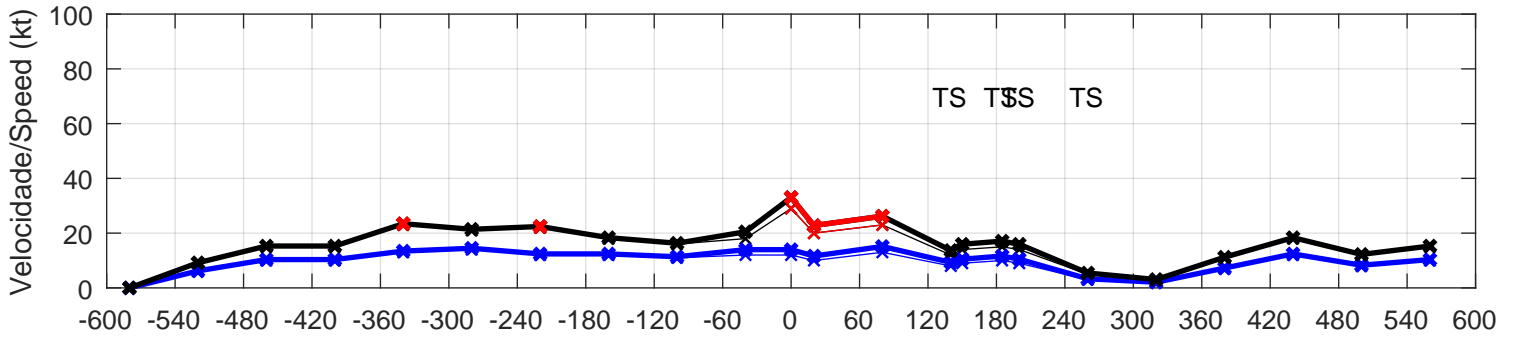
**SBGR-2/83778 EVENTO/EVENT 94 - 02/08/2011, 14:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 33 \text{ kt}$	$R_{-6} = 1.4$	$T_{med,3} = 22.0 \text{ }^\circ\text{C}$	$DIR = 320^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 19 \text{ kt}$	$R_{-3} = 1.2$	$\Delta T_{min,3} = -2.4 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 10^\circ$		SYNOPTIC
$g_V = 1.7$	$R_{+3} = 1.4$	$\Delta Q_{max,3} = 0.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 20^\circ$		(215)
$G_{cor} = 33.6 \text{ kt}$	$R_{+6} = 1.7$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 19.6 \text{ kt}$					



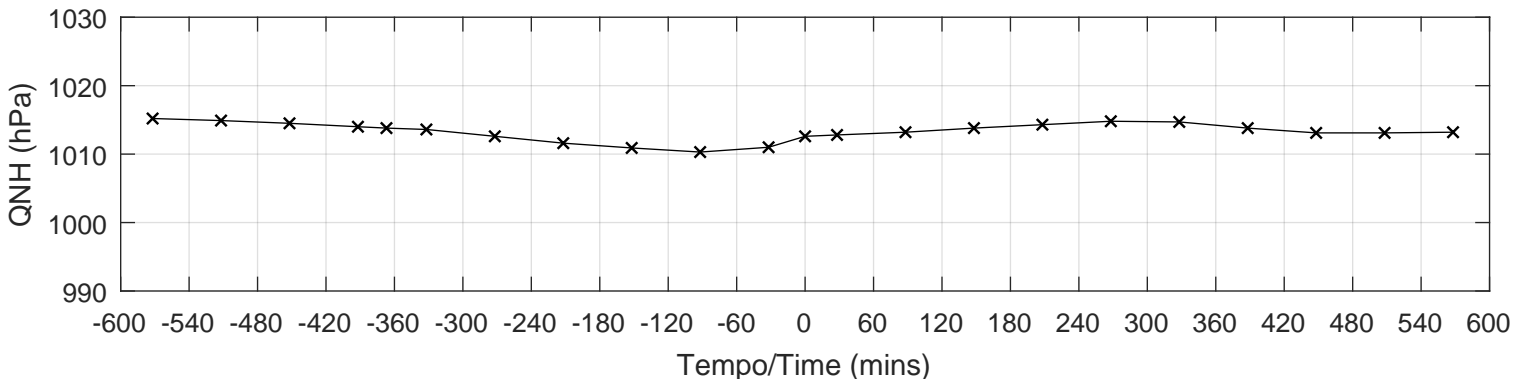
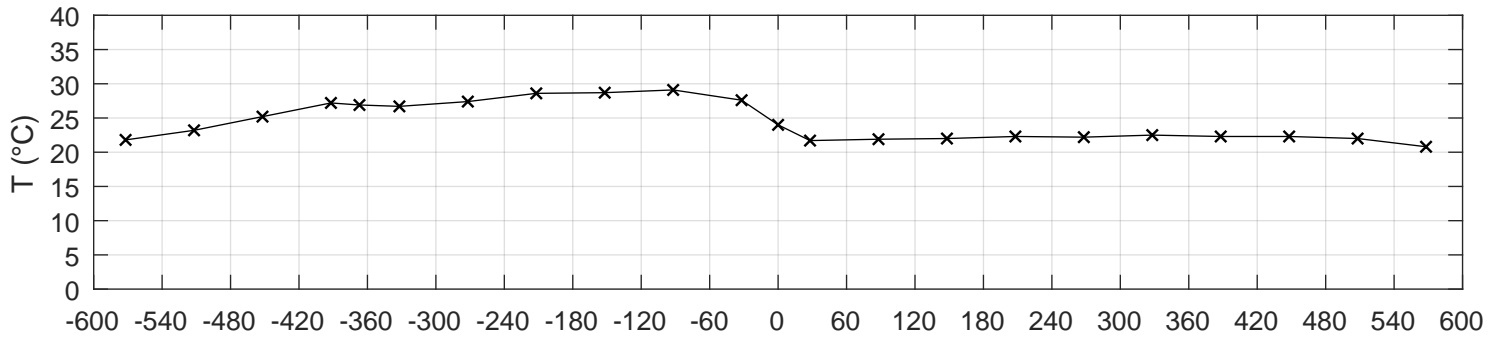
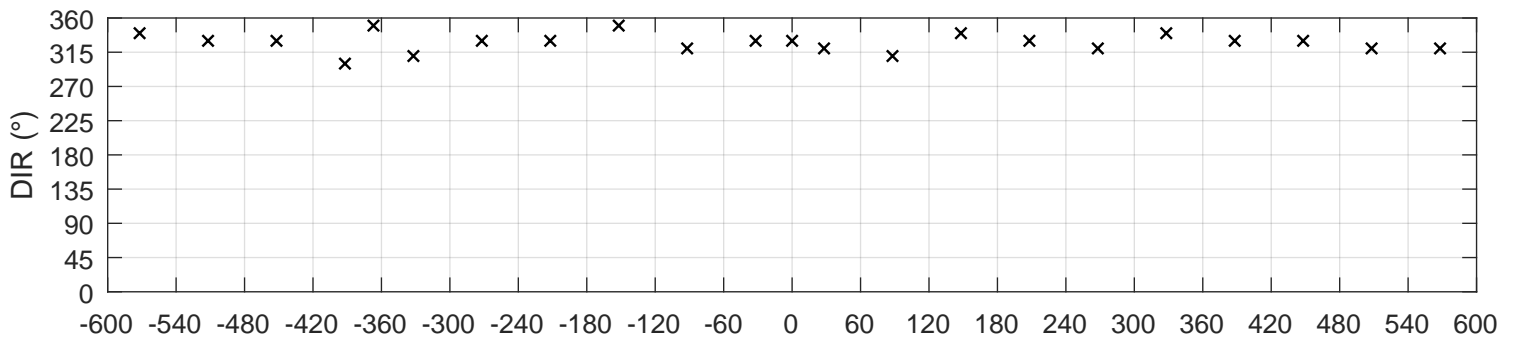
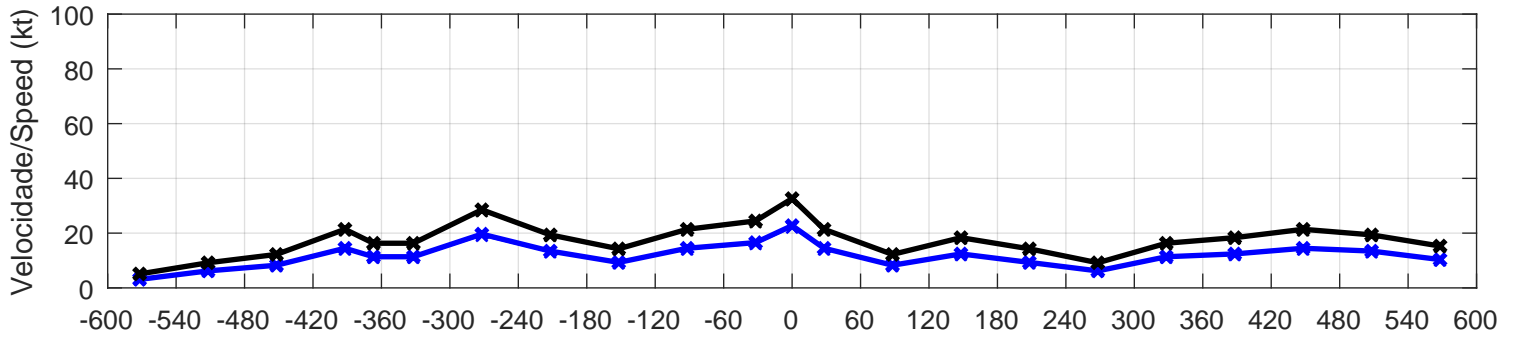
**SBGR-2/83778 EVENTO/EVENT 103 - 19/10/2014, 17:40 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 29 \text{ kt}$	$R_{-6} = 1.5$	$T_{med,3} = 35.8 \text{ }^\circ\text{C}$	$DIR = 160^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 12 \text{ kt}$	$R_{-3} = 1.7$	$\Delta T_{min,3} = -13.3 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 140^\circ$		SYNOPTIC
$g_V = 2.4$	$R_{+3} = 1.5$	$\Delta Q_{max,3} = 4.9 \text{ hPa}$	$\Delta DIR_{max,+3} = 40^\circ$		(212)
$G_{cor} = 33.0 \text{ kt}$	$R_{+6} = 2.2$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 14.0 \text{ kt}$					



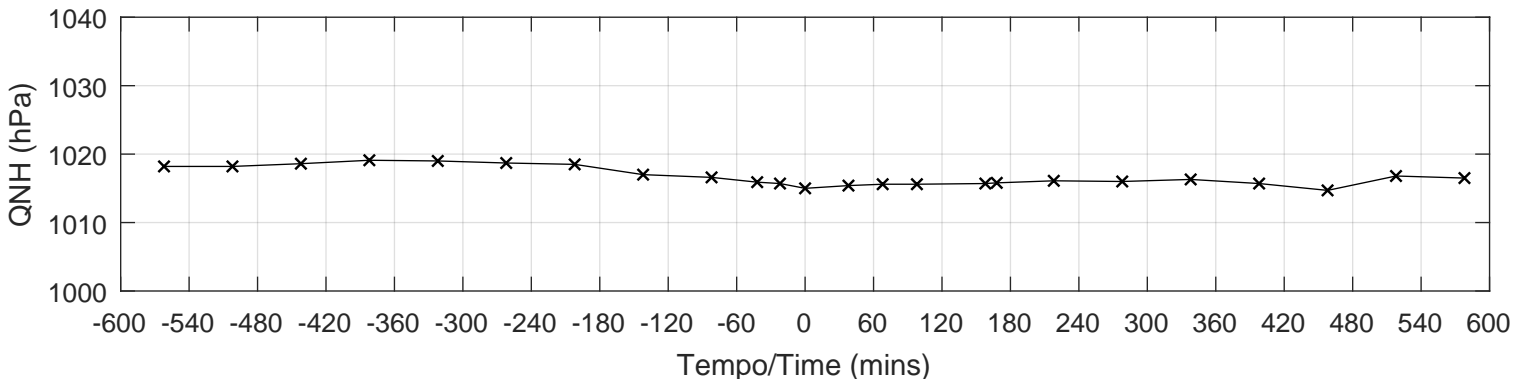
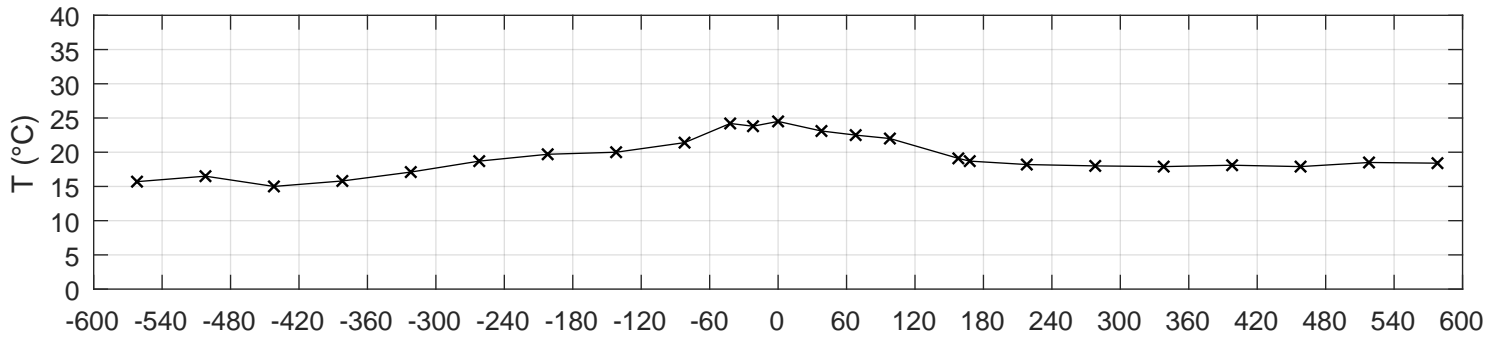
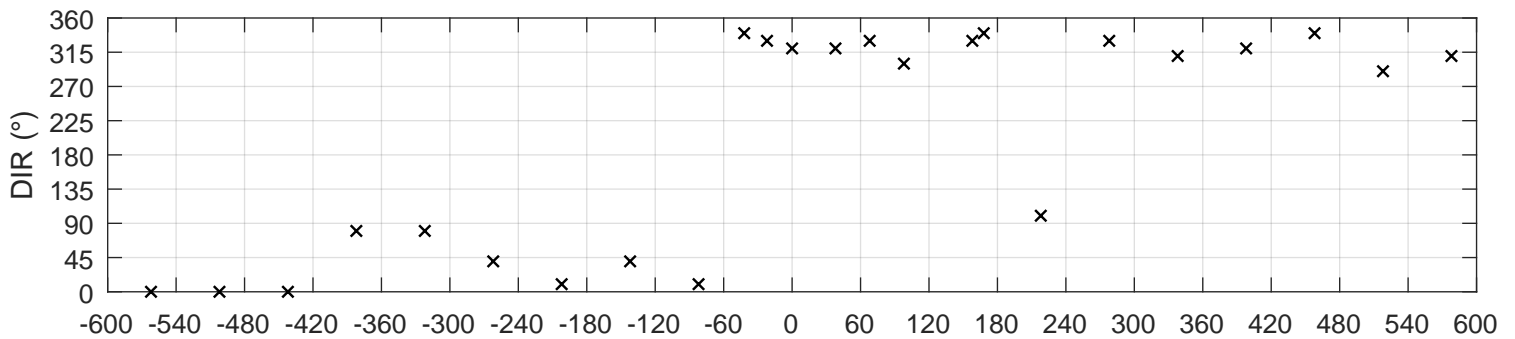
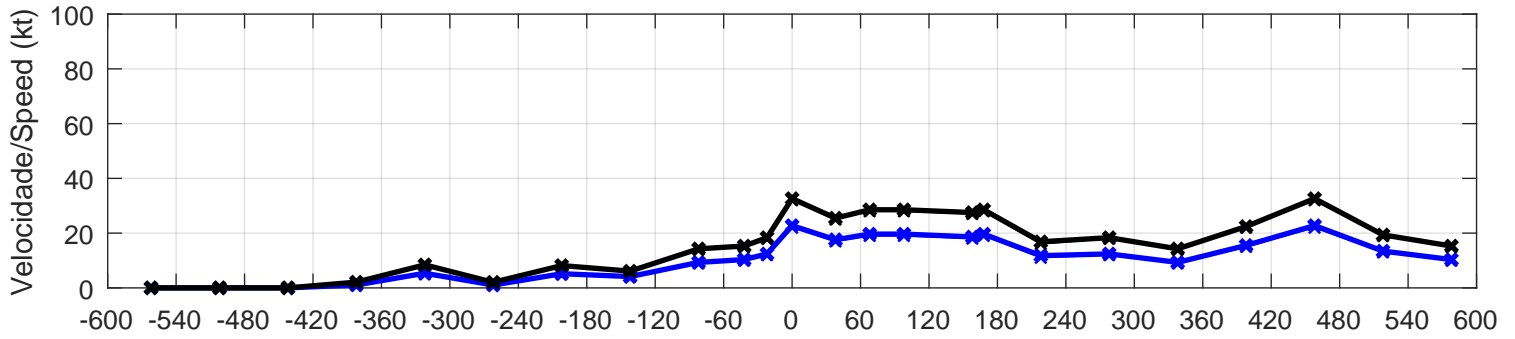
**SBGR-2/83778 EVENTO/EVENT 105 - 22/12/2001, 17:32 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 32$ kt	$R_{-6} = 1.6$	$T_{med,3} = 28.9$ °C	$DIR = 330^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 22$ kt	$R_{-3} = 1.7$	$\Delta T_{min,3} = -7.4$ °C	$\Delta DIR_{max,-3} = 20^\circ$		SYNOPTIC
$g_V = []$	$R_{+3} = 1.9$	$\Delta Q_{max,3} = 2.5$ hPa	$\Delta DIR_{max,+3} = 20^\circ$		(221)
$G_{cor} = 32.6$ kt	$R_{+6} = 2.1$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 22.7$ kt					



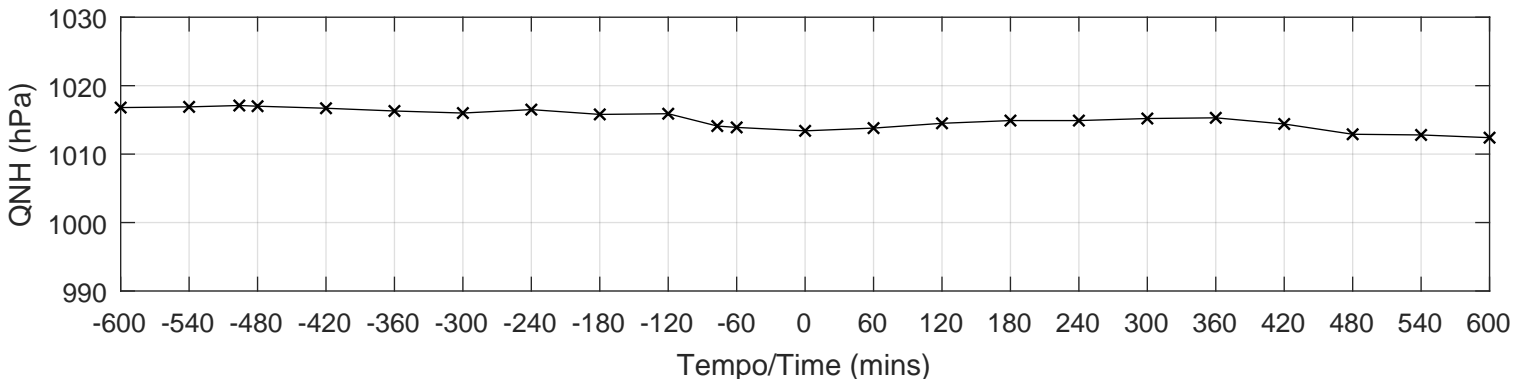
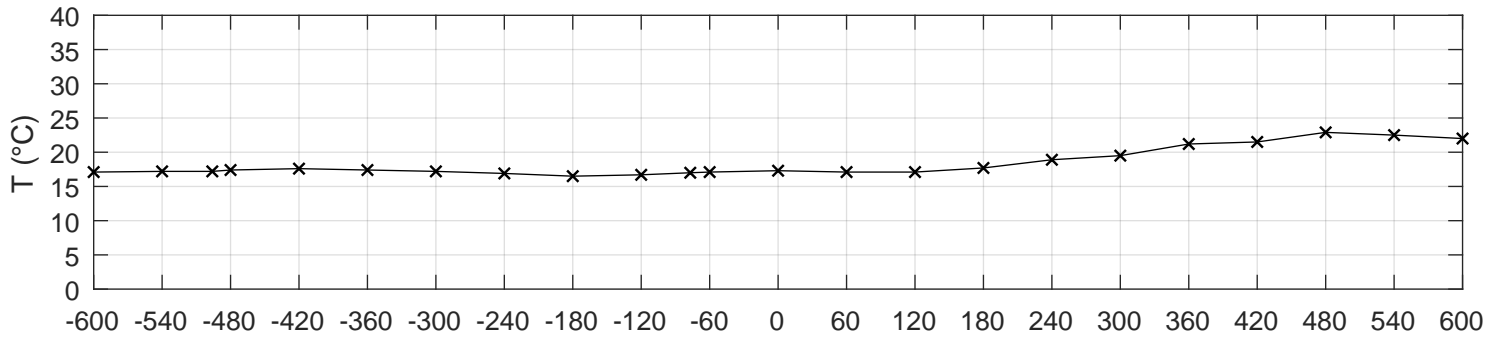
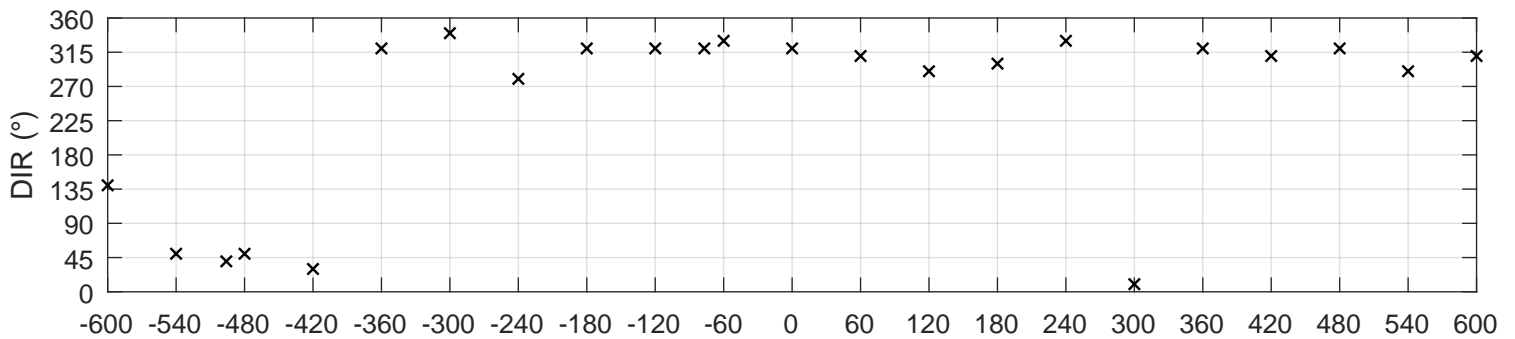
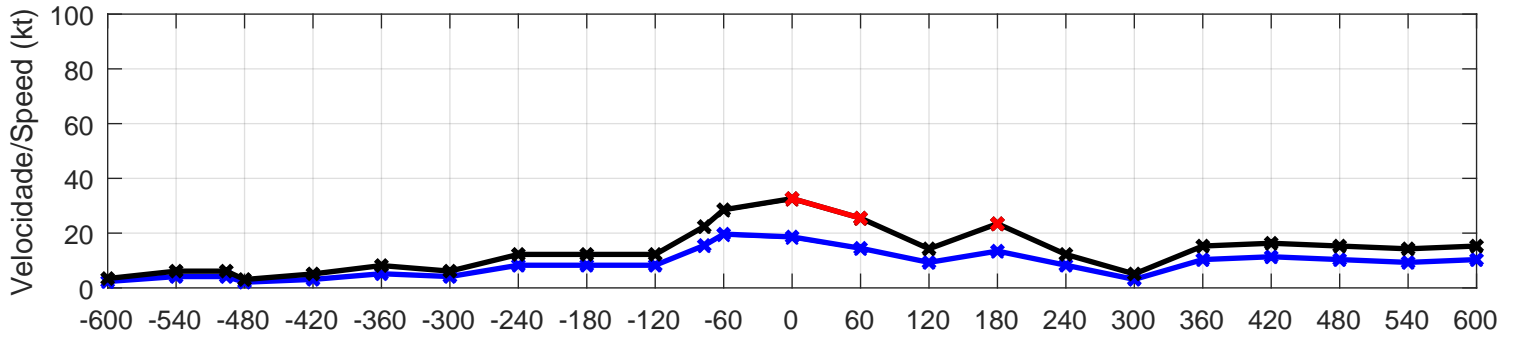
SBGR-2/83778 EVENTO/EVENT 107 - 22/07/2002, 14:22 LOCAL (PAS31/2017)

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 32$ kt	$R_{-6} = 3.8$	$T_{med,3} = 20.6$ °C	$DIR = 320^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 22$ kt	$R_{-3} = 2.8$	$\Delta T_{min,3} = 0.0$ °C	$\Delta DIR_{max,-3} = 80^\circ$		SYNOPTIC
$g_V = []$	$R_{+3} = 1.2$	$\Delta Q_{max,3} = 0.4$ hPa	$\Delta DIR_{max,+3} = 20^\circ$		(225)
$G_{cor} = 32.6$ kt	$R_{+6} = 1.5$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 22.7$ kt					



**SBGR-2/83778 EVENTO/EVENT 115 - 19/08/2009, 05:00 LOCAL (PAS31/2017)**

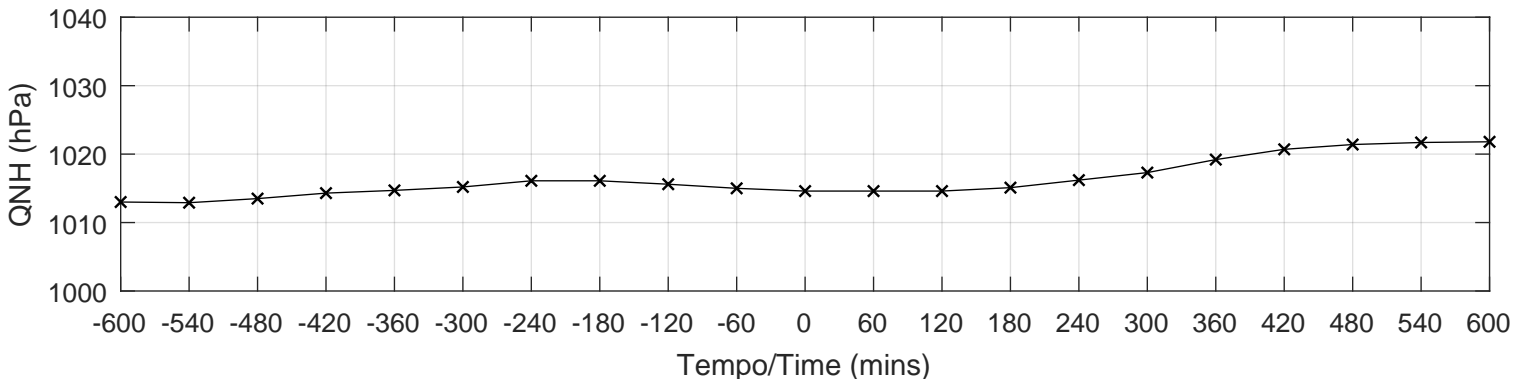
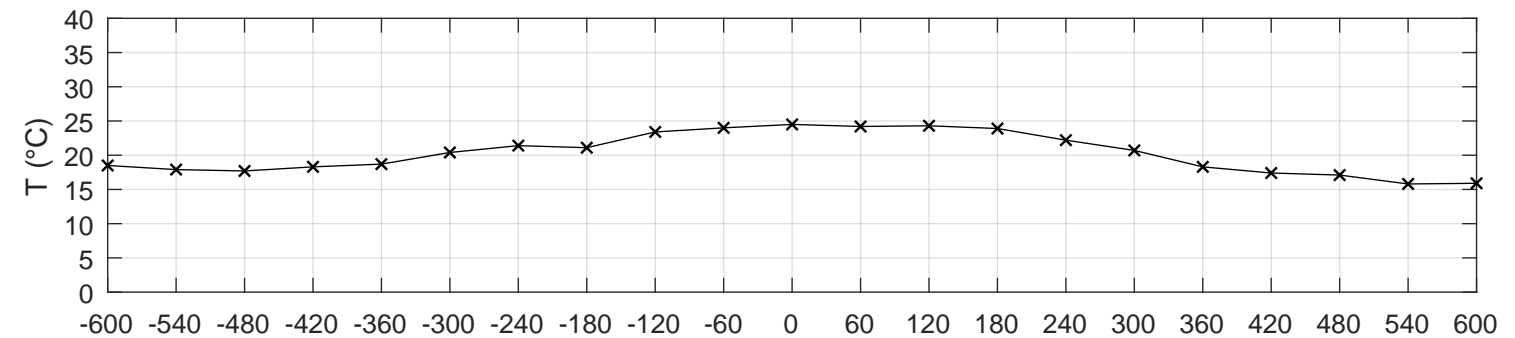
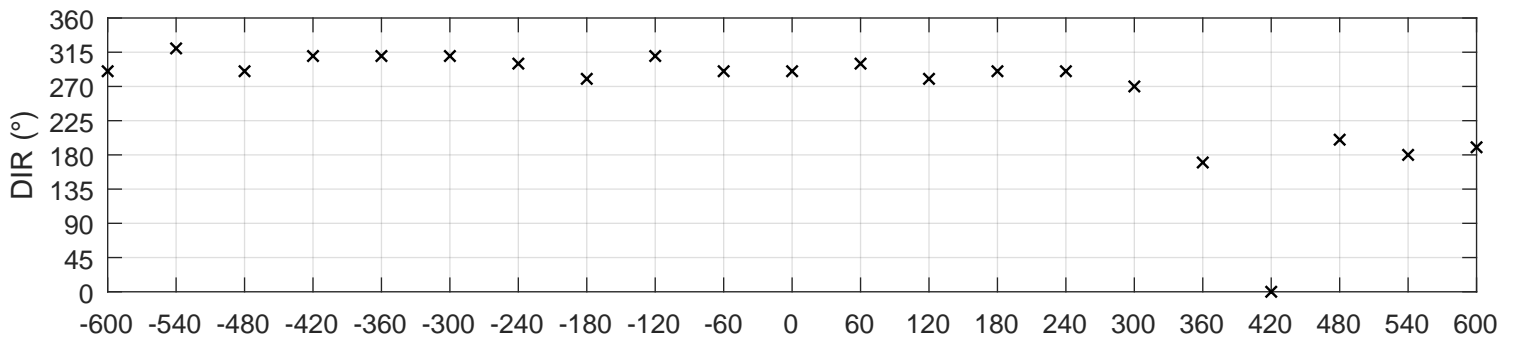
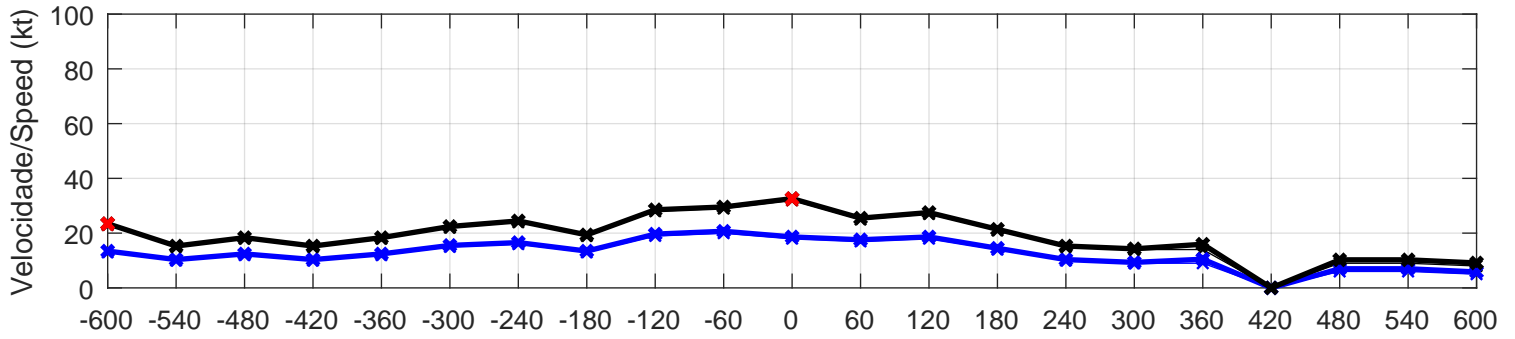
Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 32 \text{ kt}$	$R_{-6} = 2.4$	$T_{med,3} = 16.8 \text{ }^\circ\text{C}$	$DIR = 320^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 18 \text{ kt}$	$R_{-3} = 1.8$	$\Delta T_{min,3} = 0.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 10^\circ$		SYNOPTIC
$g_V = 1.8$	$R_{+3} = 1.5$	$\Delta Q_{max,3} = 0.4 \text{ hPa}$	$\Delta DIR_{max,+3} = 30^\circ$		(214)
$G_{cor} = 32.6 \text{ kt}$	$R_{+6} = 2.0$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 18.6 \text{ kt}$					





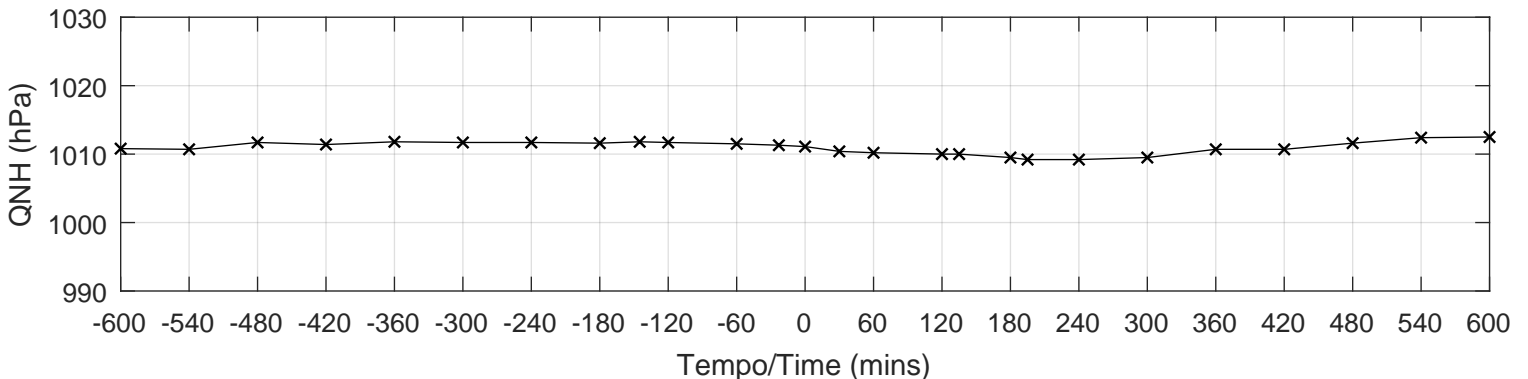
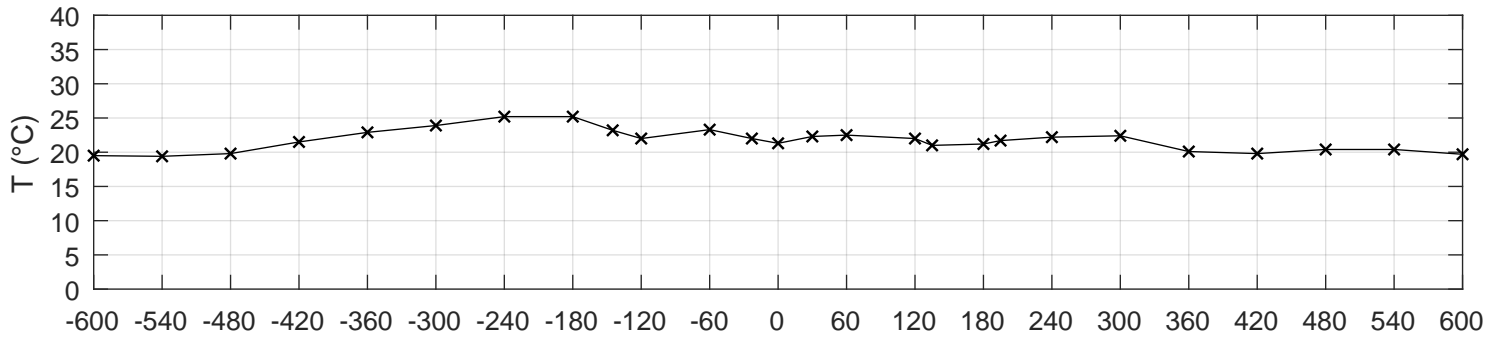
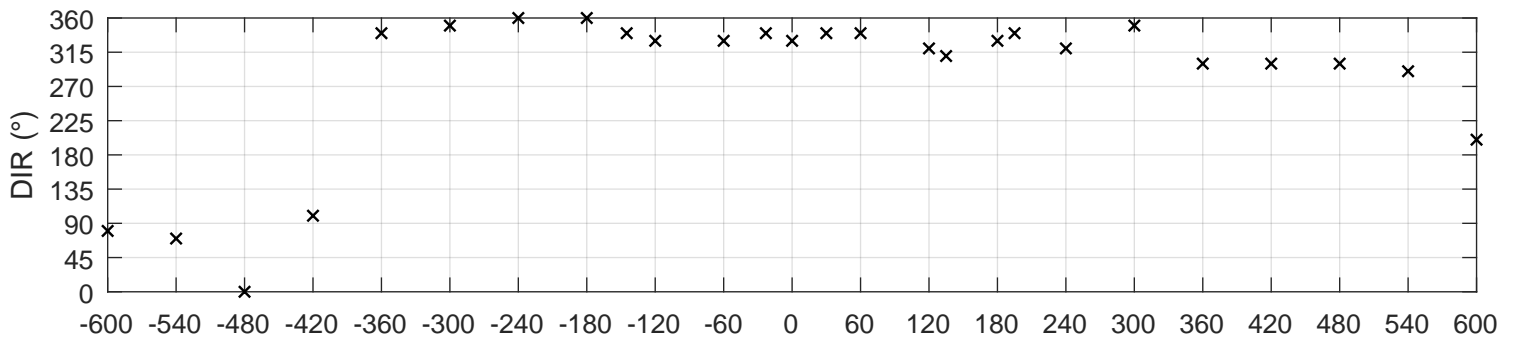
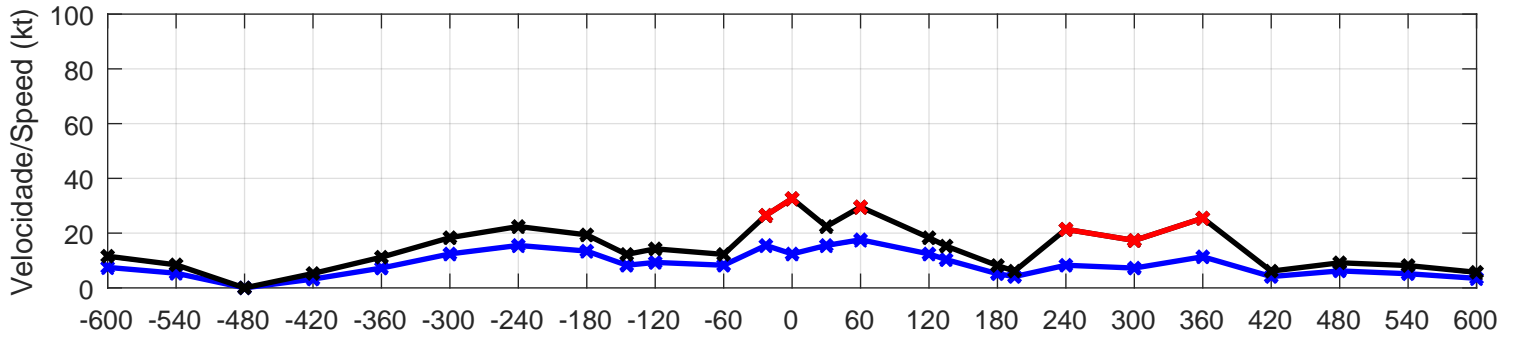
**SBGR-2/83778 EVENTO/EVENT 117 - 08/10/2010, 14:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 32 \text{ kt}$	$R_{-6} = 1.4$	$T_{med,3} = 22.8 \text{ }^\circ\text{C}$	$DIR = 290^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 18 \text{ kt}$	$R_{-3} = 1.3$	$\Delta T_{min,3} = 0.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 20^\circ$		SYNOPTIC
$g_V = 1.8$	$R_{+3} = 1.3$	$\Delta Q_{max,3} = 0.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 10^\circ$		(215)
$G_{cor} = 32.6 \text{ kt}$	$R_{+6} = 1.7$	$\Delta \text{ Grupo/Group} = 3$			
$V_{cor} = 18.6 \text{ kt}$					



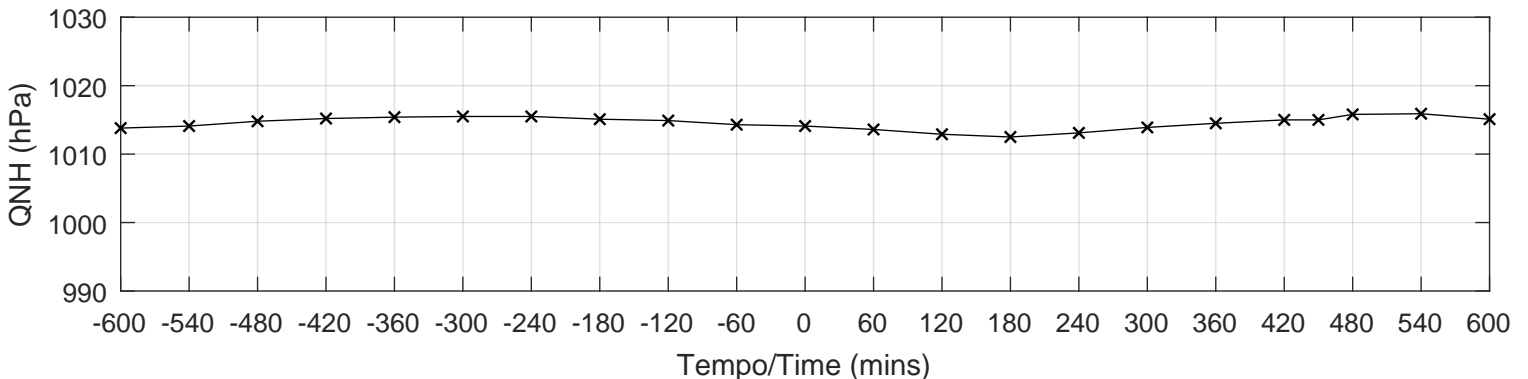
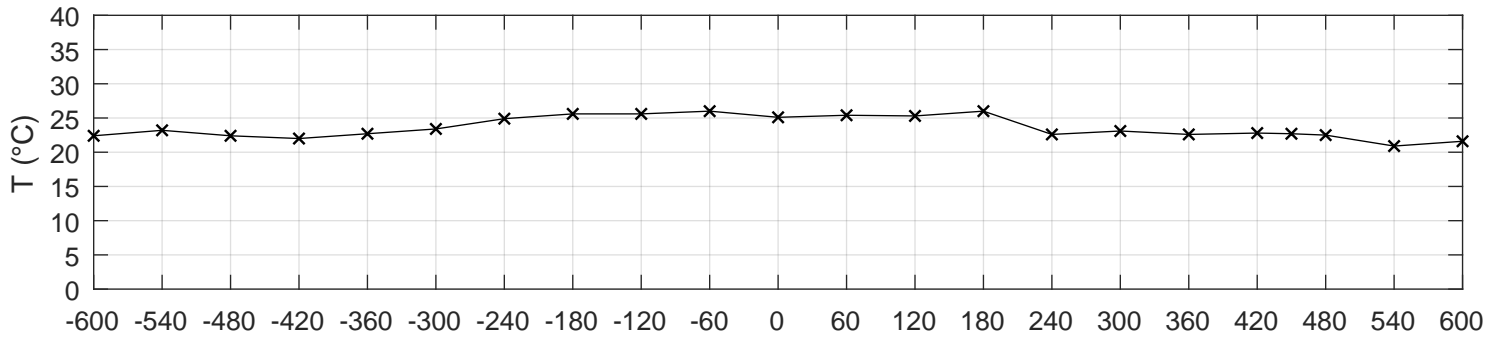
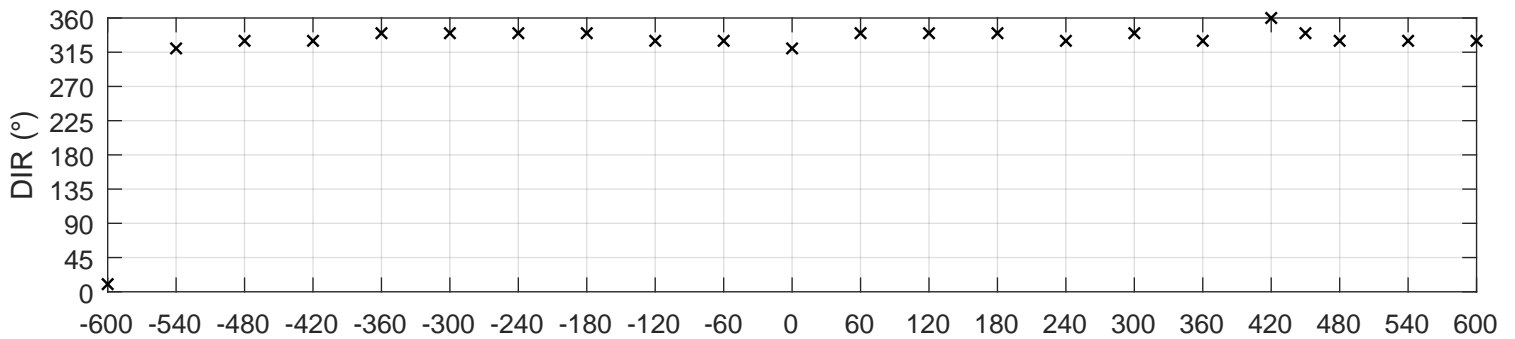
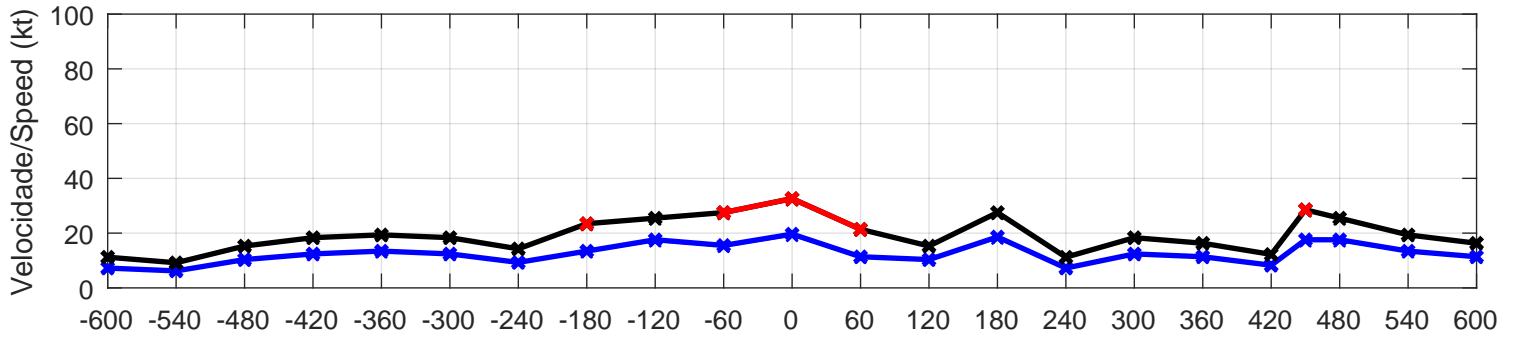
**SBGR-2/83778 EVENTO/EVENT 119 - 22/11/2011, 13:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press. $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 32 \text{ kt}$	$R_{-6} = 2.0$	$T_{med,3} = 23.2 \text{ }^\circ\text{C}$	NÃO/NO	SINÓTICO
$V_{obs} = 12 \text{ kt}$	$R_{-3} = 2.0$	$\Delta T_{min,3} = -2.0 \text{ }^\circ\text{C}$		SYNOPTIC
$g_V = 2.7$	$R_{+3} = 1.5$	$\Delta Q_{max,3} = 0.0 \text{ hPa}$		(214)
$G_{cor} = 32.6 \text{ kt}$	$R_{+6} = 1.7$	$\Delta \text{ Grupo/Group} = 3$		
$V_{cor} = 12.4 \text{ kt}$				



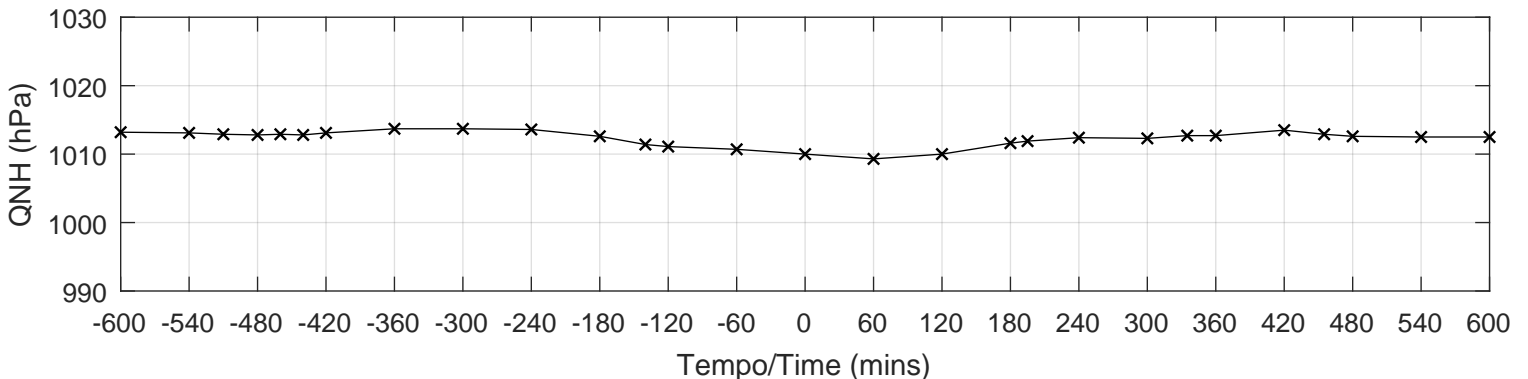
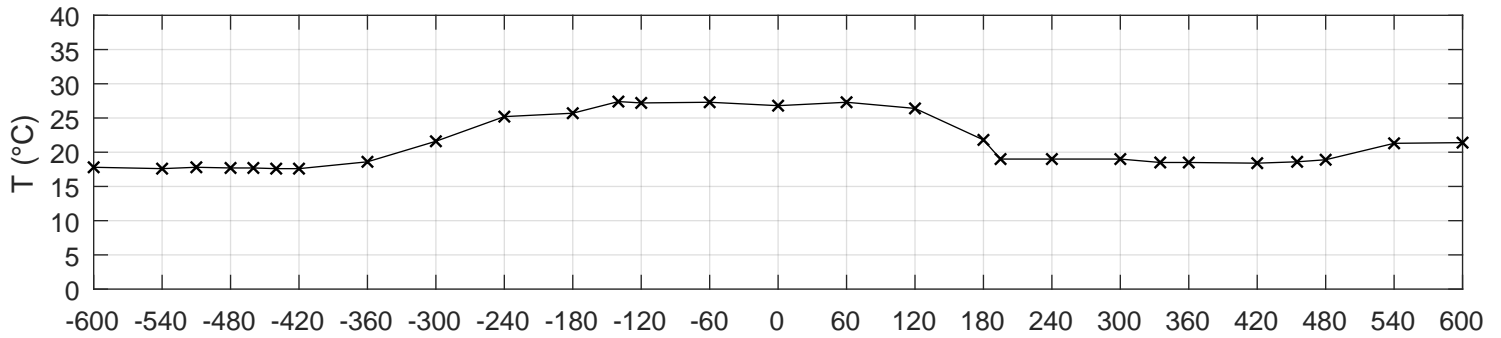
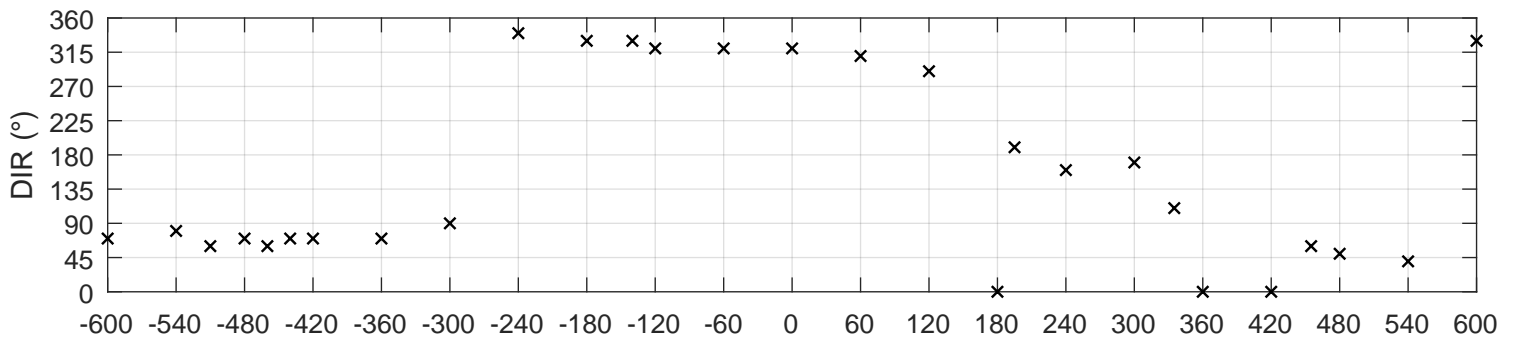
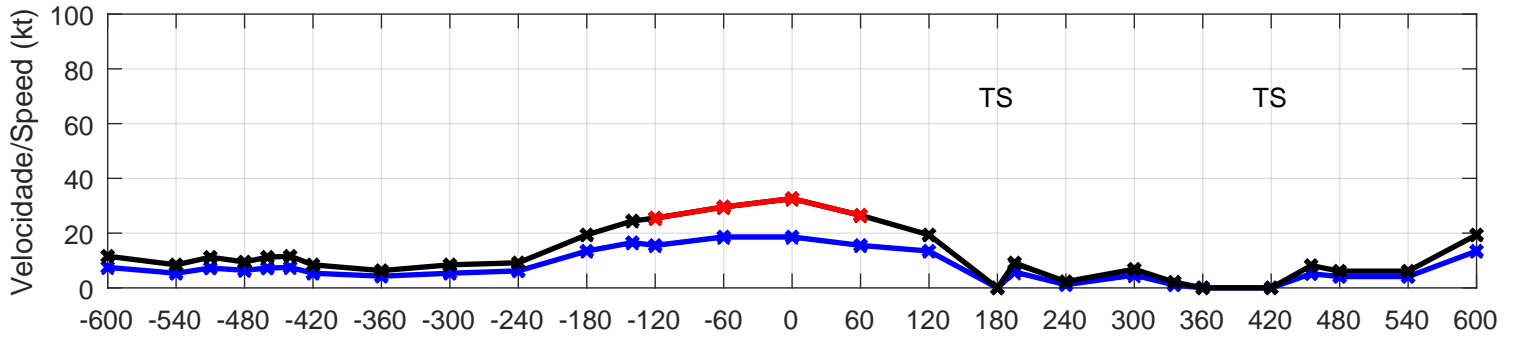
**SBGR-2/83778 EVENTO/EVENT 121 - 14/01/2012, 14:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press. $\Delta$ Direction	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 32 \text{ kt}$	$R_{-6} = 1.5$	$T_{med,3} = 25.7 \text{ }^\circ\text{C}$	$DIR = 320^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 19 \text{ kt}$	$R_{-3} = 1.3$	$\Delta T_{min,3} = -0.9 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 20^\circ$		SYNOPTIC
$g_V = 1.7$	$R_{+3} = 1.5$	$\Delta Q_{max,3} = 0.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 20^\circ$		(215)
$G_{cor} = 32.6 \text{ kt}$	$R_{+6} = 1.8$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 19.6 \text{ kt}$					



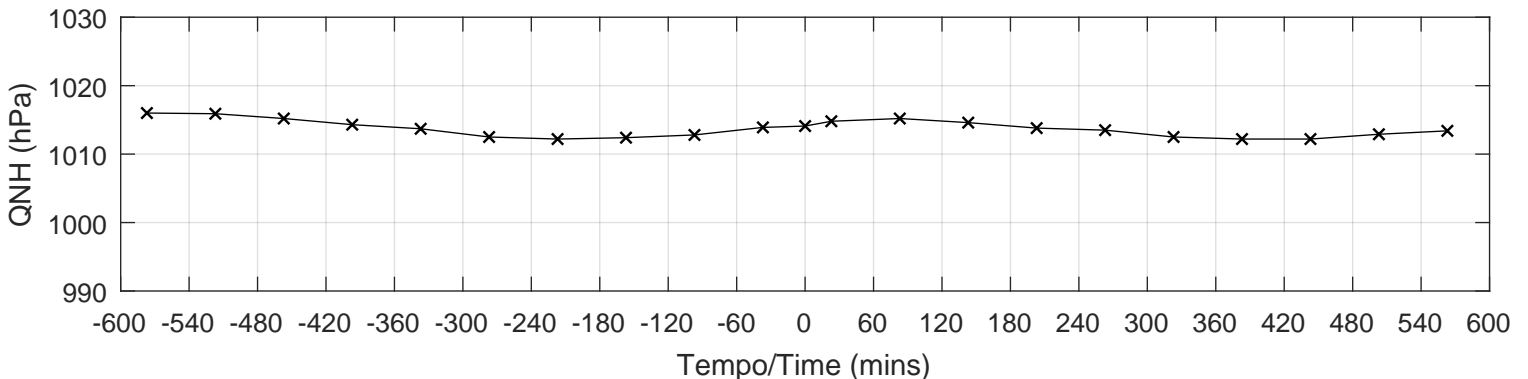
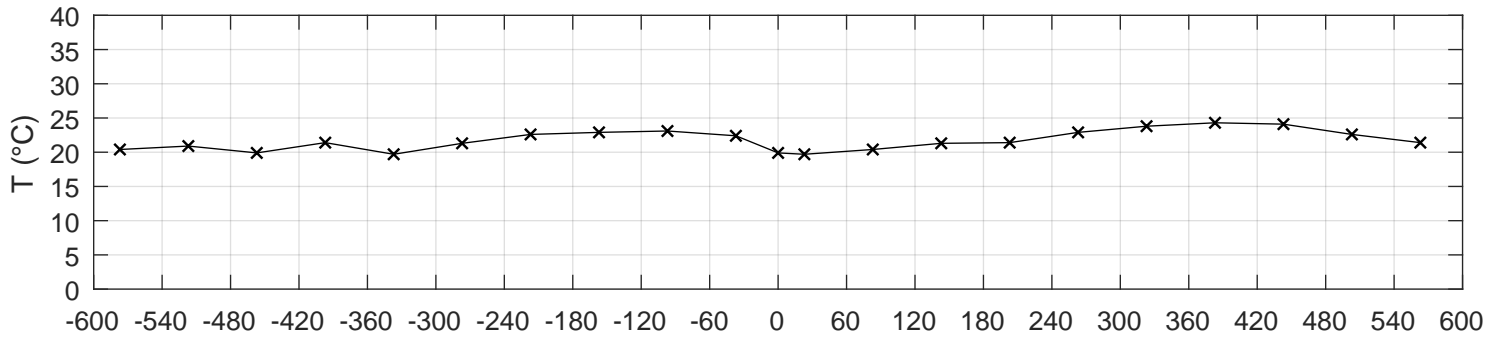
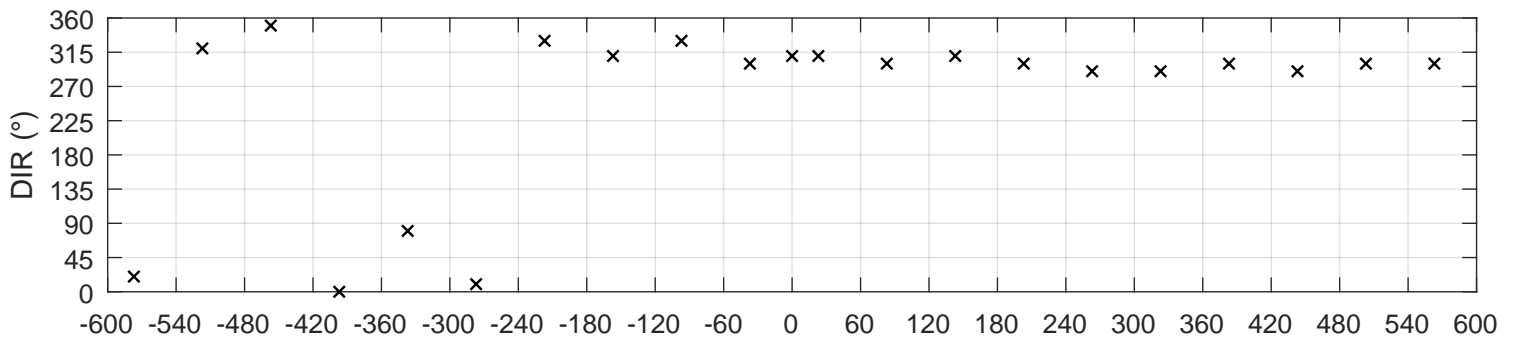
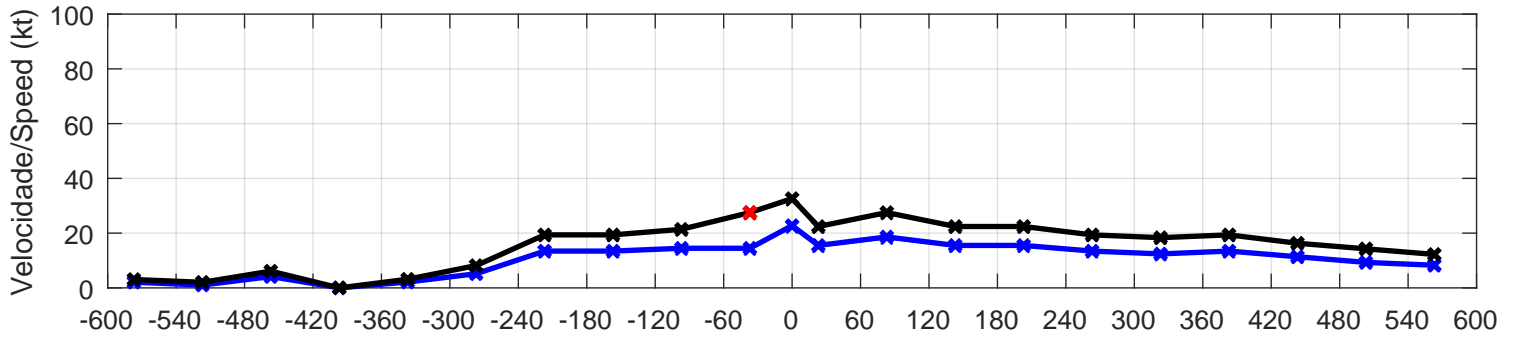
**SBGR-2/83778 EVENTO/EVENT 122 - 26/04/2012, 14:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press. $\Delta$ Direction	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 32 \text{ kt}$	$R_{-6} = 2.0$	$T_{med,3} = 26.9 \text{ }^\circ\text{C}$	$DIR = 320^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 18 \text{ kt}$	$R_{-3} = 1.3$	$\Delta T_{min,3} = -0.5 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 10^\circ$		SYNOPTIC
$g_V = 1.8$	$R_{+3} = 1.6$	$\Delta Q_{max,3} = 0.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 30^\circ$		(214)
$G_{cor} = 32.6 \text{ kt}$	$R_{+6} = 3.3$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 18.6 \text{ kt}$					



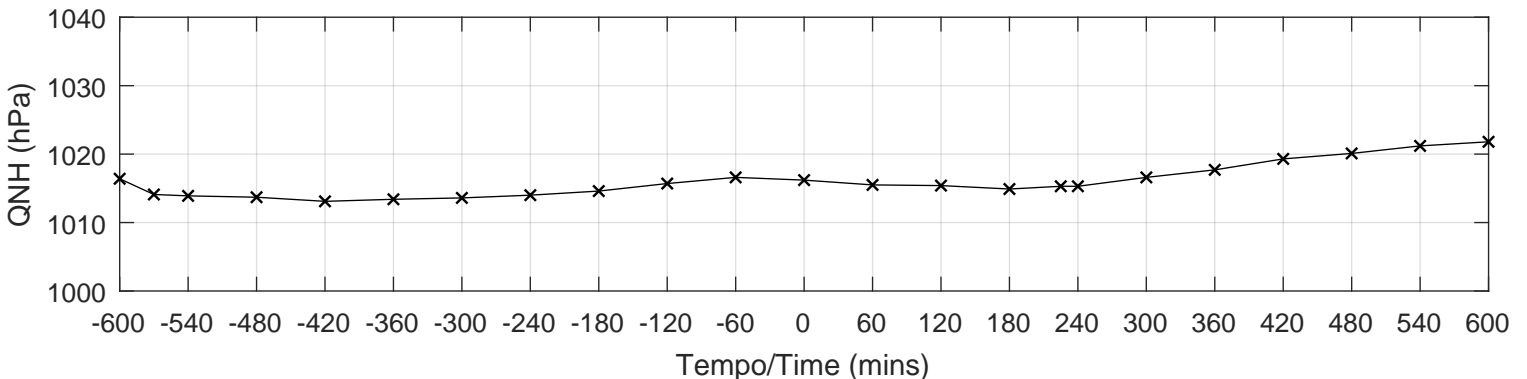
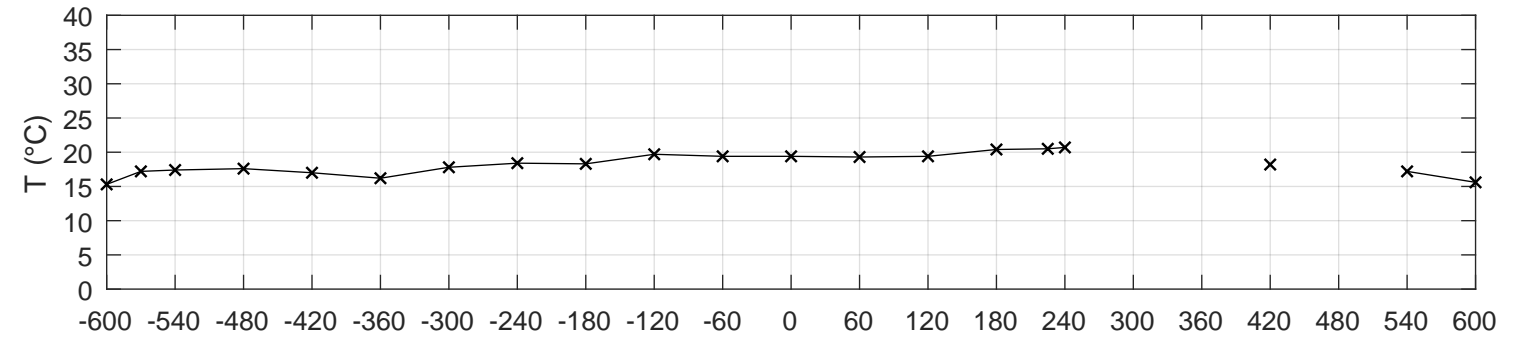
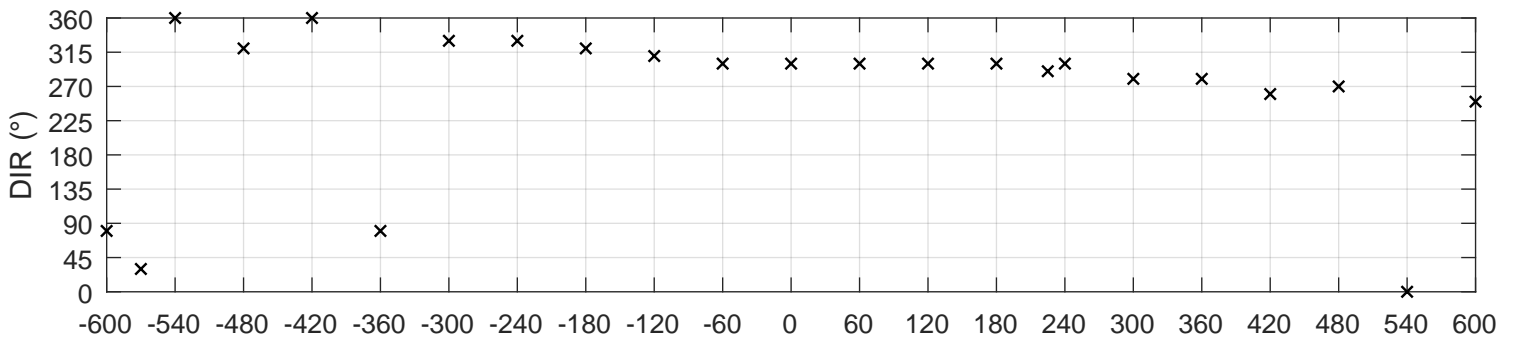
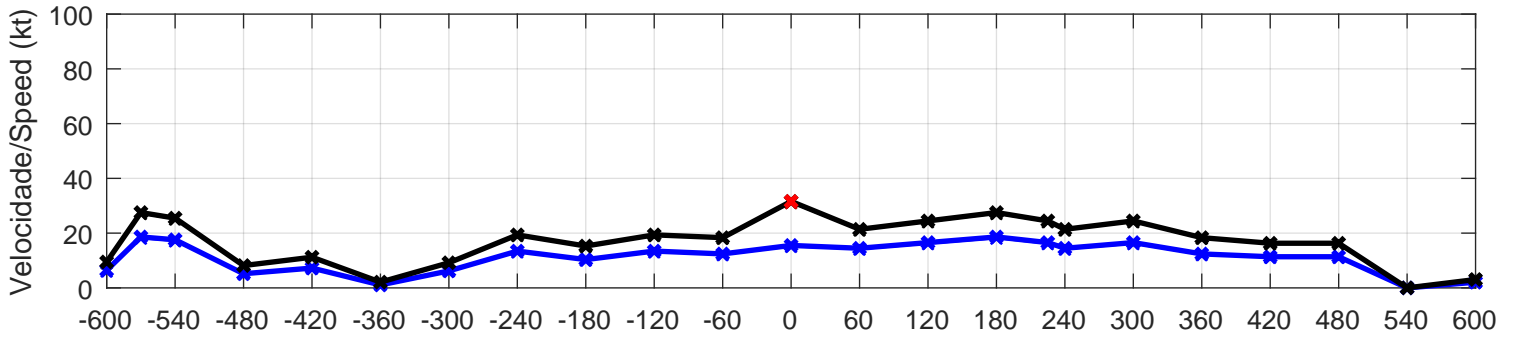
SBGR-2/83778 EVENTO/EVENT 124 - 14/05/2017, 08:37 LOCAL (PAS31/2017)

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G^* = 32$ kt	$R_{-6} = 2.1$	$T_{med,3} = 23.0$ °C	$DIR = 310^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 22$ kt	$R_{-3} = 1.5$	$\Delta T_{min,3} = -3.4$ °C	$\Delta DIR_{max,-3} = 20^\circ$		SYNOPTIC
$g_V = []$	$R_{+3} = 1.4$	$\Delta Q_{max,3} = 2.0$ hPa	$\Delta DIR_{max,+3} = 10^\circ$		(221)
$G_{cor} = 32.6$ kt	$R_{+6} = 1.5$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 22.7$ kt					



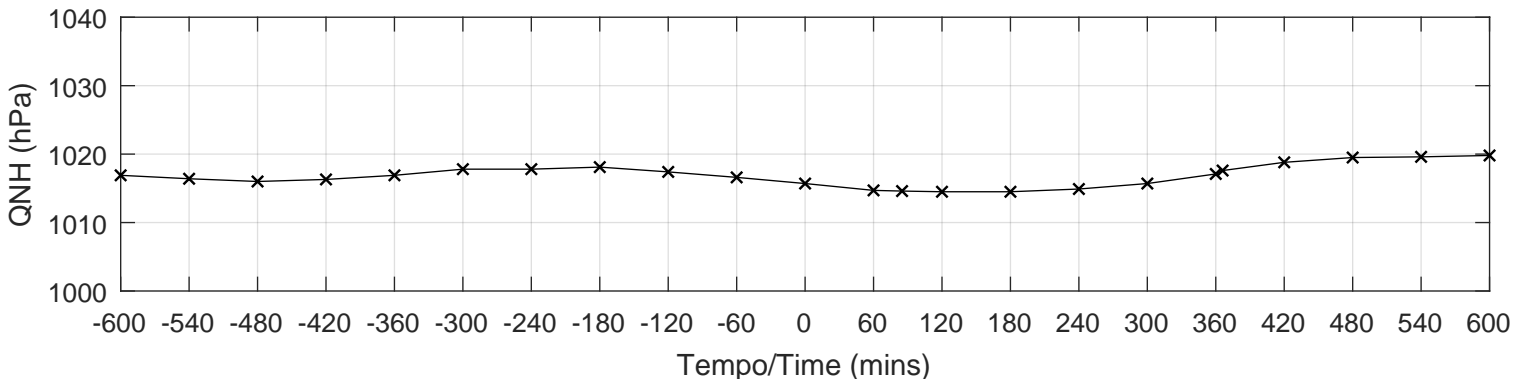
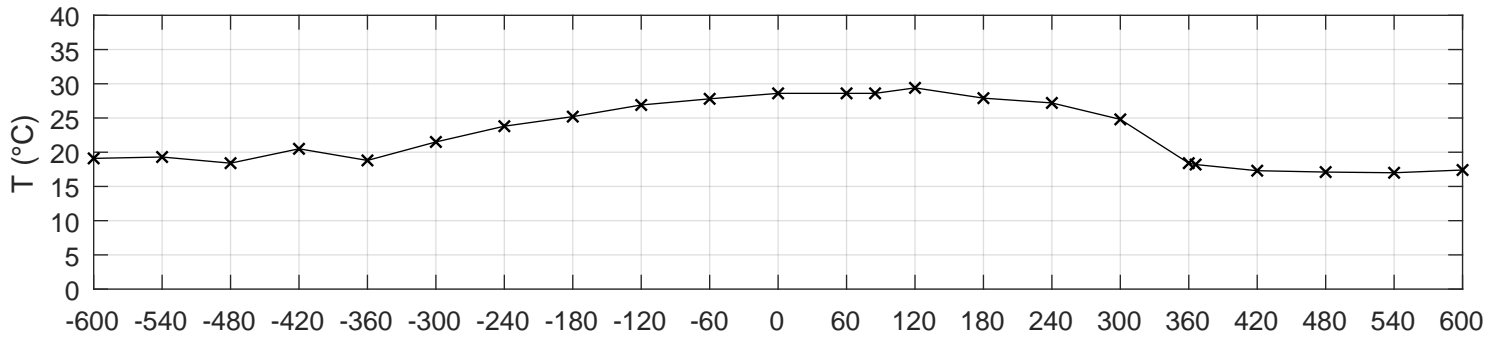
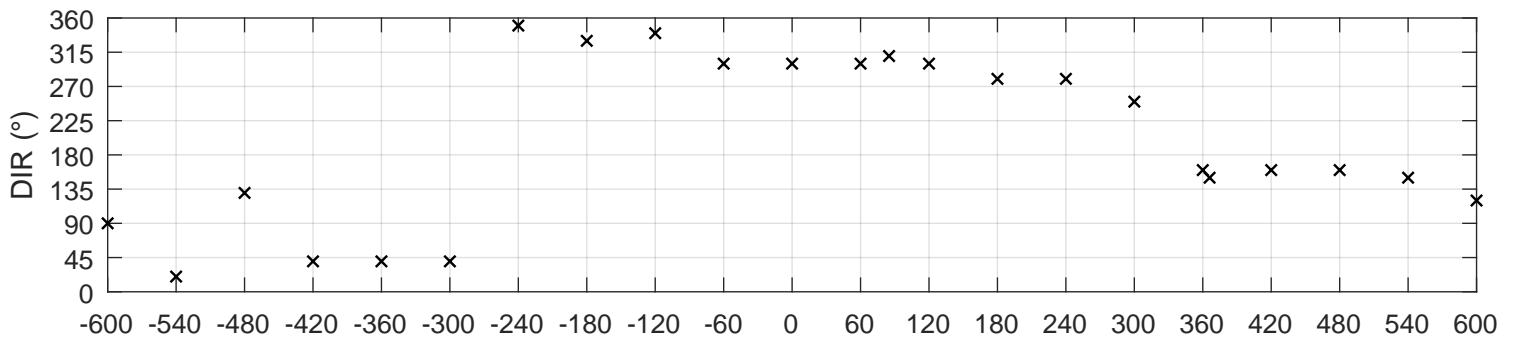
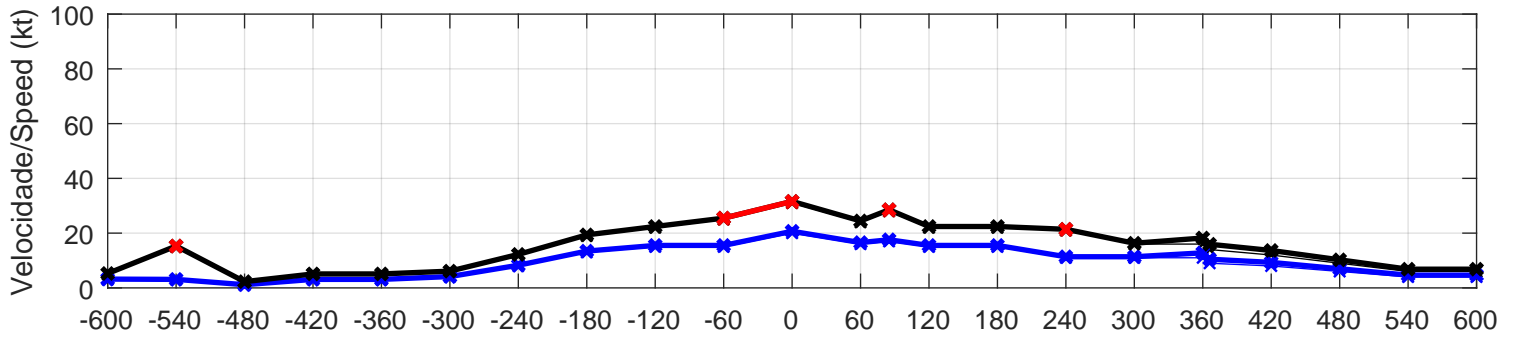
**SBGR-2/83778 EVENTO/EVENT 139 - 22/06/2012, 11:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 31 \text{ kt}$	$R_{-6} = 2.3$	$T_{med,3} = 19.1 \text{ }^\circ\text{C}$	$DIR = 300^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 15 \text{ kt}$	$R_{-3} = 1.8$	$\Delta T_{min,3} = -0.4 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 20^\circ$		SYNOPTIC
$g_V = 2.1$	$R_{+3} = 1.3$	$\Delta Q_{max,3} = 0.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 0^\circ$		(215)
$G_{cor} = 31.6 \text{ kt}$	$R_{+6} = 1.4$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 15.5 \text{ kt}$					



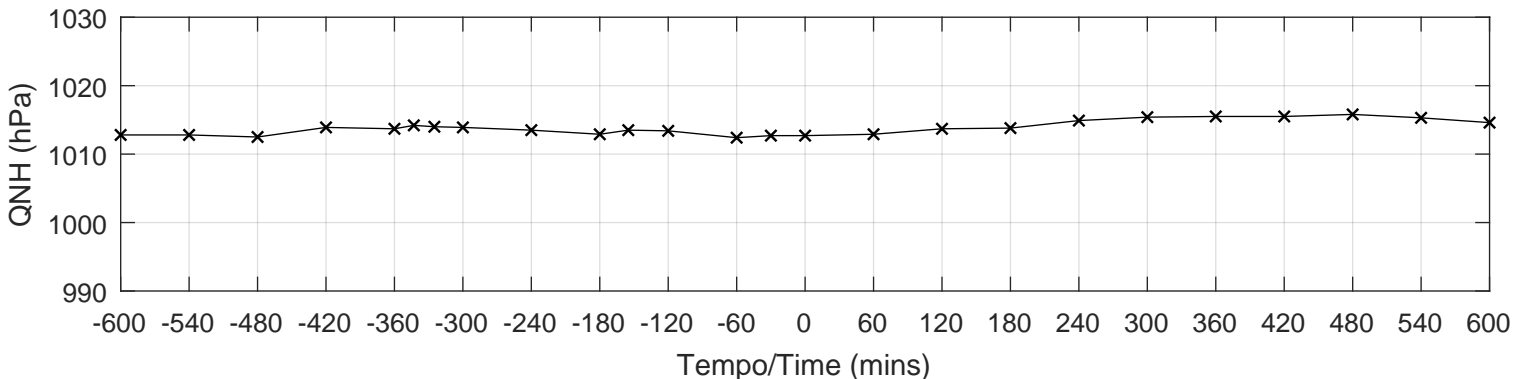
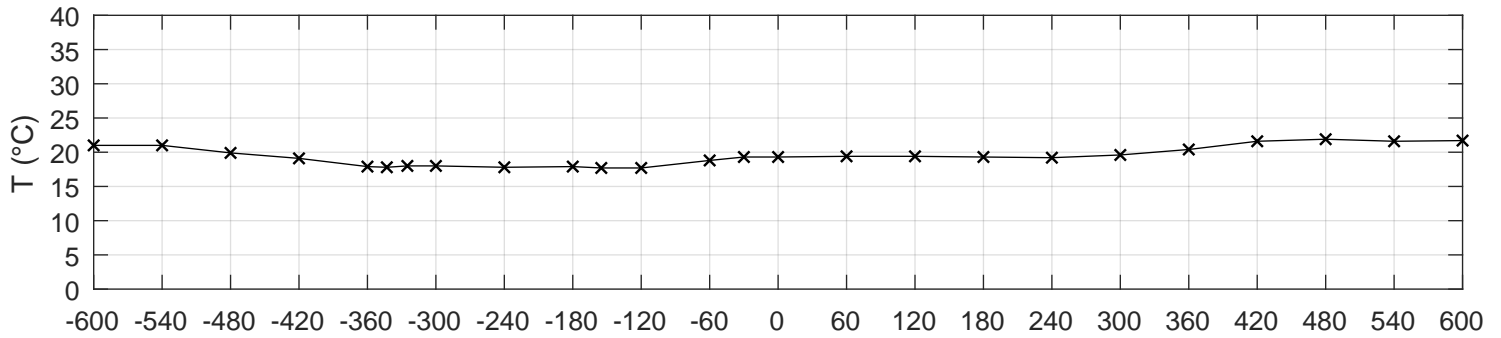
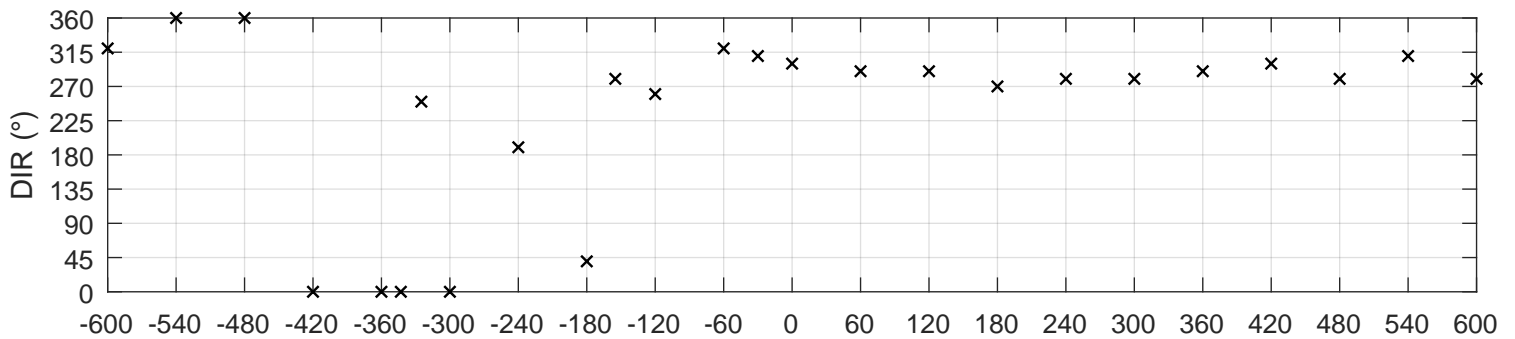
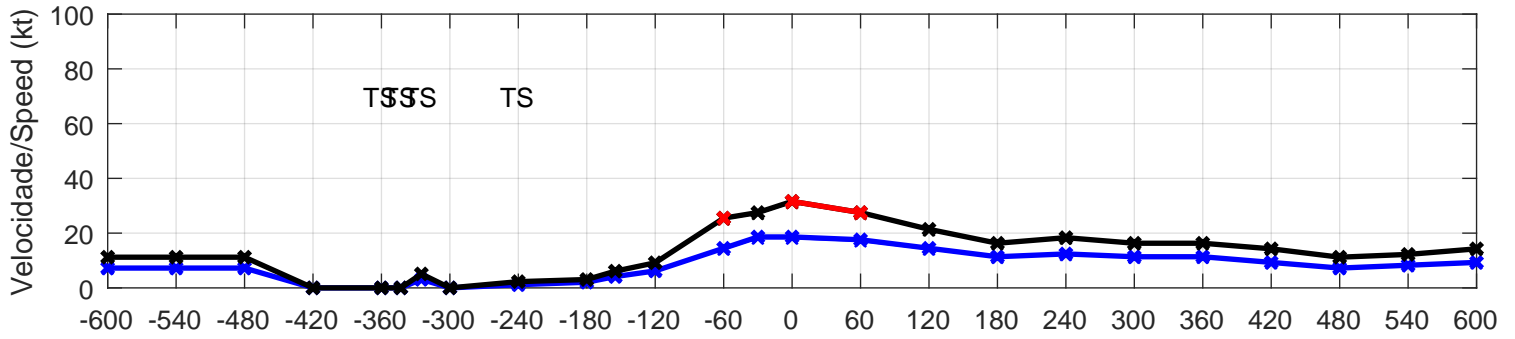
**SBGR-2/83778 EVENTO/EVENT 141 - 19/08/2015, 13:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 31 \text{ kt}$	$R_{-6} = 2.1$	$T_{med,3} = 26.6 \text{ }^\circ\text{C}$	$DIR = 300^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 20 \text{ kt}$	$R_{-3} = 1.4$	$\Delta T_{min,3} = 0.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 40^\circ$		SYNOPTIC
$g_V = 1.6$	$R_{+3} = 1.3$	$\Delta Q_{max,3} = 0.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 20^\circ$		(215)
$G_{cor} = 31.6 \text{ kt}$	$R_{+6} = 1.5$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 20.7 \text{ kt}$					



**SBGR-2/83778 EVENTO/EVENT 142 - 11/09/2015, 03:00 LOCAL (PAS31/2017)**

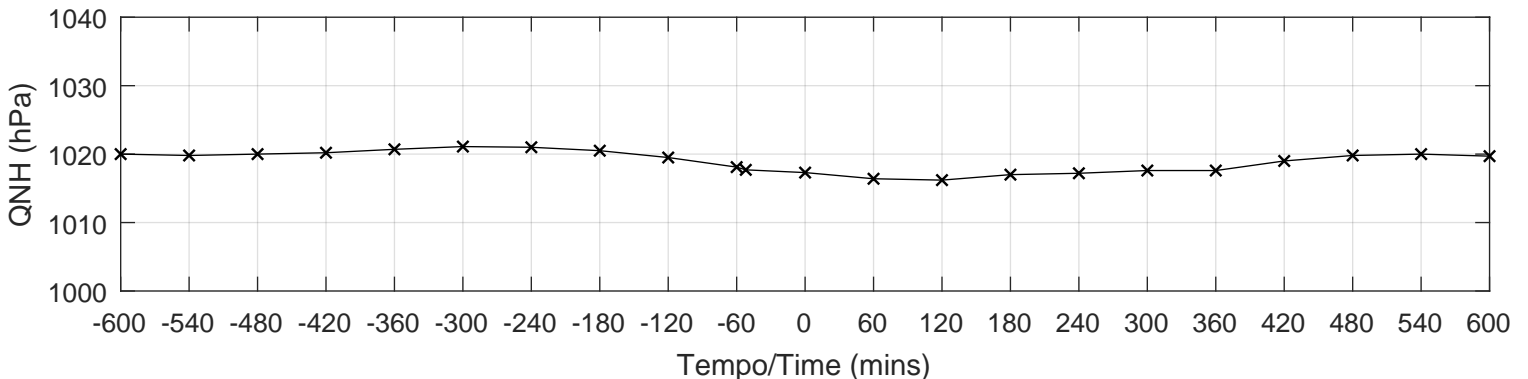
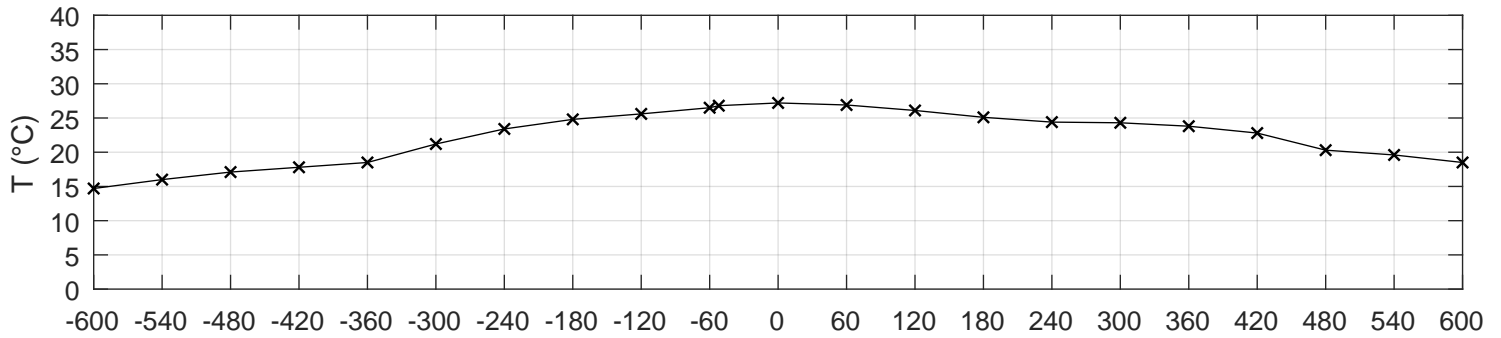
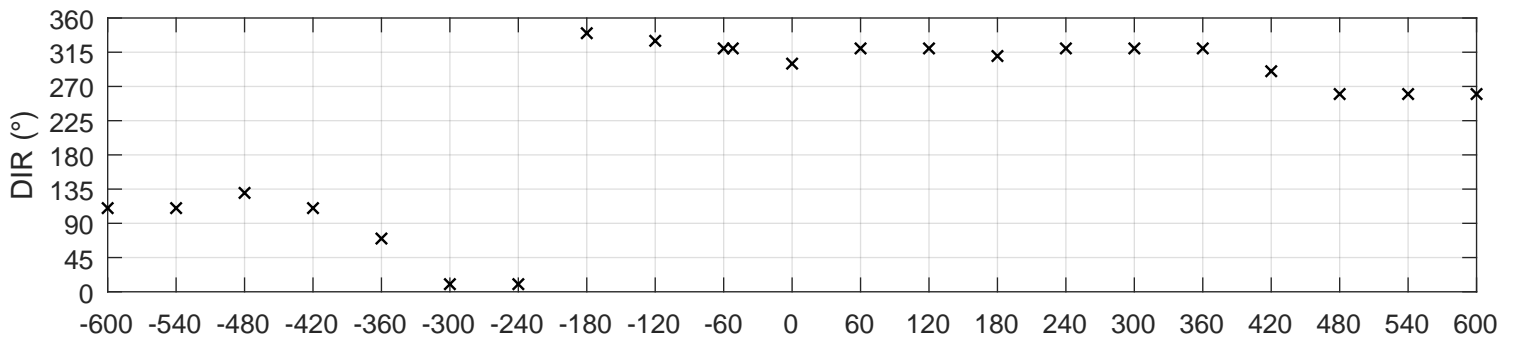
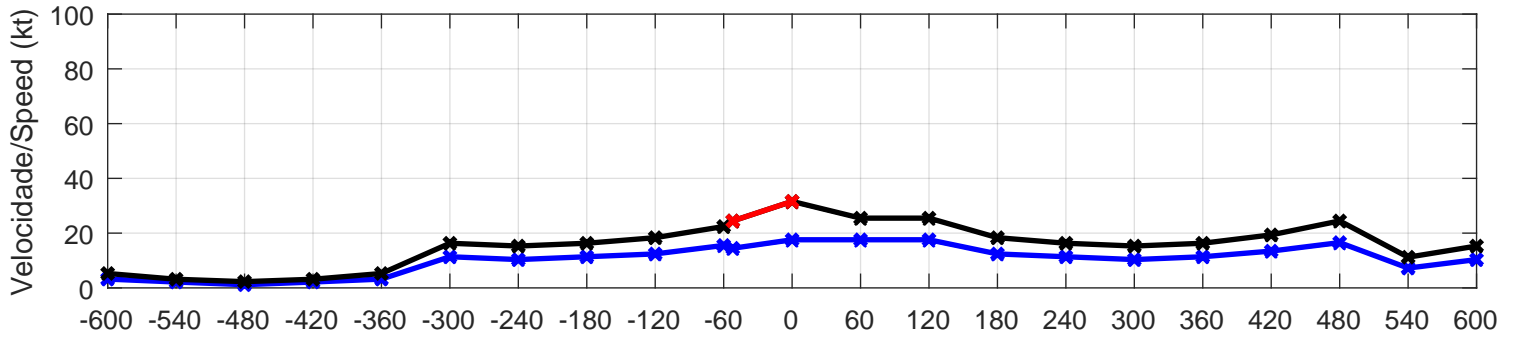
Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 31 \text{ kt}$	$R_{-6} = 4.2$	$T_{med,3} = 18.0 \text{ }^\circ\text{C}$	$DIR = 300^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 18 \text{ kt}$	$R_{-3} = 2.3$	$\Delta T_{min,3} = 0.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 100^\circ$		SYNOPTIC
$g_V = 1.7$	$R_{+3} = 1.5$	$\Delta Q_{max,3} = 0.5 \text{ hPa}$	$\Delta DIR_{max,+3} = 30^\circ$		(214)
$G_{cor} = 31.6 \text{ kt}$	$R_{+6} = 1.6$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 18.6 \text{ kt}$					





**SBGR-2/83778 EVENTO/EVENT 145 - 06/07/2016, 14:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press. $\Delta$ Direction	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 31 \text{ kt}$	$R_{-6} = 2.0$	$T_{med,3} = 25.3 \text{ }^\circ\text{C}$	$DIR = 300^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 17 \text{ kt}$	$R_{-3} = 1.6$	$\Delta T_{min,3} = 0.0 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 40^\circ$		SYNOPTIC
$g_V = 1.8$	$R_{+3} = 1.4$	$\Delta Q_{max,3} = 0.0 \text{ hPa}$	$\Delta DIR_{max,+3} = 20^\circ$		(215)
$G_{cor} = 31.6 \text{ kt}$	$R_{+6} = 1.6$	$\Delta$ Grupo/Group = 3			
$V_{cor} = 17.6 \text{ kt}$					



**SBGR-2/83778 EVENTO/EVENT 146 - 27/10/2016, 17:00 LOCAL (PAS31/2017)**

Valores de Pico Peak Values	Razões de Pico Peak Ratios	$\Delta$ Temp. & Press.	$\Delta$ Direção $\Delta$ Direction	Temp. Elétrica Thunderstorm	Classificação Classification
$G_{obs} = 31 \text{ kt}$	$R_{-6} = 1.5$	$T_{med,3} = 24.2 \text{ }^\circ\text{C}$	$DIR = 290^\circ$	NÃO/NO	SINÓTICO
$V_{obs} = 18 \text{ kt}$	$R_{-3} = 1.5$	$\Delta T_{min,3} = -5.2 \text{ }^\circ\text{C}$	$\Delta DIR_{max,-3} = 30^\circ$		SYNOPTIC
$g_V = 1.7$	$R_{+3} = 2.0$	$\Delta Q_{max,3} = 1.9 \text{ hPa}$	$\Delta DIR_{max,+3} = 10^\circ$		(212)
$G_{cor} = 31.6 \text{ kt}$	$R_{+6} = 1.9$	$\Delta$ Grupo/Group = 1			
$V_{cor} = 18.6 \text{ kt}$					

