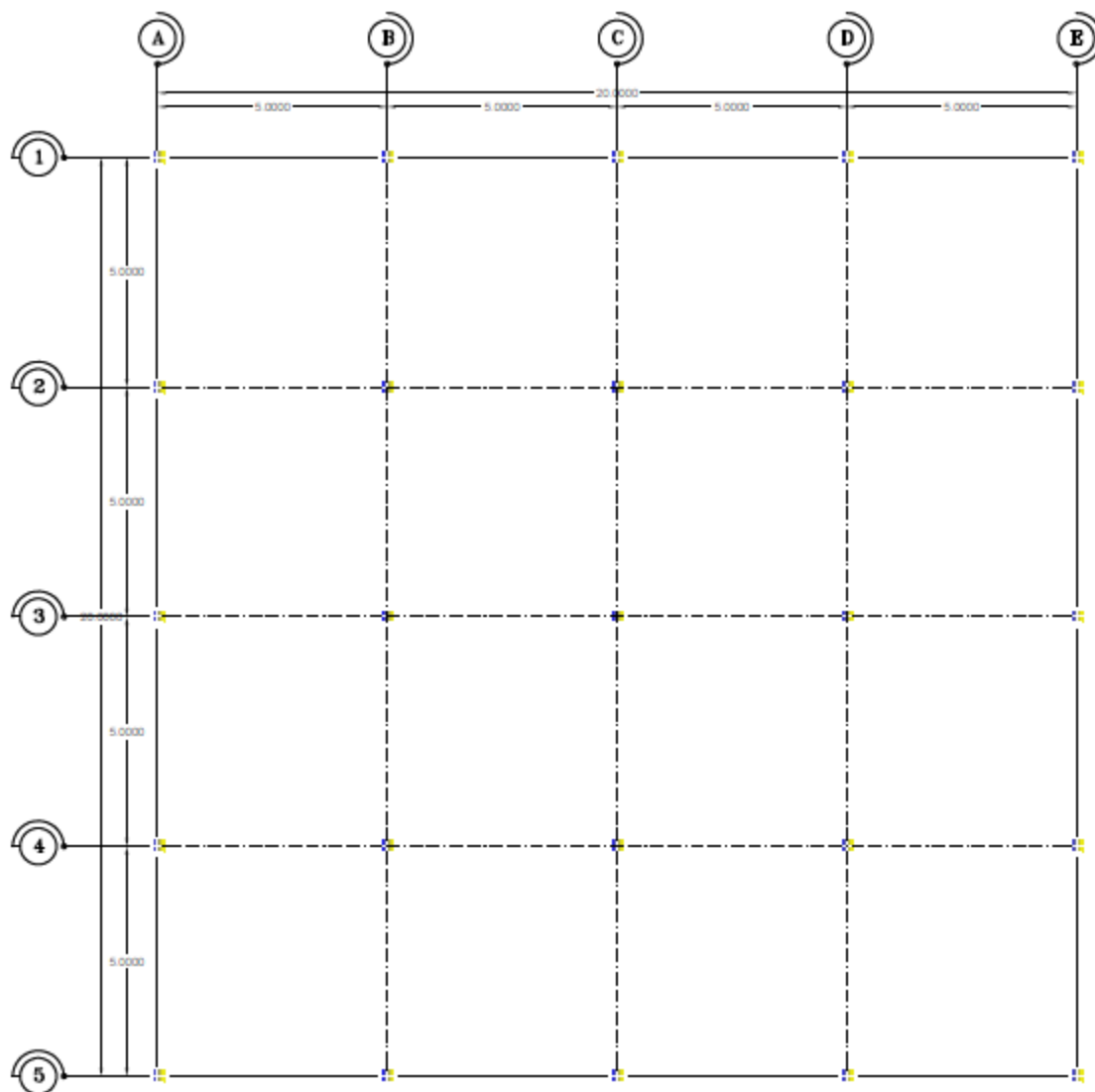


مقدمه

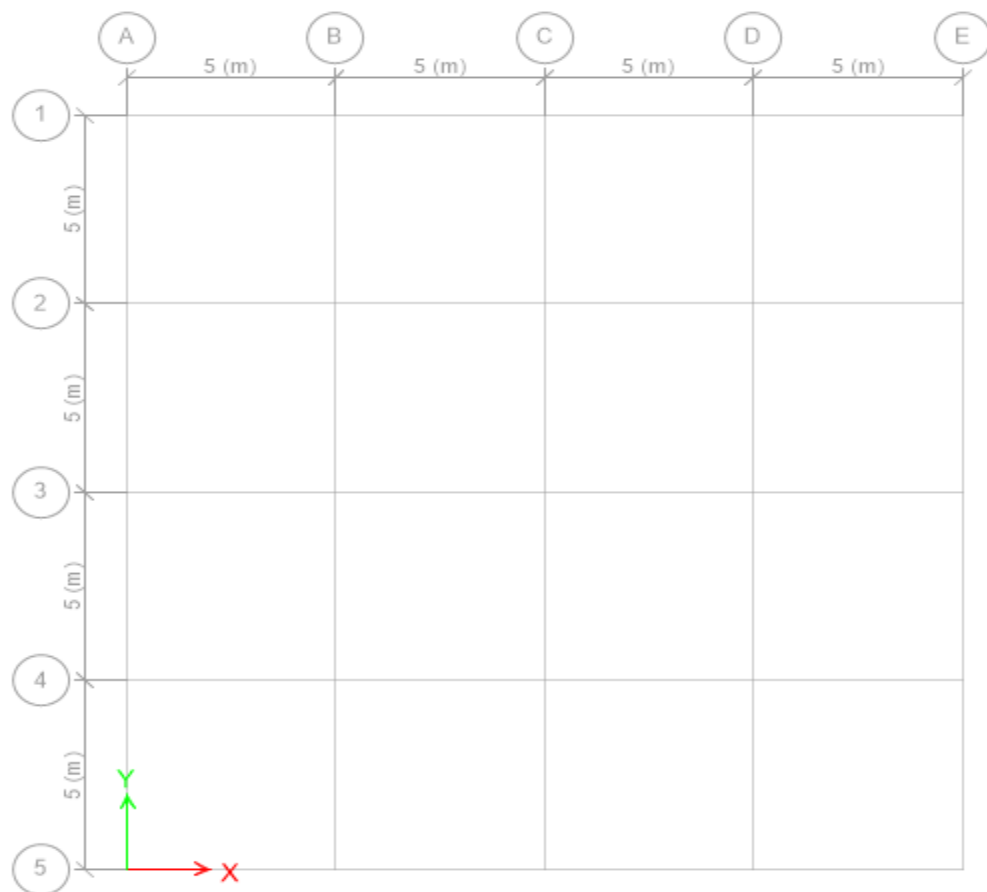
- ✓ مشخصات پروژه
- ✓ سازه ۱ طبقه
- ✓ ارتفاع طبقه ۳.۲ متر
- ✓ نوع خاک ۳
- ✓ پهنه با خطر نسبی خیلی زیاد
- ✓ سیستم باربر ثقلی سقف تیرچه بلوک
- ✓ سیستم باربر جانبی قاب خمشی فولادی متوسط
- ✓ ابعاد پلان ۲۰ در ۲۰ متر
- ✓ کاربری مسکونی
- ✓ نرم افزار ETABS 2016.2.1
- ✓ طراحی سازه بر اساس آیین نامه ایران
- ✓ فولاد مصرفی ST37
- ✓ مقاومت فشاری بتن ۲۵ مگا پاسکال

پلان سازه



شکل ۱ پلان سازه

مدلسازی در نرم افزار




material Property Data

General Data

Material Name: ST37

Material Type: Steel

Directional Symmetry Type: Isotropic

Material Display Color:  Change...

Material Notes: Modify/Show Notes...

Material Weight and Mass

☒ Specify Weight Density ☐ Specify Mass Density

Weight per Unit Volume: 7.85 tonf/m³

Mass per Unit Volume: 0.800477 tonf-s²/m⁴

Mechanical Property Data

Modulus of Elasticity, E: 20000000 tonf/m²

Poisson's Ratio, U: 0.3

Coefficient of Thermal Expansion, A: 0.0000117 1/C

Shear Modulus, G: 7692307.69 tonf/m²

Design Property Data

Modify/Show Material Property Design Data...


Advanced Material Property Data

Nonlinear Material Data... Material Damping Properties...

Time Dependent Properties...

OK Cancel

مصالح بتنی برای سقف تیرچه بلوک

General Data	
Material Name	C0
Material Type	Concrete
Directional Symmetry Type	Isotropic
Material Display Color	 Change...
Material Notes	Modify/Show Notes...

Material Weight and Mass	
<input checked="" type="radio"/> Specify Weight Density	<input type="radio"/> Specify Mass Density
Weight per Unit Volume	0 kgf/cm ³
Mass per Unit Volume	0 kgf-s ² /cm ⁴

Mechanical Property Data	
Modulus of Elasticity, E	2.65E+5 kgf/cm ²
Poisson's Ratio, U	0.15
Coefficient of Thermal Expansion, A	0.0000099 1/C
Shear Modulus, G	115217.39 kgf/cm ²

Design Property Data	
Modify/Show Material Property Design Data...	

Material Name and Type	
Material Name	C0
Material Type	Concrete, Isotropic

Design Properties for Concrete Materials	
Specified Concrete Compressive Strength, f' _c	250 kgf/cm ²
<input type="checkbox"/> Lightweight Concrete	
Shear Strength Reduction Factor	

تعریف سقف تیرچه بلوک

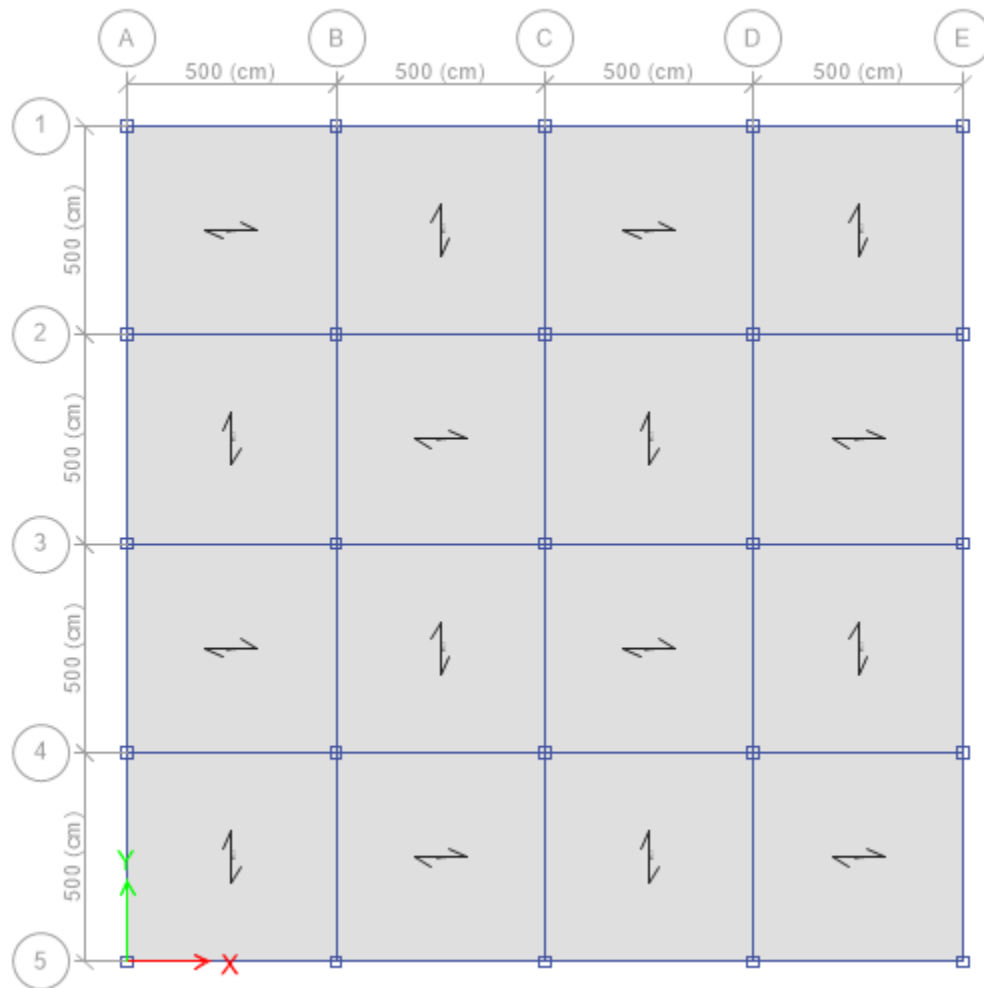
General Data

Property Name	Deck1	
Type	Filled	
Slab Material	C0	...
Deck Material	A992Fy50	...
Modeling Type	Membrane	
Modifiers (Currently Default)	Modify/Show...	
Display Color		Change...
Property Notes	Modify/Show...	

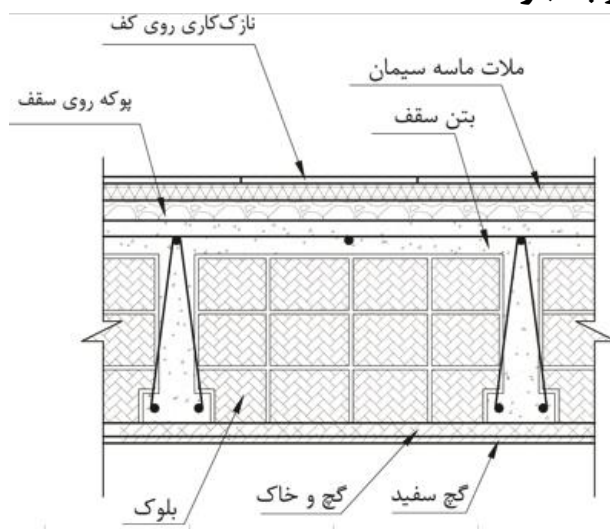
Property Data

Slab Depth, tc	8.75	cm
Rib Depth, hr	7.5	cm
Rib Width Top, wrt	17.5	cm
Rib Width Bottom, wrb	12.5	cm
Rib Spacing, sr	30	cm
Deck Shear Thickness	0.1	cm
Deck Unit Weight	0	kgf/cm ²
Shear Stud Diameter	1.9	cm
Shear Stud Height, hs	15	cm
Shear Stud Tensile Strength, Fu	4078.86	kgf/cm ²

تیرچه ریزی سازه



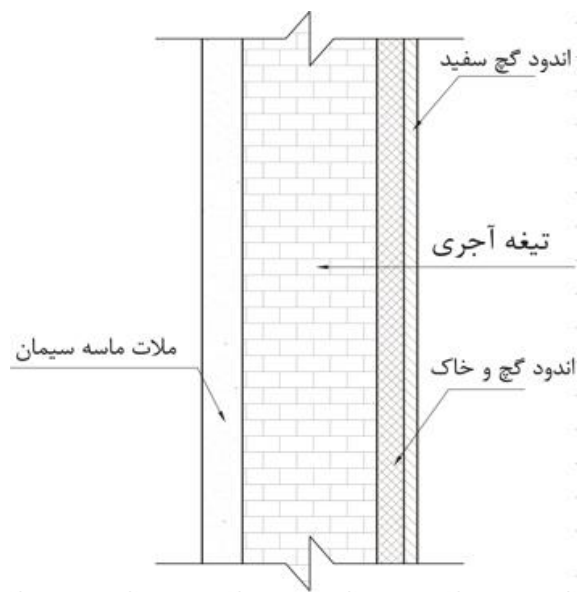
بارگذاری سازه دتایل بارگذاری سقف تیرچه بلوک



وزن واحد سطح (کیلوگرم بر مترمربع)	ضخامت (سانتیمتر)	وزن واحد حجم (کیلوگرم بر متر مکعب)	نام بار
۱۰.۵	۰.۵	۲۱۰۰	سرامیک
۵۲.۵	۲.۵	۲۱۰۰	ملات ماسه سیمان
۹۰	۶	۱۵۰۰	پوکه با خرده آجر
۱۲۵	۵	۲۵۰۰	دال بتنی
۱۲۵	----	۲۵۰۰	چاله بتنی
۸۰	۲۵	----	بلوک سفالی
۳۲	۲	۱۶۰۰	اندود گچ و خاک
۱۳	۱	۱۳۰۰	اندود گچ سفید
۵۲۸	۴۲	مجموع	

ارتفاع بلوک	عرض تیرچه	فاصله تیرچه‌ها	مشخصات تیرچه (سانتیمتر)
25	10	50	

بار مرده دیوارهای پیرامونی

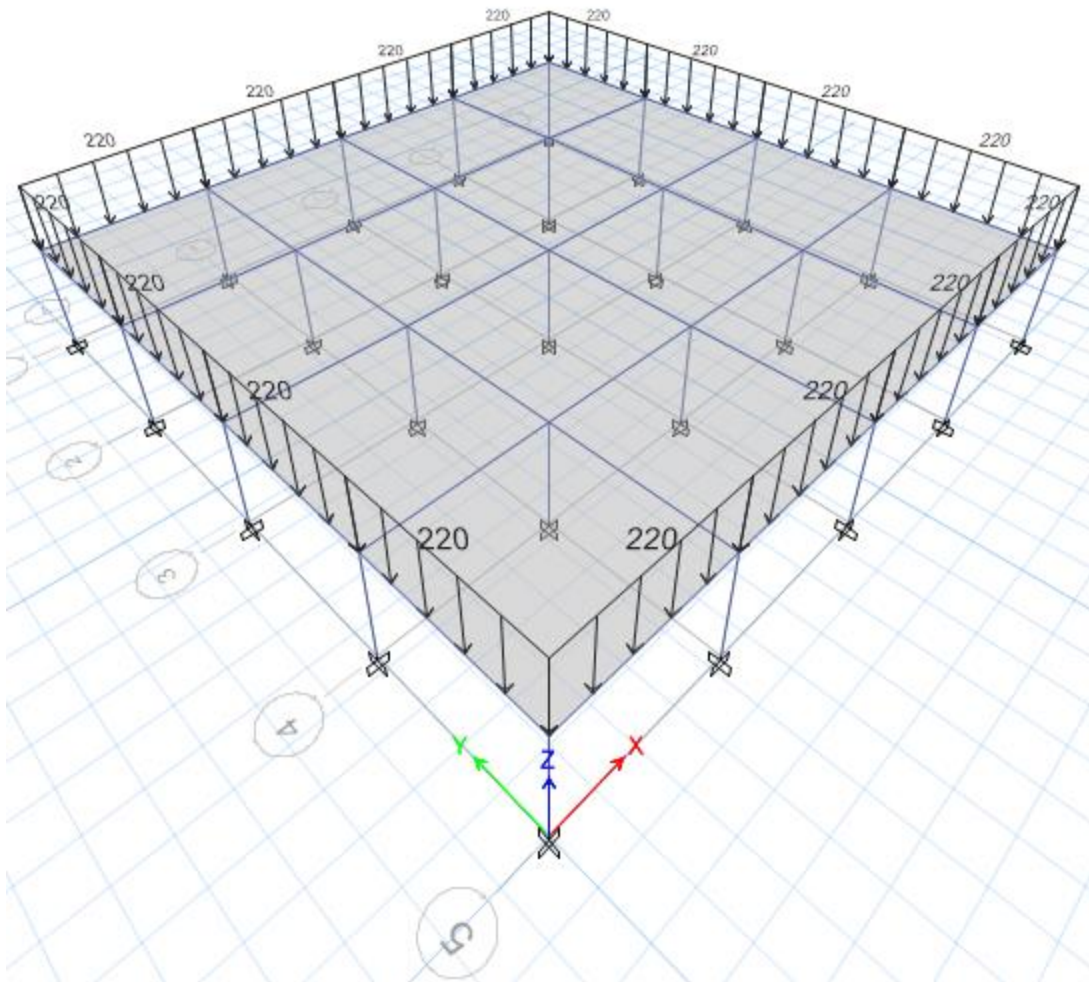


وزن واحد حجم به واحد کیلوگرم بر متر مکعب	ضخامت به سانتیمتر	وزن واحد سطح به واحد کیلوگرم بر متر مربع	نام بار
۱۶۰۰	۲	۳۲	اندود گچ و خاک
۱۳۰۰	۱	۱۳	اندود گچ سفید
۸۵۰	۱۰	۸۵	آجر کاری با آجر مجوف و ملات ماسه سیمان
۲۱۰۰	۲.۵	۵۲.۵	ملات ماسه سیمان
	۱۵.۵	۱۸۲	مجموع

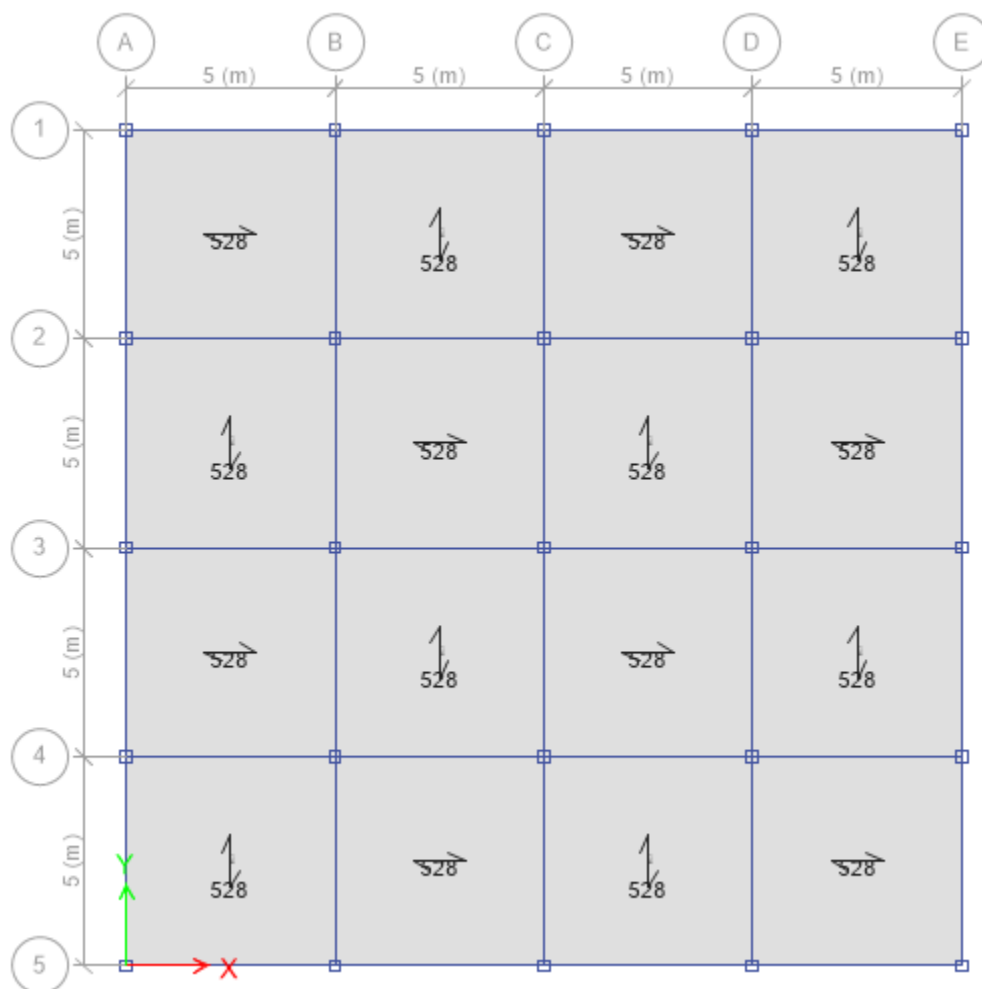
۲.۹	ارتفاع سقف به واحد متر (ارتفاع تیغه چینی یا ارتفاع مفید سقف وارد گردد)
۵۳۰	وزن واحد طول دیوار در برنامه به واحد کیلوگرم بر متر طول دیوار

بار زنده ۲۰۰ کیلوگرم بر متر مربع

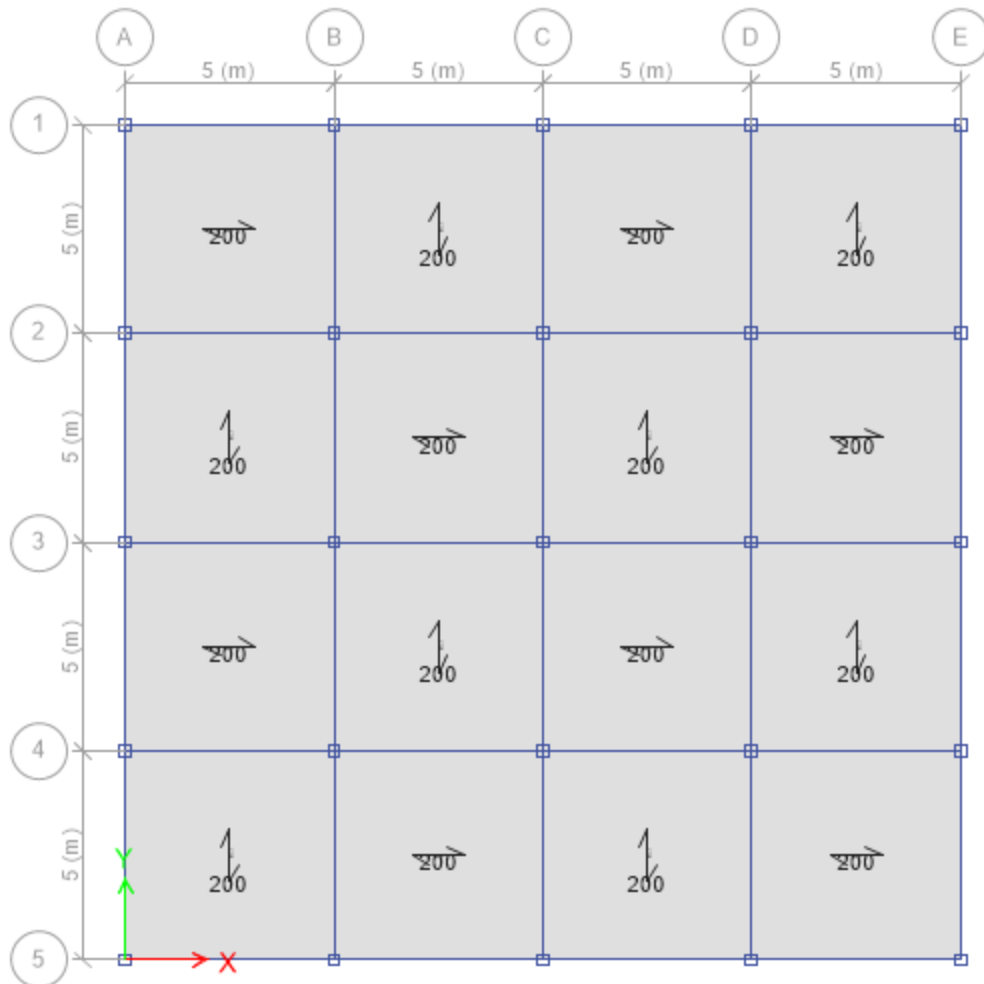
نمایش بارگذاری سازه



نمایش بار وارد بر کفها (بار مرده)



نمایش بار وارد بر کفها (بار زنده)



تعریف اثر پی دلتا

در آیین نامه ایران ضرایب اولین ترکیب بار طراحی برای بار مرده برابر ۱.۲ و برای بار زنده ۱.۰ می باشد

که در این قسمت همین ضرایب را وارد میکنیم.

Preset P-Delta Options

Automation Method

☐ None

☐ Non-iterative - Based on Mass

☒ Iterative - Based on Loads

Iterative P-Delta Load Case

Load Pattern	Scale Factor
Dead	1.2
Dead	1.2
Live	1

Add

Modify

Delete

Relative Convergence Tolerance: 0.0001

OK Cancel

تعریف وزن مؤثر لرزه‌ای

W: وزن مؤثر لرزه‌ای، شامل مجموع بارهای مرده و وزن تأسیسات ثابت و وزن دیوارهای تقسیم‌کننده به اضافه درصدی از بار زنده و بار برف، مطابق جدول (۳-۱). بار زنده باید به صورت تخفیف‌نیافته، مطابق ضوابط مبحث ششم مقررات ملی ساختمان در نظر گرفته شود.

Mass Source Data

Mass Source Name: MsSrc1

Mass Source

- ☐ Element Self Mass
- ☐ Additional Mass
- ☒ Specified Load Patterns
- ☐ Adjust Diaphragm Lateral Mass to Move Mass Centroid by:
 - This Ratio of Diaphragm Width in X Direction:
 - This Ratio of Diaphragm Width in Y Direction:

Mass Multipliers for Load Patterns

Load Pattern	Multiplier
Dead	1
Live	0.2
Mass	1

Mass Options

- ☒ Include Lateral Mass
- ☐ Include Vertical Mass
- ☒ Lump Lateral Mass at Story Levels

OK Cancel

محاسبه ضریب زلزله

نسبت شتاب مبنای طرح به شتاب ثقل	استان	مرکز جمعیتی	
	تهران	تهران	
	پهنه با خطر نسبی خیلی زیاد	منطقه ۱	$A = 0.35$
ضریب اهمیت ساختمان	ساختمان با اهمیت متوسط		$I = 1.0$

ضریب رفتار سازه			
سیستم سازه	سیستم مقاوم در برابر نیروهای جانبی		R_u
قاب خمشی	قاب خمشی فولادی متوسط		5
$H_m = 50 \text{ m}$	$C_d = 4$	$\Omega_0 = 3$	

B ضریب بازتاب سازه				
H = ارتفاع ساختمان از تراز پایه		3.2 m	نوع زمین	III
سازه میانقاب دارد؟		خیر	نوع سیستم	قاب خمشی فولادی
T_0 =	0.15	زمان تناوب اصلی با استفاده از روابط تجربی		$T=0.08 \times H^{0.75} \times (1) =$ 0.191
T_s =	0.7			
S =	1.75	$T =$ Min (تحلیلی، ۱.۲۵ تجربی) = 0.239		
S_0 =	1.1			
T_{ETABS} زمان تناوب نرم افزار				
ضریب اصلاح طیف	$N=I=$	1.000	$B = B_1 N =$ 2.75	
ضریب شکل طیف	$B1=I+S=$	2.750		

$C_{\min} = 0.12 AI =$	0.0420	$K=1=$	1.000
------------------------	--------	--------	-------

$$C_x = \frac{A \times B \times I}{R_u} \Rightarrow C_x = 0.1925$$

$$C_y = \frac{A \times B \times I}{R_u} \Rightarrow C_y = 0.1925$$

معرفی پارامترهای زلزله

$C = \frac{ABI}{R}$ R : ضریب رفتار ساختمان W : وزن مؤثر لرزه‌ای شامل تمام بار مرده و تأسیسات ثابت به اضافه درصدی از بار زنده و بار برف	A : نسبت شتاب مینای طرح B : ضریب بازتاب ساختمان	ایران
--	--	-------

تنظیمات آیین‌نامه طراحی سازه فولادی

	Item	Value
01	Design Code	AISC 360-10
02	Multi-Response Case Design	Step-by-Step - All
03	Framing Type	IMF
04	Seismic Design Category	D
05	Importance Factor	1
06	Design System Rho	1
07	Design System Sds	1.05
08	Design System R	5
09	Design System Omega0	3
10	Design System Cd	4
11	Design Provision	LRFD
12	Analysis Method	Direct Analysis
13	Second Order Method	General 2nd Order
14	Stiffness Reduction Method	Tau-b Variable
15	Add Notional load cases into seismic combos?	No
16	Beta Factor	1.3
17	BetaOmega Factor	1.6
18	Phi(Bending)	0.9

	Item	Value
21	Phi(Tension-Fracture)	0.75
22	Phi(Shear)	0.9
23	Phi(Shear-Short Webed Rolled I)	1
24	Phi(Torsion)	0.9
25	Ignore Seismic Code?	No
26	Ignore Special Seismic Load?	No
27	Is Doubler Plate Plug-Welded?	No
28	HSS Welding Type	SAW
29	Reduce HSS Thickness?	No
30	Consider Deflection?	Yes
31	DL Limit, L /	0
32	Super DL+LL Limit, L /	0
33	Live Load Limit, L /	360
34	Total Limit, L /	240
35	Total-Camber Limit, L /	0
36	Pattern Live Load Factor	0.75
37	Demand/Capacity Ratio Limit	1
38	Max Number of Auto Iterations	1

نسبت نیرو بر ظرفیت

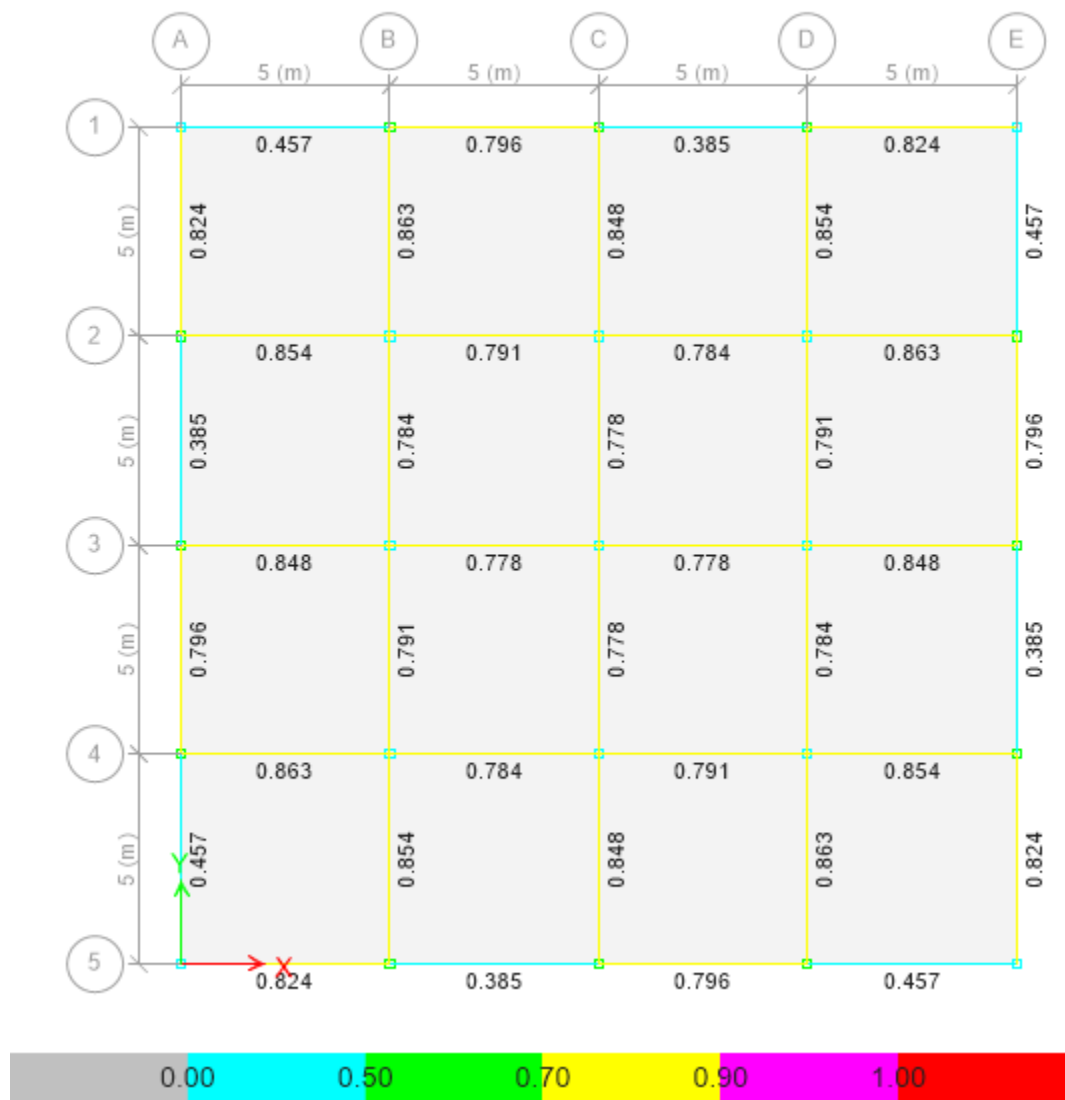


TABLE: Modal Participating Mass Ratios				
Case	Mode	Period	UX	UY
		sec		
Modal	1	0.441	0	1
Modal	2	0.441	1	0
Modal	3	0.402	0	0

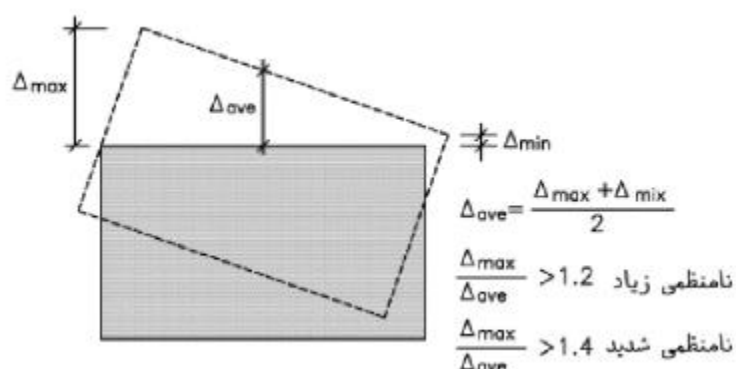
TABLE: Diaphragm Max/Avg Drifts

Story	Load Case/Combo	Item	Max Drift	Avg Drift	Ratio
Story1	EX 1	Diaph D1 X	0.002911	0.002911	1
Story1	EX 2	Diaph D1 X	0.003198	0.002911	1.099
Story1	EX 3	Diaph D1 X	0.003198	0.002911	1.099
Story1	EY 1	Diaph D1 Y	0.002911	0.002911	1
Story1	EY 2	Diaph D1 Y	0.003198	0.002911	1.099
Story1	EY 3	Diaph D1 Y	0.003198	0.002911	1.099

ب-نامنظمی پیچشی: در مواردی که حداکثر تغییرمکان نسبی در یک انتهای ساختمان در هر طبقه، با احتساب پیچش تصادفی و با منظور کردن $A_j = 1/0$

بیشتر از ۲۰ درصد متوسط تغییرمکان نسبی در دو انتهای ساختمان در آن طبقه باشد. در این موارد نامنظمی "زیاد" و در مواردی که این اختلاف بیشتر از ۴۰ درصد باشد، نامنظمی "شدید" پیچشی توصیف می‌شود.

نامنظمی‌های پیچشی تنها در مواردی که دیافراگم‌های کفها صلب و یا نیمه‌صلب هستند کاربرد پیدا می‌کند.



۳-۵ تغییر مکان جانبی نسبی طبقات

۳-۵-۱ تغییر مکان جانبی نسبی واقعی هر طبقه، که اختلاف بین تغییر مکان‌های جانبی واقعی مراکز جرم کف‌های بالا و پایین آن طبقه است، نباید از مقدار مشخصی که

در این بند تعیین شده، تجاوز نماید. این تغییر مکان تنها با استفاده از تحلیل غیرخطی سازه قابل محاسبه است، ولی می‌توان آن را با تقریب خوبی از رابطه زیر به‌دست آورد:

$$\Delta_M = c_d \cdot \Delta_{eu} \quad (۳-۱۱)$$

در این رابطه:

Δ_M = تغییر مکان جانبی نسبی غیرخطی و یا تغییر مکان نسبی واقعی طبقه

C_d = ضریب بزرگنمایی مطابق جدول (۳-۴)

Δ_{eu} = تغییر مکان جانبی نسبی طبقه زیر اثر زلزله طرح، مطابق رابطه (۳-۱)

در مواردی که روش طراحی تنش مجاز است، تغییر مکان جانبی نسبی به‌دست آمده از آن روش باید در ضریب $1/4$ ضرب شود و سپس با مقدار مجاز Δ_a در بند (۳-۵-۲) مقایسه شود.

۳-۵-۲ مقدار Δ_M که با منظور کردن اثر $P-\Delta$ در محاسبه Δ_M به‌دست می‌آید نباید از مقدار مجاز Δ_a زیر تجاوز نماید.

$\Delta_a = 0.025h$ - در ساختمان‌های تا ۵ طبقه

$\Delta_a = 0.020h$ - در سایر ساختمان‌ها

در این روابط h ارتفاع طبقه است.

کنترل دریافت با مقادیر مجاز:

❖ برای ساختمان‌های تا ۵ طبقه

$$\Delta_M \leq \Delta_a \Rightarrow C_d \Delta_{eu} \leq 0.025h \rightarrow \frac{\Delta_{eu}}{h} \leq \frac{0.025}{C_d}$$

❖ برای سایر ساختمان‌ها

$$\Delta_M \leq \Delta_a \Rightarrow C_d \Delta_{eu} \leq 0.020h \rightarrow \frac{\Delta_{eu}}{h} \leq \frac{0.020}{C_d}$$

✓ بر اساس بند ۳-۵-۱ آئین نامه ۲۸۰۰ ویرایش چهارم در سازه‌های منظم کنترل دریافت مرکز جرم

انجام خواهد شد و بر اساس بند ۳-۵-۴ آئین نامه ۲۸۰۰ ویرایش چهارم در سازه‌های نامنظم پیچشی

باید کنترل دریافت برای لبه‌های کناری انجام شود.

کنترل دريغت :

TABLE: Diaphragm Max/Avg Drifts					
Story	Load Case/Combo	Item	Max Drift	Avg Drift	Ratio
Story1	EX 1	Diaph D1 X	0.002911	0.002911	1
Story1	EX 2	Diaph D1 X	0.003198	0.002911	1.099
Story1	EX 3	Diaph D1 X	0.003198	0.002911	1.099
Story1	EY 1	Diaph D1 Y	0.002911	0.002911	1
Story1	EY 2	Diaph D1 Y	0.003198	0.002911	1.099
Story1	EY 3	Diaph D1 Y	0.003198	0.002911	1.099

$$\frac{\Delta_{eu}}{h} = Avg\ Drift < \frac{0.025}{C_d} = \frac{0.025}{4} = 0.00625$$

برش پايله

TABLE: Base Reactions		
Load Case/Combo	FX	FY
	tonf	tonf
EX 1	-53.0104	0
EY 1	0	-53.0104

DCR محاسبه

۳-۳-۳-۲- برآورد نیروها و تغییر شکل‌ها

در روش تحلیل استاتیکی خطی، نیروی جانبی ناشی از زلزله (V) به صورت ضریبی از وزن موثر لرزه‌ای ساختمان (W) محاسبه می‌شود:

$$V = C_s W$$

$$C_s = C_1 C_2 C_m S_a \quad (5-3)$$

که در آن:

W: وزن موثر لرزه‌ای ساختمان، شامل وزن مرده ساختمان مشتمل بر تیغه‌ها و تجهیزات ثابت و ۲۰٪ بار زنده شامل بار برف طبق، میبشت ششم از مجموعه مقررات ملی ساختمان می باشد؛

S_a : شتاب طیفی به ازای زمان تناوب اصلی T است که براساس بخش (۷-۱) این دستورالعمل تعیین می شود؛

C₁: ضریب تصحیح برای در نظر گرفتن تغییر مکان‌های غیرارتجاعی سیستم که به یکی از دو روش زیر محاسبه می‌شود:

$$\begin{aligned} T \leq 0.2 & \rightarrow C_1 = 1 + \frac{25(R_u - 1)}{a} \\ 0.2 < T \leq 1 & \rightarrow C_1 = 1 + \frac{R_u - 1}{aT^2} \\ T > 1 & \rightarrow C_1 = 1 \end{aligned} \quad (9-3)$$

a: ضریب نوع زمین که مطابق جدول (۳-۳) تعیین می گردد.

جدول (۳-۳): ضریب نوع زمین

IV , III	II	I	نوع زمین
60	90	130	a

T: زمان تناوب اصلی سازه شامل اصلاحات مربوط به اثرات اندرکنش خاک و سازه مطابق بند (۳-۲-۶) است.

R_u : نسبت مقاومت که با استفاده از رابطه (۷-۳) یا (۸-۳) محاسبه می شود:

$$R_u = \frac{DCR_{max}}{1.5} C_m \geq 1 \quad (۷-۳)$$

در این رابطه DCR_{max} بزرگترین نسبت نیرو به ظرفیت (DCR) می باشد که برای اعضای اصلی با فرض $C_1 = C_2 = C_m = 1$ محاسبه می شود.

در صورتیکه برش پایه نظیر حد رفتار ارتجاعی سازه، V_e ، در دست باشد:

$$R_u = \frac{S_a}{V_e / W} C_m \quad (۸-۳)$$

در این رابطه S_a شتاب طیفی به ازای زمان تناوب اصلی T است.

۲- با استفاده از رابطه (۹-۳)، در صورتی که نسبت مقاومت R_u مطابق روابط (۷-۳) یا (۸-۳) معلوم نباشد.

$$C_1 = 1 + \frac{T_s - T}{2T_s - 0.2} \quad (۹-۳)$$

در هر صورت مقدار C_1 نباید از ۱ کمتر انتخاب شود.

با توجه به اینکه نوع خاک در این پروژه از نوع III می باشد T_s برابر ۰/۷ بوده و T برابر زمان تناوب سازه است که از نرم افزار به دست خواهیم آورد که مطابق خروجی زیر برابر ۰/۴۴۱ می باشد.

TABLE: Modal Participating Mass Ratios				
Case	Mode	Period	UX	UY
		sec		
Modal	1	0.441	0	1
Modal	2	0.441	1	0
Modal	3	0.402	0	0

$$C_1 = 1 + \frac{0.7 - 0.441}{(2 \times 0.7) - 0.2} = 1.216$$

C_2 : ضریب تصحیح برای اثرات کاهش سختی و مقاومت اعضای سازه ای بر تغییر مکان ها ناشی از زوال چرخه ای؛ که به یکی از

دو روش زیر محاسبه می شود:

۱- با استفاده از رابطه (۱۰-۳)

$$T > 0.7 \rightarrow C_2 = 1$$

$$T < 0.7 \rightarrow C_2 = 1 + \frac{1}{800} \left(\frac{R_u - 1}{T} \right)^2 \quad (۱۰-۳)$$

۲- در غیاب محاسبات دقیق تر، برای تحلیل خطی می توان C_2 را مساوی واحد در نظر گرفت.

با توجه به اینکه برای محاسبه DCR تحلیل خطی انجام می‌دهیم بنا به بند ۲ ضریب C_2 را برابر واحد در نظر می‌گیریم.

$$C_2 = 1$$

C_m : ضریب جرم موثر که برای اعمال اثر موده‌های بالاتر بوده و مطابق جدول (۳-۴) تعیین می‌شود و برای سازه‌های با زمان تناوب اصلی بزرگتر از ۱ باید برابر ۱ در نظر گرفته شود.

جدول (۳-۴): مقادیر ضریب C_m

تعداد طبقات	قاب خمشی بتنی یا فولادی	قاب فولادی مهاربندی شده	سازه با دیوار برشی بتنی	سایر سیستم‌های سازه‌ای
یک یا دو	۱	۱	۱	۱
سه و بیشتر	۰/۹	۰/۹	۰/۸	۱

با توجه به اینکه سازه از نوع قاب خمشی فولادی ۱ طبقه می‌باشد ضریب C_m برابر واحد خواهد بود.

$$C_m = 1$$

ضریب S_a شتاب طیفی به ازای زمان تناوب می‌باشد که برابر نسبت شتاب مبنا در ضریب بازتاب خواهد بود که زمان تناوب ما برابر ۰/۴۴۱ بوده که ضریب B بصورت زیر قابل محاسبه خواهد بود:

$$B = B_1 N = (S + 1) \times 1 = (1.75 + 1) \times 1 = 2.75$$

$$S_a = AB = 0.35 \times 2.75 = 0.9625$$

$$C_s = C_1 C_2 C_m S_a = 1.216 \times 1 \times 1 \times 0.9625 = 1.17$$

حال این ضریب را به عنوان ضریب زلزله به نرم افزار وارد خواهیم نمود.

Seismic Load Pattern - User Defined

Direction and Eccentricity

☒ X Dir ☐ Y Dir

☒ X Dir + Eccentricity ☐ Y Dir + Eccentricity

☒ X Dir - Eccentricity ☐ Y Dir - Eccentricity

Ecc. Ratio (All Diaph.)

Overwrite Eccentricities

Factors

Base Shear Coefficient, C

Building Height Exp., K

Story Range

Top Story

Bottom Story

Seismic Load Pattern - User Defined

Direction and Eccentricity

☐ X Dir
☒ Y Dir

☐ X Dir + Eccentricity
☒ Y Dir + Eccentricity

☐ X Dir - Eccentricity
☒ Y Dir - Eccentricity

Ecc. Ratio (All Diaph.)

Overwrite Eccentricities

Factors

Base Shear Coefficient, C

Building Height Exp., K

Story Range

Top Story

Bottom Story

اصلاح ضریب زلزله

حال برای آنکه مقادیر نیروها را بعد از تحلیل از نرم افزار برداشت نمایم یک ترکیب بار پوش برای ترکیبات بار می سازیم.

Load Combination Data

General Data

Load Combination Name

Combination Type

Notes

Auto Combination

Define Combination of Load Case/Combo Results

Load Name	Scale Factor
UDStIS1	1
UDStIS2	1
UDStIS3	1
UDStIS4	1
UDStIS5	1
UDStIS6	1

ساخت ترکیب بار پوش

تمامی مقاطع ستون ها TUBO200X200X15 بوده که ظرفیت محوری و خمشی و برشی آن مطابق خروجی نرم افزار برابر است با:

ETABS 2016 Steel Frame Design

AISC 360-10 Steel Section Check (Strength Summary)

Element Details

Level	Element	Unique Name	Location (cm)	Combo	Element Type	Section	Classification
Story1	C1	1	0	UDStIS4	Intermediate Moment Frame	TUBO200X200X15	Seismic HD

LLRF and Demand/Capacity Ratio

L (cm)	LLRF	Stress Ratio Limit
320.000	1	1

Analysis and Design Parameters

Provision	Analysis	2nd Order	Reduction
LRFD	Direct Analysis	General 2nd Order	Tau-b Variable

Stiffness Reduction Factors

$\alpha P_r / P_y$	$\alpha P_r / P_e$	τ_b	EA factor	EI factor
0.046	0.009	1	0.8	0.8

Seismic Parameters

Ignore Seismic Code?	Ignore Special EQ Load?	Plug Welded?	SDC	I	Rho	S _{DS}	R	Ω_0	C _d
No	No	No	D	1	1	1.05	5	3	4

Design Code Parameters

Φ_b	Φ_c	Φ_{TY}	Φ_{TF}	Φ_V	Φ_{V-RI}	Φ_{VT}
0.9	0.9	0.9	0.75	0.9	1	1

Section Properties

A (cm ²)	J (cm ⁴)	I ₃₃ (cm ⁴)	I ₂₂ (cm ⁴)	A _{v3} (cm ²)	A _{v2} (cm ²)
111	9497.4	6373.3	6373.3	46.5	46.5

Design Properties

S ₃₃ (cm ³)	S ₂₂ (cm ³)	Z ₃₃ (cm ³)	Z ₂₂ (cm ³)	r ₃₃ (cm)	r ₂₂ (cm)	C _w (cm ⁶)
637.3	637.3	771.8	771.8	7.577	7.577	

Material Properties

E (tonf/cm ²)	f _y (tonf/cm ²)	R _y	α
2000	2.4	1.2	NA

HSS Section Parameters	
HSS Welding	Reduce HSS Thickness?
SAW	Yes

Stress Check forces and Moments						
Location (cm)	P _u (tonf)	M _{u33} (tonf-cm)	M _{u22} (tonf-cm)	V _{u2} (tonf)	V _{u3} (tonf)	T _u (tonf-cm)
0	-12.2551	-2717.399	202.166	0	0	-11.815

Axial Force & Biaxial Moment Design Factors (H1-1b)						
	L Factor	K ₁	K ₂	B ₁	B ₂	C _m
Major Bending	0.925	1	1	1	1	0.381
Minor Bending	0.925	1	1	1	1	0.446

Parameters for Lateral Torsion Buckling

L _{ltb}	K _{ltb}	C _b
0.925	1	2.18

Demand/Capacity (D/C) Ratio Eqn.(H1-1b)

D/C Ratio =	(P _r /2P _c) + (M _{r33} /M _{c33}) + (M _{r22} /M _{c22})
1.779 =	0.028 + 1.63 + 0.121

Axial Force and Capacities

P _u Force (tonf)	φP _{nc} Capacity (tonf)	φP _{nt} Capacity (tonf)
12.2551	221.8458	239.76

Moments and Capacities

	M _u Moment (tonf-cm)	φM _n (tonf-cm)	φM _n No LTB (tonf-cm)	φM _n C _b =1 (tonf-cm)
Major Bending	2717.399	1666.98	1666.98	1666.98
Minor Bending	202.166	1666.98		

Torsion Moment and Capacities

T _u Moment (tonf-cm)	T _n Capacity (tonf-cm)	φT _n Capacity (tonf-cm)
-11.815	1459.747	1313.772

Shear Design

	V _u Force (tonf)	φV _n Capacity (tonf)	Stress Ratio
Major Shear	0	60.264	0.234
Minor Shear	0	60.264	0.02

$$P_n = \frac{221.8458}{0.9} = 246.5 \text{ Tonf}$$

$$M_n = \frac{1666.98}{0.9} = 1852.2 \text{ Tonf.m}$$

$$V_n = \frac{60.264}{0.9} = 66.96 \text{ Tonf}$$

- محاسبه DCR ستون‌ها (برای نیروی محوری)

Story	Column	Load Case/Combo	Station	P	Pn	DCR
			cm	tonf	tonf	P/Pn
Story1	C1	Push Max	0	1.5017	246.5	0.006092
Story1	C1	Push Max	14.8	1.5106	246.5	0.006128
Story1	C1	Push Max	14.8	1.5106	246.5	0.006128
Story1	C1	Push Max	148	1.5907	246.5	0.006453
Story1	C1	Push Max	281.2	1.6708	246.5	0.006778
Story1	C1	Push Max	281.2	1.6708	246.5	0.006778
Story1	C1	Push Max	296	1.6797	246.5	0.006814
Story1	C1	Push Min	0	-12.2551	246.5	0.049716
Story1	C1	Push Min	14.8	-12.2369	246.5	0.049643
Story1	C1	Push Min	14.8	-12.2369	246.5	0.049643
Story1	C1	Push Min	148	-12.0732	246.5	0.048978
Story1	C1	Push Min	281.2	-11.9096	246.5	0.048315
Story1	C1	Push Min	281.2	-11.9096	246.5	0.048315
Story1	C1	Push Min	296	-11.8914	246.5	0.048241
Story1	C2	Push Max	0	-0.7248	246.5	0.00294
Story1	C2	Push Max	14.8	-0.7159	246.5	0.002904
Story1	C2	Push Max	14.8	-0.7159	246.5	0.002904
Story1	C2	Push Max	148	-0.6359	246.5	0.00258
Story1	C2	Push Max	281.2	-0.5558	246.5	0.002255
Story1	C2	Push Max	281.2	-0.5558	246.5	0.002255
Story1	C2	Push Max	296	-0.5469	246.5	0.002219
Story1	C2	Push Min	0	-19.0492	246.5	0.077279
Story1	C2	Push Min	14.8	-19.031	246.5	0.077205
Story1	C2	Push Min	14.8	-19.031	246.5	0.077205
Story1	C2	Push Min	148	-18.8674	246.5	0.076541
Story1	C2	Push Min	281.2	-18.7037	246.5	0.075877
Story1	C2	Push Min	281.2	-18.7037	246.5	0.075877
Story1	C2	Push Min	296	-18.6855	246.5	0.075803
Story1	C3	Push Max	0	-0.8554	246.5	0.00347
Story1	C3	Push Max	14.8	-0.8465	246.5	0.003434
Story1	C3	Push Max	14.8	-0.8465	246.5	0.003434
Story1	C3	Push Max	148	-0.7664	246.5	0.003109
Story1	C3	Push Max	281.2	-0.6863	246.5	0.002784
Story1	C3	Push Max	281.2	-0.6863	246.5	0.002784
Story1	C3	Push Max	296	-0.6774	246.5	0.002748
Story1	C3	Push Min	0	-18.3133	246.5	0.074293
Story1	C3	Push Min	14.8	-18.2951	246.5	0.074219
Story1	C3	Push Min	14.8	-18.2951	246.5	0.074219

Story1	C3	Push Min	148	-18.1314	246.5	0.073555
Story1	C3	Push Min	281.2	-17.9678	246.5	0.072892
Story1	C3	Push Min	281.2	-17.9678	246.5	0.072892
Story1	C3	Push Min	296	-17.9496	246.5	0.072818
Story1	C4	Push Max	0	-0.6289	246.5	0.002551
Story1	C4	Push Max	14.8	-0.62	246.5	0.002515
Story1	C4	Push Max	14.8	-0.62	246.5	0.002515
Story1	C4	Push Max	148	-0.5399	246.5	0.00219
Story1	C4	Push Max	281.2	-0.4598	246.5	0.001865
Story1	C4	Push Max	281.2	-0.4598	246.5	0.001865
Story1	C4	Push Max	296	-0.4509	246.5	0.001829
Story1	C4	Push Min	0	-18.8003	246.5	0.076269
Story1	C4	Push Min	14.8	-18.7821	246.5	0.076195
Story1	C4	Push Min	14.8	-18.7821	246.5	0.076195
Story1	C4	Push Min	148	-18.6185	246.5	0.075531
Story1	C4	Push Min	281.2	-18.4548	246.5	0.074867
Story1	C4	Push Min	281.2	-18.4548	246.5	0.074867
Story1	C4	Push Min	296	-18.4367	246.5	0.074794
Story1	C5	Push Max	0	1.5017	246.5	0.006092
Story1	C5	Push Max	14.8	1.5106	246.5	0.006128
Story1	C5	Push Max	14.8	1.5106	246.5	0.006128
Story1	C5	Push Max	148	1.5907	246.5	0.006453
Story1	C5	Push Max	281.2	1.6708	246.5	0.006778
Story1	C5	Push Max	281.2	1.6708	246.5	0.006778
Story1	C5	Push Max	296	1.6797	246.5	0.006814
Story1	C5	Push Min	0	-12.2551	246.5	0.049716
Story1	C5	Push Min	14.8	-12.2369	246.5	0.049643
Story1	C5	Push Min	14.8	-12.2369	246.5	0.049643
Story1	C5	Push Min	148	-12.0732	246.5	0.048978
Story1	C5	Push Min	281.2	-11.9096	246.5	0.048315
Story1	C5	Push Min	281.2	-11.9096	246.5	0.048315
Story1	C5	Push Min	296	-11.8914	246.5	0.048241
Story1	C6	Push Max	0	-0.6289	246.5	0.002551
Story1	C6	Push Max	14.8	-0.62	246.5	0.002515
Story1	C6	Push Max	14.8	-0.62	246.5	0.002515
Story1	C6	Push Max	148	-0.5399	246.5	0.00219
Story1	C6	Push Max	281.2	-0.4598	246.5	0.001865
Story1	C6	Push Max	281.2	-0.4598	246.5	0.001865
Story1	C6	Push Max	296	-0.4509	246.5	0.001829
Story1	C6	Push Min	0	-18.8003	246.5	0.076269
Story1	C6	Push Min	14.8	-18.7821	246.5	0.076195
Story1	C6	Push Min	14.8	-18.7821	246.5	0.076195
Story1	C6	Push Min	148	-18.6185	246.5	0.075531

Story1	C6	Push Min	281.2	-18.4548	246.5	0.074867
Story1	C6	Push Min	281.2	-18.4548	246.5	0.074867
Story1	C6	Push Min	296	-18.4367	246.5	0.074794
Story1	C7	Push Max	0	-9.0541	246.5	0.036731
Story1	C7	Push Max	14.8	-9.0452	246.5	0.036695
Story1	C7	Push Max	14.8	-9.0452	246.5	0.036695
Story1	C7	Push Max	148	-8.9651	246.5	0.03637
Story1	C7	Push Max	281.2	-8.8851	246.5	0.036045
Story1	C7	Push Max	281.2	-8.8851	246.5	0.036045
Story1	C7	Push Max	296	-8.8762	246.5	0.036009
Story1	C7	Push Min	0	-26.0026	246.5	0.105487
Story1	C7	Push Min	14.8	-25.9844	246.5	0.105413
Story1	C7	Push Min	14.8	-25.9844	246.5	0.105413
Story1	C7	Push Min	148	-25.8207	246.5	0.104749
Story1	C7	Push Min	281.2	-25.6571	246.5	0.104086
Story1	C7	Push Min	281.2	-25.6571	246.5	0.104086
Story1	C7	Push Min	296	-25.6389	246.5	0.104012
Story1	C8	Push Max	0	-8.8678	246.5	0.035975
Story1	C8	Push Max	14.8	-8.8589	246.5	0.035939
Story1	C8	Push Max	14.8	-8.8589	246.5	0.035939
Story1	C8	Push Max	148	-8.7788	246.5	0.035614
Story1	C8	Push Max	281.2	-8.6987	246.5	0.035289
Story1	C8	Push Max	281.2	-8.6987	246.5	0.035289
Story1	C8	Push Max	296	-8.6898	246.5	0.035253
Story1	C8	Push Min	0	-25.5221	246.5	0.103538
Story1	C8	Push Min	14.8	-25.5039	246.5	0.103464
Story1	C8	Push Min	14.8	-25.5039	246.5	0.103464
Story1	C8	Push Min	148	-25.3403	246.5	0.1028
Story1	C8	Push Min	281.2	-25.1766	246.5	0.102136
Story1	C8	Push Min	281.2	-25.1766	246.5	0.102136
Story1	C8	Push Min	296	-25.1584	246.5	0.102062
Story1	C9	Push Max	0	-9.0541	246.5	0.036731
Story1	C9	Push Max	14.8	-9.0452	246.5	0.036695
Story1	C9	Push Max	14.8	-9.0452	246.5	0.036695
Story1	C9	Push Max	148	-8.9651	246.5	0.03637
Story1	C9	Push Max	281.2	-8.8851	246.5	0.036045
Story1	C9	Push Max	281.2	-8.8851	246.5	0.036045
Story1	C9	Push Max	296	-8.8762	246.5	0.036009
Story1	C9	Push Min	0	-26.0026	246.5	0.105487
Story1	C9	Push Min	14.8	-25.9844	246.5	0.105413
Story1	C9	Push Min	14.8	-25.9844	246.5	0.105413
Story1	C9	Push Min	148	-25.8207	246.5	0.104749
Story1	C9	Push Min	281.2	-25.6571	246.5	0.104086

Story1	C9	Push Min	281.2	-25.6571	246.5	0.104086
Story1	C9	Push Min	296	-25.6389	246.5	0.104012
Story1	C10	Push Max	0	-0.7248	246.5	0.00294
Story1	C10	Push Max	14.8	-0.7159	246.5	0.002904
Story1	C10	Push Max	14.8	-0.7159	246.5	0.002904
Story1	C10	Push Max	148	-0.6359	246.5	0.00258
Story1	C10	Push Max	281.2	-0.5558	246.5	0.002255
Story1	C10	Push Max	281.2	-0.5558	246.5	0.002255
Story1	C10	Push Max	296	-0.5469	246.5	0.002219
Story1	C10	Push Min	0	-19.0492	246.5	0.077279
Story1	C10	Push Min	14.8	-19.031	246.5	0.077205
Story1	C10	Push Min	14.8	-19.031	246.5	0.077205
Story1	C10	Push Min	148	-18.8674	246.5	0.076541
Story1	C10	Push Min	281.2	-18.7037	246.5	0.075877
Story1	C10	Push Min	281.2	-18.7037	246.5	0.075877
Story1	C10	Push Min	296	-18.6855	246.5	0.075803
Story1	C11	Push Max	0	-0.8554	246.5	0.00347
Story1	C11	Push Max	14.8	-0.8465	246.5	0.003434
Story1	C11	Push Max	14.8	-0.8465	246.5	0.003434
Story1	C11	Push Max	148	-0.7664	246.5	0.003109
Story1	C11	Push Max	281.2	-0.6863	246.5	0.002784
Story1	C11	Push Max	281.2	-0.6863	246.5	0.002784
Story1	C11	Push Max	296	-0.6774	246.5	0.002748
Story1	C11	Push Min	0	-18.3133	246.5	0.074293
Story1	C11	Push Min	14.8	-18.2951	246.5	0.074219
Story1	C11	Push Min	14.8	-18.2951	246.5	0.074219
Story1	C11	Push Min	148	-18.1314	246.5	0.073555
Story1	C11	Push Min	281.2	-17.9678	246.5	0.072892
Story1	C11	Push Min	281.2	-17.9678	246.5	0.072892
Story1	C11	Push Min	296	-17.9496	246.5	0.072818
Story1	C12	Push Max	0	-8.8678	246.5	0.035975
Story1	C12	Push Max	14.8	-8.8589	246.5	0.035939
Story1	C12	Push Max	14.8	-8.8589	246.5	0.035939
Story1	C12	Push Max	148	-8.7788	246.5	0.035614
Story1	C12	Push Max	281.2	-8.6987	246.5	0.035289
Story1	C12	Push Max	281.2	-8.6987	246.5	0.035289
Story1	C12	Push Max	296	-8.6898	246.5	0.035253
Story1	C12	Push Min	0	-25.5221	246.5	0.103538
Story1	C12	Push Min	14.8	-25.5039	246.5	0.103464
Story1	C12	Push Min	14.8	-25.5039	246.5	0.103464
Story1	C12	Push Min	148	-25.3403	246.5	0.1028
Story1	C12	Push Min	281.2	-25.1766	246.5	0.102136
Story1	C12	Push Min	281.2	-25.1766	246.5	0.102136

Story1	C12	Push Min	296	-25.1584	246.5	0.102062
Story1	C13	Push Max	0	-9.4486	246.5	0.038331
Story1	C13	Push Max	14.8	-9.4397	246.5	0.038295
Story1	C13	Push Max	14.8	-9.4397	246.5	0.038295
Story1	C13	Push Max	148	-9.3596	246.5	0.03797
Story1	C13	Push Max	281.2	-9.2795	246.5	0.037645
Story1	C13	Push Max	281.2	-9.2795	246.5	0.037645
Story1	C13	Push Max	296	-9.2706	246.5	0.037609
Story1	C13	Push Min	0	-24.3781	246.5	0.098897
Story1	C13	Push Min	14.8	-24.3626	246.5	0.098834
Story1	C13	Push Min	14.8	-24.3626	246.5	0.098834
Story1	C13	Push Min	148	-24.2233	246.5	0.098269
Story1	C13	Push Min	281.2	-24.0841	246.5	0.097704
Story1	C13	Push Min	281.2	-24.0841	246.5	0.097704
Story1	C13	Push Min	296	-24.0686	246.5	0.097641
Story1	C14	Push Max	0	-8.8678	246.5	0.035975
Story1	C14	Push Max	14.8	-8.8589	246.5	0.035939
Story1	C14	Push Max	14.8	-8.8589	246.5	0.035939
Story1	C14	Push Max	148	-8.7788	246.5	0.035614
Story1	C14	Push Max	281.2	-8.6987	246.5	0.035289
Story1	C14	Push Max	281.2	-8.6987	246.5	0.035289
Story1	C14	Push Max	296	-8.6898	246.5	0.035253
Story1	C14	Push Min	0	-25.5221	246.5	0.103538
Story1	C14	Push Min	14.8	-25.5039	246.5	0.103464
Story1	C14	Push Min	14.8	-25.5039	246.5	0.103464
Story1	C14	Push Min	148	-25.3403	246.5	0.1028
Story1	C14	Push Min	281.2	-25.1766	246.5	0.102136
Story1	C14	Push Min	281.2	-25.1766	246.5	0.102136
Story1	C14	Push Min	296	-25.1584	246.5	0.102062
Story1	C15	Push Max	0	-0.8554	246.5	0.00347
Story1	C15	Push Max	14.8	-0.8465	246.5	0.003434
Story1	C15	Push Max	14.8	-0.8465	246.5	0.003434
Story1	C15	Push Max	148	-0.7664	246.5	0.003109
Story1	C15	Push Max	281.2	-0.6863	246.5	0.002784
Story1	C15	Push Max	281.2	-0.6863	246.5	0.002784
Story1	C15	Push Max	296	-0.6774	246.5	0.002748
Story1	C15	Push Min	0	-18.3133	246.5	0.074293
Story1	C15	Push Min	14.8	-18.2951	246.5	0.074219
Story1	C15	Push Min	14.8	-18.2951	246.5	0.074219
Story1	C15	Push Min	148	-18.1314	246.5	0.073555
Story1	C15	Push Min	281.2	-17.9678	246.5	0.072892
Story1	C15	Push Min	281.2	-17.9678	246.5	0.072892
Story1	C15	Push Min	296	-17.9496	246.5	0.072818

Story1	C16	Push Max	0	-0.7248	246.5	0.00294
Story1	C16	Push Max	14.8	-0.7159	246.5	0.002904
Story1	C16	Push Max	14.8	-0.7159	246.5	0.002904
Story1	C16	Push Max	148	-0.6359	246.5	0.00258
Story1	C16	Push Max	281.2	-0.5558	246.5	0.002255
Story1	C16	Push Max	281.2	-0.5558	246.5	0.002255
Story1	C16	Push Max	296	-0.5469	246.5	0.002219
Story1	C16	Push Min	0	-19.0492	246.5	0.077279
Story1	C16	Push Min	14.8	-19.031	246.5	0.077205
Story1	C16	Push Min	14.8	-19.031	246.5	0.077205
Story1	C16	Push Min	148	-18.8674	246.5	0.076541
Story1	C16	Push Min	281.2	-18.7037	246.5	0.075877
Story1	C16	Push Min	281.2	-18.7037	246.5	0.075877
Story1	C16	Push Min	296	-18.6855	246.5	0.075803
Story1	C17	Push Max	0	-9.0541	246.5	0.036731
Story1	C17	Push Max	14.8	-9.0452	246.5	0.036695
Story1	C17	Push Max	14.8	-9.0452	246.5	0.036695
Story1	C17	Push Max	148	-8.9651	246.5	0.03637
Story1	C17	Push Max	281.2	-8.8851	246.5	0.036045
Story1	C17	Push Max	281.2	-8.8851	246.5	0.036045
Story1	C17	Push Max	296	-8.8762	246.5	0.036009
Story1	C17	Push Min	0	-26.0026	246.5	0.105487
Story1	C17	Push Min	14.8	-25.9844	246.5	0.105413
Story1	C17	Push Min	14.8	-25.9844	246.5	0.105413
Story1	C17	Push Min	148	-25.8207	246.5	0.104749
Story1	C17	Push Min	281.2	-25.6571	246.5	0.104086
Story1	C17	Push Min	281.2	-25.6571	246.5	0.104086
Story1	C17	Push Min	296	-25.6389	246.5	0.104012
Story1	C18	Push Max	0	-8.8678	246.5	0.035975
Story1	C18	Push Max	14.8	-8.8589	246.5	0.035939
Story1	C18	Push Max	14.8	-8.8589	246.5	0.035939
Story1	C18	Push Max	148	-8.7788	246.5	0.035614
Story1	C18	Push Max	281.2	-8.6987	246.5	0.035289
Story1	C18	Push Max	281.2	-8.6987	246.5	0.035289
Story1	C18	Push Max	296	-8.6898	246.5	0.035253
Story1	C18	Push Min	0	-25.5221	246.5	0.103538
Story1	C18	Push Min	14.8	-25.5039	246.5	0.103464
Story1	C18	Push Min	14.8	-25.5039	246.5	0.103464
Story1	C18	Push Min	148	-25.3403	246.5	0.1028
Story1	C18	Push Min	281.2	-25.1766	246.5	0.102136
Story1	C18	Push Min	281.2	-25.1766	246.5	0.102136
Story1	C18	Push Min	296	-25.1584	246.5	0.102062
Story1	C19	Push Max	0	-9.0541	246.5	0.036731

Story1	C19	Push Max	14.8	-9.0452	246.5	0.036695
Story1	C19	Push Max	14.8	-9.0452	246.5	0.036695
Story1	C19	Push Max	148	-8.9651	246.5	0.03637
Story1	C19	Push Max	281.2	-8.8851	246.5	0.036045
Story1	C19	Push Max	281.2	-8.8851	246.5	0.036045
Story1	C19	Push Max	296	-8.8762	246.5	0.036009
Story1	C19	Push Min	0	-26.0026	246.5	0.105487
Story1	C19	Push Min	14.8	-25.9844	246.5	0.105413
Story1	C19	Push Min	14.8	-25.9844	246.5	0.105413
Story1	C19	Push Min	148	-25.8207	246.5	0.104749
Story1	C19	Push Min	281.2	-25.6571	246.5	0.104086
Story1	C19	Push Min	281.2	-25.6571	246.5	0.104086
Story1	C19	Push Min	296	-25.6389	246.5	0.104012
Story1	C20	Push Max	0	-0.6289	246.5	0.002551
Story1	C20	Push Max	14.8	-0.62	246.5	0.002515
Story1	C20	Push Max	14.8	-0.62	246.5	0.002515
Story1	C20	Push Max	148	-0.5399	246.5	0.00219
Story1	C20	Push Max	281.2	-0.4598	246.5	0.001865
Story1	C20	Push Max	281.2	-0.4598	246.5	0.001865
Story1	C20	Push Max	296	-0.4509	246.5	0.001829
Story1	C20	Push Min	0	-18.8003	246.5	0.076269
Story1	C20	Push Min	14.8	-18.7821	246.5	0.076195
Story1	C20	Push Min	14.8	-18.7821	246.5	0.076195
Story1	C20	Push Min	148	-18.6185	246.5	0.075531
Story1	C20	Push Min	281.2	-18.4548	246.5	0.074867
Story1	C20	Push Min	281.2	-18.4548	246.5	0.074867
Story1	C20	Push Min	296	-18.4367	246.5	0.074794
Story1	C21	Push Max	0	1.5017	246.5	0.006092
Story1	C21	Push Max	14.8	1.5106	246.5	0.006128
Story1	C21	Push Max	14.8	1.5106	246.5	0.006128
Story1	C21	Push Max	148	1.5907	246.5	0.006453
Story1	C21	Push Max	281.2	1.6708	246.5	0.006778
Story1	C21	Push Max	281.2	1.6708	246.5	0.006778
Story1	C21	Push Max	296	1.6797	246.5	0.006814
Story1	C21	Push Min	0	-12.2551	246.5	0.049716
Story1	C21	Push Min	14.8	-12.2369	246.5	0.049643
Story1	C21	Push Min	14.8	-12.2369	246.5	0.049643
Story1	C21	Push Min	148	-12.0732	246.5	0.048978
Story1	C21	Push Min	281.2	-11.9096	246.5	0.048315
Story1	C21	Push Min	281.2	-11.9096	246.5	0.048315
Story1	C21	Push Min	296	-11.8914	246.5	0.048241
Story1	C22	Push Max	0	-0.6289	246.5	0.002551
Story1	C22	Push Max	14.8	-0.62	246.5	0.002515

Story1	C22	Push Max	14.8	-0.62	246.5	0.002515
Story1	C22	Push Max	148	-0.5399	246.5	0.00219
Story1	C22	Push Max	281.2	-0.4598	246.5	0.001865
Story1	C22	Push Max	281.2	-0.4598	246.5	0.001865
Story1	C22	Push Max	296	-0.4509	246.5	0.001829
Story1	C22	Push Min	0	-18.8003	246.5	0.076269
Story1	C22	Push Min	14.8	-18.7821	246.5	0.076195
Story1	C22	Push Min	14.8	-18.7821	246.5	0.076195
Story1	C22	Push Min	148	-18.6185	246.5	0.075531
Story1	C22	Push Min	281.2	-18.4548	246.5	0.074867
Story1	C22	Push Min	281.2	-18.4548	246.5	0.074867
Story1	C22	Push Min	296	-18.4367	246.5	0.074794
Story1	C23	Push Max	0	-0.8554	246.5	0.00347
Story1	C23	Push Max	14.8	-0.8465	246.5	0.003434
Story1	C23	Push Max	14.8	-0.8465	246.5	0.003434
Story1	C23	Push Max	148	-0.7664	246.5	0.003109
Story1	C23	Push Max	281.2	-0.6863	246.5	0.002784
Story1	C23	Push Max	281.2	-0.6863	246.5	0.002784
Story1	C23	Push Max	296	-0.6774	246.5	0.002748
Story1	C23	Push Min	0	-18.3133	246.5	0.074293
Story1	C23	Push Min	14.8	-18.2951	246.5	0.074219
Story1	C23	Push Min	14.8	-18.2951	246.5	0.074219
Story1	C23	Push Min	148	-18.1314	246.5	0.073555
Story1	C23	Push Min	281.2	-17.9678	246.5	0.072892
Story1	C23	Push Min	281.2	-17.9678	246.5	0.072892
Story1	C23	Push Min	296	-17.9496	246.5	0.072818
Story1	C24	Push Max	0	-0.7248	246.5	0.00294
Story1	C24	Push Max	14.8	-0.7159	246.5	0.002904
Story1	C24	Push Max	14.8	-0.7159	246.5	0.002904
Story1	C24	Push Max	148	-0.6359	246.5	0.00258
Story1	C24	Push Max	281.2	-0.5558	246.5	0.002255
Story1	C24	Push Max	281.2	-0.5558	246.5	0.002255
Story1	C24	Push Max	296	-0.5469	246.5	0.002219
Story1	C24	Push Min	0	-19.0492	246.5	0.077279
Story1	C24	Push Min	14.8	-19.031	246.5	0.077205
Story1	C24	Push Min	14.8	-19.031	246.5	0.077205
Story1	C24	Push Min	148	-18.8674	246.5	0.076541
Story1	C24	Push Min	281.2	-18.7037	246.5	0.075877
Story1	C24	Push Min	281.2	-18.7037	246.5	0.075877
Story1	C24	Push Min	296	-18.6855	246.5	0.075803
Story1	C25	Push Max	0	1.5017	246.5	0.006092
Story1	C25	Push Max	14.8	1.5106	246.5	0.006128
Story1	C25	Push Max	14.8	1.5106	246.5	0.006128

Story1	C25	Push Max	148	1.5907	246.5	0.006453
Story1	C25	Push Max	281.2	1.6708	246.5	0.006778
Story1	C25	Push Max	281.2	1.6708	246.5	0.006778
Story1	C25	Push Max	296	1.6797	246.5	0.006814
Story1	C25	Push Min	0	-12.2551	246.5	0.049716
Story1	C25	Push Min	14.8	-12.2369	246.5	0.049643
Story1	C25	Push Min	14.8	-12.2369	246.5	0.049643
Story1	C25	Push Min	148	-12.0732	246.5	0.048978
Story1	C25	Push Min	281.2	-11.9096	246.5	0.048315
Story1	C25	Push Min	281.2	-11.9096	246.5	0.048315
Story1	C25	Push Min	296	-11.8914	246.5	0.048241

- محاسبه DCR ستون‌ها (برای نیروی برشی)

Story	Column	Load Case/Combo	Station	V2	V3	Vn	DCR	DCR
			cm	tonf	tonf	tonf	V2/Vn	V3/Vn
Story1	C1	Push Max	0	11.0579	11.8376	66.96	0.165142	0.176786
Story1	C1	Push Max	14.8	11.0579	11.8376	66.96	0.165142	0.176786
Story1	C1	Push Max	14.8	11.0579	11.8376	66.96	0.165142	0.176786
Story1	C1	Push Max	148	11.0579	11.8376	66.96	0.165142	0.176786
Story1	C1	Push Max	281.2	11.0579	11.8376	66.96	0.165142	0.176786
Story1	C1	Push Max	281.2	11.0579	11.8376	66.96	0.165142	0.176786
Story1	C1	Push Max	296	11.0579	11.8376	66.96	0.165142	0.176786
Story1	C1	Push Min	0	-14.072	-12.0507	66.96	0.210155	0.179969
Story1	C1	Push Min	14.8	-14.072	-12.0507	66.96	0.210155	0.179969
Story1	C1	Push Min	14.8	-14.072	-12.0507	66.96	0.210155	0.179969
Story1	C1	Push Min	148	-14.072	-12.0507	66.96	0.210155	0.179969
Story1	C1	Push Min	281.2	-14.072	-12.0507	66.96	0.210155	0.179969
Story1	C1	Push Min	281.2	-14.072	-12.0507	66.96	0.210155	0.179969
Story1	C1	Push Min	296	-14.072	-12.0507	66.96	0.210155	0.179969
Story1	C2	Push Max	0	10.58	15.3522	66.96	0.158005	0.229274
Story1	C2	Push Max	14.8	10.58	15.3522	66.96	0.158005	0.229274
Story1	C2	Push Max	14.8	10.58	15.3522	66.96	0.158005	0.229274
Story1	C2	Push Max	148	10.58	15.3522	66.96	0.158005	0.229274
Story1	C2	Push Max	281.2	10.58	15.3522	66.96	0.158005	0.229274
Story1	C2	Push Max	281.2	10.58	15.3522	66.96	0.158005	0.229274
Story1	C2	Push Max	296	10.58	15.3522	66.96	0.158005	0.229274
Story1	C2	Push Min	0	-13.0212	-17.6349	66.96	0.194462	0.263365
Story1	C2	Push Min	14.8	-13.0212	-17.6349	66.96	0.194462	0.263365
Story1	C2	Push Min	14.8	-13.0212	-17.6349	66.96	0.194462	0.263365
Story1	C2	Push Min	148	-13.0212	-17.6349	66.96	0.194462	0.263365

Story1	C2	Push Min	281.2	-13.0212	-17.6349	66.96	0.194462	0.263365
Story1	C2	Push Min	281.2	-13.0212	-17.6349	66.96	0.194462	0.263365
Story1	C2	Push Min	296	-13.0212	-17.6349	66.96	0.194462	0.263365
Story1	C3	Push Max	0	10.0448	17.1315	66.96	0.150012	0.255847
Story1	C3	Push Max	14.8	10.0448	17.1315	66.96	0.150012	0.255847
Story1	C3	Push Max	14.8	10.0448	17.1315	66.96	0.150012	0.255847
Story1	C3	Push Max	148	10.0448	17.1315	66.96	0.150012	0.255847
Story1	C3	Push Max	281.2	10.0448	17.1315	66.96	0.150012	0.255847
Story1	C3	Push Max	281.2	10.0448	17.1315	66.96	0.150012	0.255847
Story1	C3	Push Max	296	10.0448	17.1315	66.96	0.150012	0.255847
Story1	C3	Push Min	0	-12.5367	-14.8809	66.96	0.187227	0.222236
Story1	C3	Push Min	14.8	-12.5367	-14.8809	66.96	0.187227	0.222236
Story1	C3	Push Min	14.8	-12.5367	-14.8809	66.96	0.187227	0.222236
Story1	C3	Push Min	148	-12.5367	-14.8809	66.96	0.187227	0.222236
Story1	C3	Push Min	281.2	-12.5367	-14.8809	66.96	0.187227	0.222236
Story1	C3	Push Min	281.2	-12.5367	-14.8809	66.96	0.187227	0.222236
Story1	C3	Push Min	296	-12.5367	-14.8809	66.96	0.187227	0.222236
Story1	C4	Push Max	0	10.5563	15.2621	66.96	0.157651	0.227929
Story1	C4	Push Max	14.8	10.5563	15.2621	66.96	0.157651	0.227929
Story1	C4	Push Max	14.8	10.5563	15.2621	66.96	0.157651	0.227929
Story1	C4	Push Max	148	10.5563	15.2621	66.96	0.157651	0.227929
Story1	C4	Push Max	281.2	10.5563	15.2621	66.96	0.157651	0.227929
Story1	C4	Push Max	281.2	10.5563	15.2621	66.96	0.157651	0.227929
Story1	C4	Push Max	296	10.5563	15.2621	66.96	0.157651	0.227929
Story1	C4	Push Min	0	-13.0993	-17.8709	66.96	0.195629	0.266889
Story1	C4	Push Min	14.8	-13.0993	-17.8709	66.96	0.195629	0.266889
Story1	C4	Push Min	14.8	-13.0993	-17.8709	66.96	0.195629	0.266889
Story1	C4	Push Min	148	-13.0993	-17.8709	66.96	0.195629	0.266889
Story1	C4	Push Min	281.2	-13.0993	-17.8709	66.96	0.195629	0.266889
Story1	C4	Push Min	281.2	-13.0993	-17.8709	66.96	0.195629	0.266889
Story1	C4	Push Min	296	-13.0993	-17.8709	66.96	0.195629	0.266889
Story1	C5	Push Max	0	11.8376	14.072	66.96	0.176786	0.210155
Story1	C5	Push Max	14.8	11.8376	14.072	66.96	0.176786	0.210155
Story1	C5	Push Max	14.8	11.8376	14.072	66.96	0.176786	0.210155
Story1	C5	Push Max	148	11.8376	14.072	66.96	0.176786	0.210155
Story1	C5	Push Max	281.2	11.8376	14.072	66.96	0.176786	0.210155
Story1	C5	Push Max	281.2	11.8376	14.072	66.96	0.176786	0.210155
Story1	C5	Push Max	296	11.8376	14.072	66.96	0.176786	0.210155
Story1	C5	Push Min	0	-12.0507	-11.0579	66.96	0.179969	0.165142
Story1	C5	Push Min	14.8	-12.0507	-11.0579	66.96	0.179969	0.165142
Story1	C5	Push Min	14.8	-12.0507	-11.0579	66.96	0.179969	0.165142
Story1	C5	Push Min	148	-12.0507	-11.0579	66.96	0.179969	0.165142
Story1	C5	Push Min	281.2	-12.0507	-11.0579	66.96	0.179969	0.165142

Story1	C5	Push Min	281.2	-12.0507	-11.0579	66.96	0.179969	0.165142
Story1	C5	Push Min	296	-12.0507	-11.0579	66.96	0.179969	0.165142
Story1	C6	Push Max	0	17.8709	10.5563	66.96	0.266889	0.157651
Story1	C6	Push Max	14.8	17.8709	10.5563	66.96	0.266889	0.157651
Story1	C6	Push Max	14.8	17.8709	10.5563	66.96	0.266889	0.157651
Story1	C6	Push Max	148	17.8709	10.5563	66.96	0.266889	0.157651
Story1	C6	Push Max	281.2	17.8709	10.5563	66.96	0.266889	0.157651
Story1	C6	Push Max	281.2	17.8709	10.5563	66.96	0.266889	0.157651
Story1	C6	Push Max	296	17.8709	10.5563	66.96	0.266889	0.157651
Story1	C6	Push Min	0	-15.2621	-13.0993	66.96	0.227929	0.195629
Story1	C6	Push Min	14.8	-15.2621	-13.0993	66.96	0.227929	0.195629
Story1	C6	Push Min	14.8	-15.2621	-13.0993	66.96	0.227929	0.195629
Story1	C6	Push Min	148	-15.2621	-13.0993	66.96	0.227929	0.195629
Story1	C6	Push Min	281.2	-15.2621	-13.0993	66.96	0.227929	0.195629
Story1	C6	Push Min	281.2	-15.2621	-13.0993	66.96	0.227929	0.195629
Story1	C6	Push Min	296	-15.2621	-13.0993	66.96	0.227929	0.195629
Story1	C7	Push Max	0	15.294	15.1951	66.96	0.228405	0.226928
Story1	C7	Push Max	14.8	15.294	15.1951	66.96	0.228405	0.226928
Story1	C7	Push Max	14.8	15.294	15.1951	66.96	0.228405	0.226928
Story1	C7	Push Max	148	15.294	15.1951	66.96	0.228405	0.226928
Story1	C7	Push Max	281.2	15.294	15.1951	66.96	0.228405	0.226928
Story1	C7	Push Max	281.2	15.294	15.1951	66.96	0.228405	0.226928
Story1	C7	Push Max	296	15.294	15.1951	66.96	0.228405	0.226928
Story1	C7	Push Min	0	-14.9748	-15.0129	66.96	0.223638	0.224207
Story1	C7	Push Min	14.8	-14.9748	-15.0129	66.96	0.223638	0.224207
Story1	C7	Push Min	14.8	-14.9748	-15.0129	66.96	0.223638	0.224207
Story1	C7	Push Min	148	-14.9748	-15.0129	66.96	0.223638	0.224207
Story1	C7	Push Min	281.2	-14.9748	-15.0129	66.96	0.223638	0.224207
Story1	C7	Push Min	281.2	-14.9748	-15.0129	66.96	0.223638	0.224207
Story1	C7	Push Min	296	-14.9748	-15.0129	66.96	0.223638	0.224207
Story1	C8	Push Max	0	14.5459	14.5887	66.96	0.217233	0.217872
Story1	C8	Push Max	14.8	14.5459	14.5887	66.96	0.217233	0.217872
Story1	C8	Push Max	14.8	14.5459	14.5887	66.96	0.217233	0.217872
Story1	C8	Push Max	148	14.5459	14.5887	66.96	0.217233	0.217872
Story1	C8	Push Max	281.2	14.5459	14.5887	66.96	0.217233	0.217872
Story1	C8	Push Max	281.2	14.5459	14.5887	66.96	0.217233	0.217872
Story1	C8	Push Max	296	14.5459	14.5887	66.96	0.217233	0.217872
Story1	C8	Push Min	0	-14.2951	-14.6545	66.96	0.213487	0.218855
Story1	C8	Push Min	14.8	-14.2951	-14.6545	66.96	0.213487	0.218855
Story1	C8	Push Min	14.8	-14.2951	-14.6545	66.96	0.213487	0.218855
Story1	C8	Push Min	148	-14.2951	-14.6545	66.96	0.213487	0.218855
Story1	C8	Push Min	281.2	-14.2951	-14.6545	66.96	0.213487	0.218855
Story1	C8	Push Min	281.2	-14.2951	-14.6545	66.96	0.213487	0.218855

Story1	C8	Push Min	296	-14.2951	-14.6545	66.96	0.213487	0.218855
Story1	C9	Push Max	0	15.1951	14.9748	66.96	0.226928	0.223638
Story1	C9	Push Max	14.8	15.1951	14.9748	66.96	0.226928	0.223638
Story1	C9	Push Max	14.8	15.1951	14.9748	66.96	0.226928	0.223638
Story1	C9	Push Max	148	15.1951	14.9748	66.96	0.226928	0.223638
Story1	C9	Push Max	281.2	15.1951	14.9748	66.96	0.226928	0.223638
Story1	C9	Push Max	281.2	15.1951	14.9748	66.96	0.226928	0.223638
Story1	C9	Push Max	296	15.1951	14.9748	66.96	0.226928	0.223638
Story1	C9	Push Min	0	-15.0129	-15.294	66.96	0.224207	0.228405
Story1	C9	Push Min	14.8	-15.0129	-15.294	66.96	0.224207	0.228405
Story1	C9	Push Min	14.8	-15.0129	-15.294	66.96	0.224207	0.228405
Story1	C9	Push Min	148	-15.0129	-15.294	66.96	0.224207	0.228405
Story1	C9	Push Min	281.2	-15.0129	-15.294	66.96	0.224207	0.228405
Story1	C9	Push Min	281.2	-15.0129	-15.294	66.96	0.224207	0.228405
Story1	C9	Push Min	296	-15.0129	-15.294	66.96	0.224207	0.228405
Story1	C10	Push Max	0	15.3522	13.0212	66.96	0.229274	0.194462
Story1	C10	Push Max	14.8	15.3522	13.0212	66.96	0.229274	0.194462
Story1	C10	Push Max	14.8	15.3522	13.0212	66.96	0.229274	0.194462
Story1	C10	Push Max	148	15.3522	13.0212	66.96	0.229274	0.194462
Story1	C10	Push Max	281.2	15.3522	13.0212	66.96	0.229274	0.194462
Story1	C10	Push Max	281.2	15.3522	13.0212	66.96	0.229274	0.194462
Story1	C10	Push Max	296	15.3522	13.0212	66.96	0.229274	0.194462
Story1	C10	Push Min	0	-17.6349	-10.58	66.96	0.263365	0.158005
Story1	C10	Push Min	14.8	-17.6349	-10.58	66.96	0.263365	0.158005
Story1	C10	Push Min	14.8	-17.6349	-10.58	66.96	0.263365	0.158005
Story1	C10	Push Min	148	-17.6349	-10.58	66.96	0.263365	0.158005
Story1	C10	Push Min	281.2	-17.6349	-10.58	66.96	0.263365	0.158005
Story1	C10	Push Min	281.2	-17.6349	-10.58	66.96	0.263365	0.158005
Story1	C10	Push Min	296	-17.6349	-10.58	66.96	0.263365	0.158005
Story1	C11	Push Max	0	14.8809	10.0448	66.96	0.222236	0.150012
Story1	C11	Push Max	14.8	14.8809	10.0448	66.96	0.222236	0.150012
Story1	C11	Push Max	14.8	14.8809	10.0448	66.96	0.222236	0.150012
Story1	C11	Push Max	148	14.8809	10.0448	66.96	0.222236	0.150012
Story1	C11	Push Max	281.2	14.8809	10.0448	66.96	0.222236	0.150012
Story1	C11	Push Max	281.2	14.8809	10.0448	66.96	0.222236	0.150012
Story1	C11	Push Max	296	14.8809	10.0448	66.96	0.222236	0.150012
Story1	C11	Push Min	0	-17.1315	-12.5367	66.96	0.255847	0.187227
Story1	C11	Push Min	14.8	-17.1315	-12.5367	66.96	0.255847	0.187227
Story1	C11	Push Min	14.8	-17.1315	-12.5367	66.96	0.255847	0.187227
Story1	C11	Push Min	148	-17.1315	-12.5367	66.96	0.255847	0.187227
Story1	C11	Push Min	281.2	-17.1315	-12.5367	66.96	0.255847	0.187227
Story1	C11	Push Min	281.2	-17.1315	-12.5367	66.96	0.255847	0.187227
Story1	C11	Push Min	296	-17.1315	-12.5367	66.96	0.255847	0.187227

Story1	C12	Push Max	0	14.6545	14.5459	66.96	0.218855	0.217233
Story1	C12	Push Max	14.8	14.6545	14.5459	66.96	0.218855	0.217233
Story1	C12	Push Max	14.8	14.6545	14.5459	66.96	0.218855	0.217233
Story1	C12	Push Max	148	14.6545	14.5459	66.96	0.218855	0.217233
Story1	C12	Push Max	281.2	14.6545	14.5459	66.96	0.218855	0.217233
Story1	C12	Push Max	281.2	14.6545	14.5459	66.96	0.218855	0.217233
Story1	C12	Push Max	296	14.6545	14.5459	66.96	0.218855	0.217233
Story1	C12	Push Min	0	-14.5887	-14.2951	66.96	0.217872	0.213487
Story1	C12	Push Min	14.8	-14.5887	-14.2951	66.96	0.217872	0.213487
Story1	C12	Push Min	14.8	-14.5887	-14.2951	66.96	0.217872	0.213487
Story1	C12	Push Min	148	-14.5887	-14.2951	66.96	0.217872	0.213487
Story1	C12	Push Min	281.2	-14.5887	-14.2951	66.96	0.217872	0.213487
Story1	C12	Push Min	281.2	-14.5887	-14.2951	66.96	0.217872	0.213487
Story1	C12	Push Min	296	-14.5887	-14.2951	66.96	0.217872	0.213487
Story1	C13	Push Max	0	13.9298	13.9298	66.96	0.208032	0.208032
Story1	C13	Push Max	14.8	13.9298	13.9298	66.96	0.208032	0.208032
Story1	C13	Push Max	14.8	13.9298	13.9298	66.96	0.208032	0.208032
Story1	C13	Push Max	148	13.9298	13.9298	66.96	0.208032	0.208032
Story1	C13	Push Max	281.2	13.9298	13.9298	66.96	0.208032	0.208032
Story1	C13	Push Max	281.2	13.9298	13.9298	66.96	0.208032	0.208032
Story1	C13	Push Max	296	13.9298	13.9298	66.96	0.208032	0.208032
Story1	C13	Push Min	0	-13.9298	-13.9298	66.96	0.208032	0.208032
Story1	C13	Push Min	14.8	-13.9298	-13.9298	66.96	0.208032	0.208032
Story1	C13	Push Min	14.8	-13.9298	-13.9298	66.96	0.208032	0.208032
Story1	C13	Push Min	148	-13.9298	-13.9298	66.96	0.208032	0.208032
Story1	C13	Push Min	281.2	-13.9298	-13.9298	66.96	0.208032	0.208032
Story1	C13	Push Min	281.2	-13.9298	-13.9298	66.96	0.208032	0.208032
Story1	C13	Push Min	296	-13.9298	-13.9298	66.96	0.208032	0.208032
Story1	C14	Push Max	0	14.5887	14.2951	66.96	0.217872	0.213487
Story1	C14	Push Max	14.8	14.5887	14.2951	66.96	0.217872	0.213487
Story1	C14	Push Max	14.8	14.5887	14.2951	66.96	0.217872	0.213487
Story1	C14	Push Max	148	14.5887	14.2951	66.96	0.217872	0.213487
Story1	C14	Push Max	281.2	14.5887	14.2951	66.96	0.217872	0.213487
Story1	C14	Push Max	281.2	14.5887	14.2951	66.96	0.217872	0.213487
Story1	C14	Push Max	296	14.5887	14.2951	66.96	0.217872	0.213487
Story1	C14	Push Min	0	-14.6545	-14.5459	66.96	0.218855	0.217233
Story1	C14	Push Min	14.8	-14.6545	-14.5459	66.96	0.218855	0.217233
Story1	C14	Push Min	14.8	-14.6545	-14.5459	66.96	0.218855	0.217233
Story1	C14	Push Min	148	-14.6545	-14.5459	66.96	0.218855	0.217233
Story1	C14	Push Min	281.2	-14.6545	-14.5459	66.96	0.218855	0.217233
Story1	C14	Push Min	281.2	-14.6545	-14.5459	66.96	0.218855	0.217233
Story1	C14	Push Min	296	-14.6545	-14.5459	66.96	0.218855	0.217233
Story1	C15	Push Max	0	17.1315	12.5367	66.96	0.255847	0.187227

Story1	C15	Push Max	14.8	17.1315	12.5367	66.96	0.255847	0.187227
Story1	C15	Push Max	14.8	17.1315	12.5367	66.96	0.255847	0.187227
Story1	C15	Push Max	148	17.1315	12.5367	66.96	0.255847	0.187227
Story1	C15	Push Max	281.2	17.1315	12.5367	66.96	0.255847	0.187227
Story1	C15	Push Max	281.2	17.1315	12.5367	66.96	0.255847	0.187227
Story1	C15	Push Max	296	17.1315	12.5367	66.96	0.255847	0.187227
Story1	C15	Push Min	0	-14.8809	-10.0448	66.96	0.222236	0.150012
Story1	C15	Push Min	14.8	-14.8809	-10.0448	66.96	0.222236	0.150012
Story1	C15	Push Min	14.8	-14.8809	-10.0448	66.96	0.222236	0.150012
Story1	C15	Push Min	148	-14.8809	-10.0448	66.96	0.222236	0.150012
Story1	C15	Push Min	281.2	-14.8809	-10.0448	66.96	0.222236	0.150012
Story1	C15	Push Min	281.2	-14.8809	-10.0448	66.96	0.222236	0.150012
Story1	C15	Push Min	296	-14.8809	-10.0448	66.96	0.222236	0.150012
Story1	C16	Push Max	0	17.6349	10.58	66.96	0.263365	0.158005
Story1	C16	Push Max	14.8	17.6349	10.58	66.96	0.263365	0.158005
Story1	C16	Push Max	14.8	17.6349	10.58	66.96	0.263365	0.158005
Story1	C16	Push Max	148	17.6349	10.58	66.96	0.263365	0.158005
Story1	C16	Push Max	281.2	17.6349	10.58	66.96	0.263365	0.158005
Story1	C16	Push Max	281.2	17.6349	10.58	66.96	0.263365	0.158005
Story1	C16	Push Max	296	17.6349	10.58	66.96	0.263365	0.158005
Story1	C16	Push Min	0	-15.3522	-13.0212	66.96	0.229274	0.194462
Story1	C16	Push Min	14.8	-15.3522	-13.0212	66.96	0.229274	0.194462
Story1	C16	Push Min	14.8	-15.3522	-13.0212	66.96	0.229274	0.194462
Story1	C16	Push Min	148	-15.3522	-13.0212	66.96	0.229274	0.194462
Story1	C16	Push Min	281.2	-15.3522	-13.0212	66.96	0.229274	0.194462
Story1	C16	Push Min	281.2	-15.3522	-13.0212	66.96	0.229274	0.194462
Story1	C16	Push Min	296	-15.3522	-13.0212	66.96	0.229274	0.194462
Story1	C17	Push Max	0	15.0129	15.294	66.96	0.224207	0.228405
Story1	C17	Push Max	14.8	15.0129	15.294	66.96	0.224207	0.228405
Story1	C17	Push Max	14.8	15.0129	15.294	66.96	0.224207	0.228405
Story1	C17	Push Max	148	15.0129	15.294	66.96	0.224207	0.228405
Story1	C17	Push Max	281.2	15.0129	15.294	66.96	0.224207	0.228405
Story1	C17	Push Max	281.2	15.0129	15.294	66.96	0.224207	0.228405
Story1	C17	Push Max	296	15.0129	15.294	66.96	0.224207	0.228405
Story1	C17	Push Min	0	-15.1951	-14.9748	66.96	0.226928	0.223638
Story1	C17	Push Min	14.8	-15.1951	-14.9748	66.96	0.226928	0.223638
Story1	C17	Push Min	14.8	-15.1951	-14.9748	66.96	0.226928	0.223638
Story1	C17	Push Min	148	-15.1951	-14.9748	66.96	0.226928	0.223638
Story1	C17	Push Min	281.2	-15.1951	-14.9748	66.96	0.226928	0.223638
Story1	C17	Push Min	281.2	-15.1951	-14.9748	66.96	0.226928	0.223638
Story1	C17	Push Min	296	-15.1951	-14.9748	66.96	0.226928	0.223638
Story1	C18	Push Max	0	14.2951	14.6545	66.96	0.213487	0.218855
Story1	C18	Push Max	14.8	14.2951	14.6545	66.96	0.213487	0.218855

Story1	C18	Push Max	14.8	14.2951	14.6545	66.96	0.213487	0.218855
Story1	C18	Push Max	148	14.2951	14.6545	66.96	0.213487	0.218855
Story1	C18	Push Max	281.2	14.2951	14.6545	66.96	0.213487	0.218855
Story1	C18	Push Max	281.2	14.2951	14.6545	66.96	0.213487	0.218855
Story1	C18	Push Max	296	14.2951	14.6545	66.96	0.213487	0.218855
Story1	C18	Push Min	0	-14.5459	-14.5887	66.96	0.217233	0.217872
Story1	C18	Push Min	14.8	-14.5459	-14.5887	66.96	0.217233	0.217872
Story1	C18	Push Min	14.8	-14.5459	-14.5887	66.96	0.217233	0.217872
Story1	C18	Push Min	148	-14.5459	-14.5887	66.96	0.217233	0.217872
Story1	C18	Push Min	281.2	-14.5459	-14.5887	66.96	0.217233	0.217872
Story1	C18	Push Min	281.2	-14.5459	-14.5887	66.96	0.217233	0.217872
Story1	C18	Push Min	296	-14.5459	-14.5887	66.96	0.217233	0.217872
Story1	C19	Push Max	0	14.9748	15.0129	66.96	0.223638	0.224207
Story1	C19	Push Max	14.8	14.9748	15.0129	66.96	0.223638	0.224207
Story1	C19	Push Max	14.8	14.9748	15.0129	66.96	0.223638	0.224207
Story1	C19	Push Max	148	14.9748	15.0129	66.96	0.223638	0.224207
Story1	C19	Push Max	281.2	14.9748	15.0129	66.96	0.223638	0.224207
Story1	C19	Push Max	281.2	14.9748	15.0129	66.96	0.223638	0.224207
Story1	C19	Push Max	296	14.9748	15.0129	66.96	0.223638	0.224207
Story1	C19	Push Min	0	-15.294	-15.1951	66.96	0.228405	0.226928
Story1	C19	Push Min	14.8	-15.294	-15.1951	66.96	0.228405	0.226928
Story1	C19	Push Min	14.8	-15.294	-15.1951	66.96	0.228405	0.226928
Story1	C19	Push Min	148	-15.294	-15.1951	66.96	0.228405	0.226928
Story1	C19	Push Min	281.2	-15.294	-15.1951	66.96	0.228405	0.226928
Story1	C19	Push Min	281.2	-15.294	-15.1951	66.96	0.228405	0.226928
Story1	C19	Push Min	296	-15.294	-15.1951	66.96	0.228405	0.226928
Story1	C20	Push Max	0	15.2621	13.0993	66.96	0.227929	0.195629
Story1	C20	Push Max	14.8	15.2621	13.0993	66.96	0.227929	0.195629
Story1	C20	Push Max	14.8	15.2621	13.0993	66.96	0.227929	0.195629
Story1	C20	Push Max	148	15.2621	13.0993	66.96	0.227929	0.195629
Story1	C20	Push Max	281.2	15.2621	13.0993	66.96	0.227929	0.195629
Story1	C20	Push Max	281.2	15.2621	13.0993	66.96	0.227929	0.195629
Story1	C20	Push Max	296	15.2621	13.0993	66.96	0.227929	0.195629
Story1	C20	Push Min	0	-17.8709	-10.5563	66.96	0.266889	0.157651
Story1	C20	Push Min	14.8	-17.8709	-10.5563	66.96	0.266889	0.157651
Story1	C20	Push Min	14.8	-17.8709	-10.5563	66.96	0.266889	0.157651
Story1	C20	Push Min	148	-17.8709	-10.5563	66.96	0.266889	0.157651
Story1	C20	Push Min	281.2	-17.8709	-10.5563	66.96	0.266889	0.157651
Story1	C20	Push Min	281.2	-17.8709	-10.5563	66.96	0.266889	0.157651
Story1	C20	Push Min	296	-17.8709	-10.5563	66.96	0.266889	0.157651
Story1	C21	Push Max	0	12.0507	11.0579	66.96	0.179969	0.165142
Story1	C21	Push Max	14.8	12.0507	11.0579	66.96	0.179969	0.165142
Story1	C21	Push Max	14.8	12.0507	11.0579	66.96	0.179969	0.165142

Story1	C21	Push Max	148	12.0507	11.0579	66.96	0.179969	0.165142
Story1	C21	Push Max	281.2	12.0507	11.0579	66.96	0.179969	0.165142
Story1	C21	Push Max	281.2	12.0507	11.0579	66.96	0.179969	0.165142
Story1	C21	Push Max	296	12.0507	11.0579	66.96	0.179969	0.165142
Story1	C21	Push Min	0	-11.8376	-14.072	66.96	0.176786	0.210155
Story1	C21	Push Min	14.8	-11.8376	-14.072	66.96	0.176786	0.210155
Story1	C21	Push Min	14.8	-11.8376	-14.072	66.96	0.176786	0.210155
Story1	C21	Push Min	148	-11.8376	-14.072	66.96	0.176786	0.210155
Story1	C21	Push Min	281.2	-11.8376	-14.072	66.96	0.176786	0.210155
Story1	C21	Push Min	281.2	-11.8376	-14.072	66.96	0.176786	0.210155
Story1	C21	Push Min	296	-11.8376	-14.072	66.96	0.176786	0.210155
Story1	C22	Push Max	0	13.0993	17.8709	66.96	0.195629	0.266889
Story1	C22	Push Max	14.8	13.0993	17.8709	66.96	0.195629	0.266889
Story1	C22	Push Max	14.8	13.0993	17.8709	66.96	0.195629	0.266889
Story1	C22	Push Max	148	13.0993	17.8709	66.96	0.195629	0.266889
Story1	C22	Push Max	281.2	13.0993	17.8709	66.96	0.195629	0.266889
Story1	C22	Push Max	281.2	13.0993	17.8709	66.96	0.195629	0.266889
Story1	C22	Push Max	296	13.0993	17.8709	66.96	0.195629	0.266889
Story1	C22	Push Min	0	-10.5563	-15.2621	66.96	0.157651	0.227929
Story1	C22	Push Min	14.8	-10.5563	-15.2621	66.96	0.157651	0.227929
Story1	C22	Push Min	14.8	-10.5563	-15.2621	66.96	0.157651	0.227929
Story1	C22	Push Min	148	-10.5563	-15.2621	66.96	0.157651	0.227929
Story1	C22	Push Min	281.2	-10.5563	-15.2621	66.96	0.157651	0.227929
Story1	C22	Push Min	281.2	-10.5563	-15.2621	66.96	0.157651	0.227929
Story1	C22	Push Min	296	-10.5563	-15.2621	66.96	0.157651	0.227929
Story1	C23	Push Max	0	12.5367	14.8809	66.96	0.187227	0.222236
Story1	C23	Push Max	14.8	12.5367	14.8809	66.96	0.187227	0.222236
Story1	C23	Push Max	14.8	12.5367	14.8809	66.96	0.187227	0.222236
Story1	C23	Push Max	148	12.5367	14.8809	66.96	0.187227	0.222236
Story1	C23	Push Max	281.2	12.5367	14.8809	66.96	0.187227	0.222236
Story1	C23	Push Max	281.2	12.5367	14.8809	66.96	0.187227	0.222236
Story1	C23	Push Max	296	12.5367	14.8809	66.96	0.187227	0.222236
Story1	C23	Push Min	0	-10.0448	-17.1315	66.96	0.150012	0.255847
Story1	C23	Push Min	14.8	-10.0448	-17.1315	66.96	0.150012	0.255847
Story1	C23	Push Min	14.8	-10.0448	-17.1315	66.96	0.150012	0.255847
Story1	C23	Push Min	148	-10.0448	-17.1315	66.96	0.150012	0.255847
Story1	C23	Push Min	281.2	-10.0448	-17.1315	66.96	0.150012	0.255847
Story1	C23	Push Min	281.2	-10.0448	-17.1315	66.96	0.150012	0.255847
Story1	C23	Push Min	296	-10.0448	-17.1315	66.96	0.150012	0.255847
Story1	C24	Push Max	0	13.0212	17.6349	66.96	0.194462	0.263365
Story1	C24	Push Max	14.8	13.0212	17.6349	66.96	0.194462	0.263365
Story1	C24	Push Max	14.8	13.0212	17.6349	66.96	0.194462	0.263365
Story1	C24	Push Max	148	13.0212	17.6349	66.96	0.194462	0.263365

Story1	C24	Push Max	281.2	13.0212	17.6349	66.96	0.194462	0.263365
Story1	C24	Push Max	281.2	13.0212	17.6349	66.96	0.194462	0.263365
Story1	C24	Push Max	296	13.0212	17.6349	66.96	0.194462	0.263365
Story1	C24	Push Min	0	-10.58	-15.3522	66.96	0.158005	0.229274
Story1	C24	Push Min	14.8	-10.58	-15.3522	66.96	0.158005	0.229274
Story1	C24	Push Min	14.8	-10.58	-15.3522	66.96	0.158005	0.229274
Story1	C24	Push Min	148	-10.58	-15.3522	66.96	0.158005	0.229274
Story1	C24	Push Min	281.2	-10.58	-15.3522	66.96	0.158005	0.229274
Story1	C24	Push Min	281.2	-10.58	-15.3522	66.96	0.158005	0.229274
Story1	C24	Push Min	296	-10.58	-15.3522	66.96	0.158005	0.229274
Story1	C25	Push Max	0	14.072	12.0507	66.96	0.210155	0.179969
Story1	C25	Push Max	14.8	14.072	12.0507	66.96	0.210155	0.179969
Story1	C25	Push Max	14.8	14.072	12.0507	66.96	0.210155	0.179969
Story1	C25	Push Max	148	14.072	12.0507	66.96	0.210155	0.179969
Story1	C25	Push Max	281.2	14.072	12.0507	66.96	0.210155	0.179969
Story1	C25	Push Max	281.2	14.072	12.0507	66.96	0.210155	0.179969
Story1	C25	Push Max	296	14.072	12.0507	66.96	0.210155	0.179969
Story1	C25	Push Min	0	-11.0579	-11.8376	66.96	0.165142	0.176786
Story1	C25	Push Min	14.8	-11.0579	-11.8376	66.96	0.165142	0.176786
Story1	C25	Push Min	14.8	-11.0579	-11.8376	66.96	0.165142	0.176786
Story1	C25	Push Min	148	-11.0579	-11.8376	66.96	0.165142	0.176786
Story1	C25	Push Min	281.2	-11.0579	-11.8376	66.96	0.165142	0.176786
Story1	C25	Push Min	281.2	-11.0579	-11.8376	66.96	0.165142	0.176786
Story1	C25	Push Min	296	-11.0579	-11.8376	66.96	0.165142	0.176786

- محاسبه DCR ستونها (برای لنگر خمشی)

Story	Column	Load Case/Combo	Station	M2	M3	Mn	DCR	DCR
			cm	tonf-cm	tonf-cm	tonf-cm	M2/Mn	M2/Mn
Story1	C1	Push Max	0	2486.779	2410.623	1852.2	1.342608	1.301492
Story1	C1	Push Max	14.8	2311.395	2246.785	1852.2	1.247919	1.213036
Story1	C1	Push Max	14.8	2311.383	2246.773	1852.2	1.247912	1.213029
Story1	C1	Push Max	148	721.296	821.39	1852.2	0.389427	0.443467
Story1	C1	Push Max	281.2	903.996	1275.234	1852.2	0.488066	0.688497
Story1	C1	Push Max	281.2	904.002	1275.241	1852.2	0.488069	0.688501
Story1	C1	Push Max	296	1084.395	1485.297	1852.2	0.585463	0.80191
Story1	C1	Push Min	0	-2519.964	-2717.399	1852.2	1.360525	1.46712
Story1	C1	Push Min	14.8	-2341.424	-2508.927	1852.2	1.264131	1.354566
Story1	C1	Push Min	14.8	-2341.412	-2508.913	1852.2	1.264125	1.354558
Story1	C1	Push Min	148	-722.782	-680.914	1852.2	0.390229	0.367624
Story1	C1	Push Min	281.2	-876.922	-733.726	1852.2	0.473449	0.396138
Story1	C1	Push Min	281.2	-876.928	-733.73	1852.2	0.473452	0.39614

Story1	C1	Push Min	296	-1054.161	-899.522	1852.2	0.56914	0.485651
Story1	C2	Push Max	0	2866.052	2310.853	1852.2	1.547377	1.247626
Story1	C2	Push Max	14.8	2638.433	2153.945	1852.2	1.424486	1.162912
Story1	C2	Push Max	14.8	2638.406	2153.925	1852.2	1.424471	1.162901
Story1	C2	Push Max	148	604.891	770.078	1852.2	0.32658	0.415764
Story1	C2	Push Max	281.2	1911.076	1162.328	1852.2	1.031787	0.627539
Story1	C2	Push Max	281.2	1911.094	1162.34	1852.2	1.031797	0.627546
Story1	C2	Push Max	296	2174.839	1358.385	1852.2	1.174192	0.73339
Story1	C2	Push Min	0	-3117.798	-2563.137	1852.2	1.683294	1.383834
Story1	C2	Push Min	14.8	-2856.356	-2370.061	1852.2	1.542142	1.279592
Story1	C2	Push Min	14.8	-2856.326	-2370.038	1852.2	1.542126	1.27958
Story1	C2	Push Min	148	-516.874	-659.245	1852.2	0.279059	0.355925
Story1	C2	Push Min	281.2	-1518.986	-726.895	1852.2	0.820098	0.39245
Story1	C2	Push Min	281.2	-1519.001	-726.904	1852.2	0.820106	0.392454
Story1	C2	Push Min	296	-1749.363	-887.334	1852.2	0.944478	0.47907
Story1	C3	Push Max	0	3048.461	2196.382	1852.2	1.64586	1.185823
Story1	C3	Push Max	14.8	2794.493	2047.421	1852.2	1.508743	1.1054
Story1	C3	Push Max	14.8	2794.465	2047.403	1852.2	1.508727	1.10539
Story1	C3	Push Max	148	532.201	735.296	1852.2	0.287335	0.396985
Story1	C3	Push Max	281.2	1428.689	1125.205	1852.2	0.771347	0.607496
Story1	C3	Push Max	281.2	1428.702	1125.216	1852.2	0.771354	0.607502
Story1	C3	Push Max	296	1652.113	1313.831	1852.2	0.891973	0.709335
Story1	C3	Push Min	0	-2821.725	-2459.381	1852.2	1.523445	1.327816
Story1	C3	Push Min	14.8	-2601.099	-2273.501	1852.2	1.404329	1.22746
Story1	C3	Push Min	14.8	-2601.074	-2273.479	1852.2	1.404316	1.227448
Story1	C3	Push Min	148	-640.094	-627.618	1852.2	0.345586	0.33885
Story1	C3	Push Min	281.2	-1835.654	-685.982	1852.2	0.991067	0.370361
Story1	C3	Push Min	281.2	-1835.671	-685.991	1852.2	0.991076	0.370366
Story1	C3	Push Min	296	-2091.902	-838.206	1852.2	1.129415	0.452546
Story1	C4	Push Max	0	2856.196	2305.043	1852.2	1.542056	1.244489
Story1	C4	Push Max	14.8	2629.919	2148.494	1852.2	1.419889	1.159969
Story1	C4	Push Max	14.8	2629.893	2148.474	1852.2	1.419875	1.159958
Story1	C4	Push Max	148	614.831	765.498	1852.2	0.331946	0.413291
Story1	C4	Push Max	281.2	1951.766	1167.833	1852.2	1.053756	0.630511
Story1	C4	Push Max	281.2	1951.783	1167.845	1852.2	1.053765	0.630518
Story1	C4	Push Max	296	2218.925	1365.009	1852.2	1.197994	0.736966
Story1	C4	Push Min	0	-3142.329	-2578.843	1852.2	1.696539	1.392313
Story1	C4	Push Min	14.8	-2877.399	-2384.616	1852.2	1.553503	1.287451
Story1	C4	Push Min	14.8	-2877.37	-2384.593	1852.2	1.553488	1.287438
Story1	C4	Push Min	148	-512.74	-660.925	1852.2	0.276828	0.356832
Story1	C4	Push Min	281.2	-1502.23	-724.743	1852.2	0.811052	0.391288
Story1	C4	Push Min	281.2	-1502.245	-724.752	1852.2	0.81106	0.391293
Story1	C4	Push Min	296	-1731.235	-884.751	1852.2	0.934691	0.477676

Story1	C5	Push Max	0	2717.399	2486.779	1852.2	1.46712	1.342608
Story1	C5	Push Max	14.8	2508.927	2311.395	1852.2	1.354566	1.247919
Story1	C5	Push Max	14.8	2508.913	2311.383	1852.2	1.354558	1.247912
Story1	C5	Push Max	148	680.914	721.296	1852.2	0.367624	0.389427
Story1	C5	Push Max	281.2	733.726	903.996	1852.2	0.396138	0.488066
Story1	C5	Push Max	281.2	733.73	904.002	1852.2	0.39614	0.488069
Story1	C5	Push Max	296	899.522	1084.395	1852.2	0.485651	0.585463
Story1	C5	Push Min	0	-2410.623	-2519.964	1852.2	1.301492	1.360525
Story1	C5	Push Min	14.8	-2246.785	-2341.424	1852.2	1.213036	1.264131
Story1	C5	Push Min	14.8	-2246.773	-2341.412	1852.2	1.213029	1.264125
Story1	C5	Push Min	148	-821.39	-722.782	1852.2	0.443467	0.390229
Story1	C5	Push Min	281.2	-1275.234	-876.922	1852.2	0.688497	0.473449
Story1	C5	Push Min	281.2	-1275.241	-876.928	1852.2	0.688501	0.473452
Story1	C5	Push Min	296	-1485.297	-1054.161	1852.2	0.80191	0.56914
Story1	C6	Push Max	0	2305.043	3142.329	1852.2	1.244489	1.696539
Story1	C6	Push Max	14.8	2148.494	2877.399	1852.2	1.159969	1.553503
Story1	C6	Push Max	14.8	2148.474	2877.37	1852.2	1.159958	1.553488
Story1	C6	Push Max	148	765.498	512.74	1852.2	0.413291	0.276828
Story1	C6	Push Max	281.2	1167.833	1502.23	1852.2	0.630511	0.811052
Story1	C6	Push Max	281.2	1167.845	1502.245	1852.2	0.630518	0.81106
Story1	C6	Push Max	296	1365.009	1731.235	1852.2	0.736966	0.934691
Story1	C6	Push Min	0	-2578.843	-2856.196	1852.2	1.392313	1.542056
Story1	C6	Push Min	14.8	-2384.616	-2629.919	1852.2	1.287451	1.419889
Story1	C6	Push Min	14.8	-2384.593	-2629.893	1852.2	1.287438	1.419875
Story1	C6	Push Min	148	-660.925	-614.831	1852.2	0.356832	0.331946
Story1	C6	Push Min	281.2	-724.743	-1951.766	1852.2	0.391288	1.053756
Story1	C6	Push Min	281.2	-724.752	-1951.783	1852.2	0.391293	1.053765
Story1	C6	Push Min	296	-884.751	-2218.925	1852.2	0.477676	1.197994
Story1	C7	Push Max	0	2807.81	2826.133	1852.2	1.515932	1.525825
Story1	C7	Push Max	14.8	2582.205	2599.06	1852.2	1.394129	1.403229
Story1	C7	Push Max	14.8	2582.158	2599.013	1852.2	1.394103	1.403203
Story1	C7	Push Max	148	514.993	516.289	1852.2	0.278044	0.278744
Story1	C7	Push Max	281.2	1546.175	1542.222	1852.2	0.834778	0.832643
Story1	C7	Push Max	281.2	1546.202	1542.248	1852.2	0.834792	0.832657
Story1	C7	Push Max	296	1773.705	1769.174	1852.2	0.957621	0.955174
Story1	C7	Push Min	0	-2793.953	-2786.887	1852.2	1.508451	1.504636
Story1	C7	Push Min	14.8	-2571.048	-2564.549	1852.2	1.388105	1.384596
Story1	C7	Push Min	14.8	-2571.002	-2564.502	1852.2	1.38808	1.384571
Story1	C7	Push Min	148	-528.223	-524.86	1852.2	0.285187	0.283371
Story1	C7	Push Min	281.2	-1583.287	-1593.546	1852.2	0.854814	0.860353
Story1	C7	Push Min	281.2	-1583.314	-1593.573	1852.2	0.854829	0.860368
Story1	C7	Push Min	296	-1813.398	-1825.155	1852.2	0.979051	0.985398
Story1	C8	Push Max	0	2745.349	2685.906	1852.2	1.48221	1.450117

Story1	C8	Push Max	14.8	2528.749	2469.953	1852.2	1.365268	1.333524
Story1	C8	Push Max	14.8	2528.704	2469.909	1852.2	1.365243	1.3335
Story1	C8	Push Max	148	538.181	491.221	1852.2	0.290563	0.265209
Story1	C8	Push Max	281.2	1479.121	1471.054	1852.2	0.798575	0.79422
Story1	C8	Push Max	281.2	1479.146	1471.079	1852.2	0.798589	0.794233
Story1	C8	Push Max	296	1701.395	1687.605	1852.2	0.918581	0.911135
Story1	C8	Push Min	0	-2757.753	-2659.342	1852.2	1.488907	1.435775
Story1	C8	Push Min	14.8	-2540.176	-2447.109	1852.2	1.371437	1.32119
Story1	C8	Push Min	14.8	-2540.131	-2447.066	1852.2	1.371413	1.321167
Story1	C8	Push Min	148	-540.63	-502.125	1852.2	0.291885	0.271097
Story1	C8	Push Min	281.2	-1472.501	-1515.297	1852.2	0.795001	0.818107
Story1	C8	Push Min	281.2	-1472.526	-1515.323	1852.2	0.795015	0.818121
Story1	C8	Push Min	296	-1693.777	-1735.472	1852.2	0.914468	0.936979
Story1	C9	Push Max	0	2786.887	2807.81	1852.2	1.504636	1.515932
Story1	C9	Push Max	14.8	2564.549	2582.205	1852.2	1.384596	1.394129
Story1	C9	Push Max	14.8	2564.502	2582.158	1852.2	1.384571	1.394103
Story1	C9	Push Max	148	524.86	514.993	1852.2	0.283371	0.278044
Story1	C9	Push Max	281.2	1593.546	1546.175	1852.2	0.860353	0.834778
Story1	C9	Push Max	281.2	1593.573	1546.202	1852.2	0.860368	0.834792
Story1	C9	Push Max	296	1825.155	1773.705	1852.2	0.985398	0.957621
Story1	C9	Push Min	0	-2826.133	-2793.953	1852.2	1.525825	1.508451
Story1	C9	Push Min	14.8	-2599.06	-2571.048	1852.2	1.403229	1.388105
Story1	C9	Push Min	14.8	-2599.013	-2571.002	1852.2	1.403203	1.38808
Story1	C9	Push Min	148	-516.289	-528.223	1852.2	0.278744	0.285187
Story1	C9	Push Min	281.2	-1542.222	-1583.287	1852.2	0.832643	0.854814
Story1	C9	Push Min	281.2	-1542.248	-1583.314	1852.2	0.832657	0.854829
Story1	C9	Push Min	296	-1769.174	-1813.398	1852.2	0.955174	0.979051
Story1	C10	Push Max	0	2563.137	2866.051	1852.2	1.383834	1.547377
Story1	C10	Push Max	14.8	2370.061	2638.433	1852.2	1.279592	1.424486
Story1	C10	Push Max	14.8	2370.038	2638.406	1852.2	1.27958	1.424471
Story1	C10	Push Max	148	659.245	604.891	1852.2	0.355925	0.32658
Story1	C10	Push Max	281.2	726.895	1911.076	1852.2	0.39245	1.031787
Story1	C10	Push Max	281.2	726.904	1911.094	1852.2	0.392454	1.031797
Story1	C10	Push Max	296	887.334	2174.839	1852.2	0.47907	1.174192
Story1	C10	Push Min	0	-2310.853	-3117.798	1852.2	1.247626	1.683294
Story1	C10	Push Min	14.8	-2153.945	-2856.356	1852.2	1.162912	1.542142
Story1	C10	Push Min	14.8	-2153.925	-2856.326	1852.2	1.162901	1.542126
Story1	C10	Push Min	148	-770.078	-516.874	1852.2	0.415764	0.279059
Story1	C10	Push Min	281.2	-1162.328	-1518.986	1852.2	0.627539	0.820098
Story1	C10	Push Min	281.2	-1162.34	-1519.001	1852.2	0.627546	0.820106
Story1	C10	Push Min	296	-1358.385	-1749.363	1852.2	0.73339	0.944478
Story1	C11	Push Max	0	2196.382	2821.725	1852.2	1.185823	1.523445
Story1	C11	Push Max	14.8	2047.421	2601.099	1852.2	1.1054	1.404329

Story1	C11	Push Max	14.8	2047.403	2601.074	1852.2	1.10539	1.404316
Story1	C11	Push Max	148	735.296	640.094	1852.2	0.396985	0.345586
Story1	C11	Push Max	281.2	1125.205	1835.654	1852.2	0.607496	0.991067
Story1	C11	Push Max	281.2	1125.216	1835.671	1852.2	0.607502	0.991076
Story1	C11	Push Max	296	1313.831	2091.902	1852.2	0.709335	1.129415
Story1	C11	Push Min	0	-2459.381	-3048.461	1852.2	1.327816	1.64586
Story1	C11	Push Min	14.8	-2273.501	-2794.493	1852.2	1.22746	1.508743
Story1	C11	Push Min	14.8	-2273.479	-2794.465	1852.2	1.227448	1.508727
Story1	C11	Push Min	148	-627.618	-532.201	1852.2	0.33885	0.287335
Story1	C11	Push Min	281.2	-685.982	-1428.689	1852.2	0.370361	0.771347
Story1	C11	Push Min	281.2	-685.991	-1428.702	1852.2	0.370366	0.771354
Story1	C11	Push Min	296	-838.206	-1652.113	1852.2	0.452546	0.891973
Story1	C12	Push Max	0	2685.906	2757.753	1852.2	1.450117	1.488907
Story1	C12	Push Max	14.8	2469.953	2540.176	1852.2	1.333524	1.371437
Story1	C12	Push Max	14.8	2469.909	2540.131	1852.2	1.3335	1.371413
Story1	C12	Push Max	148	491.221	540.63	1852.2	0.265209	0.291885
Story1	C12	Push Max	281.2	1471.054	1472.501	1852.2	0.79422	0.795001
Story1	C12	Push Max	281.2	1471.079	1472.526	1852.2	0.794233	0.795015
Story1	C12	Push Max	296	1687.605	1693.777	1852.2	0.911135	0.914468
Story1	C12	Push Min	0	-2659.342	-2745.349	1852.2	1.435775	1.48221
Story1	C12	Push Min	14.8	-2447.109	-2528.749	1852.2	1.32119	1.365268
Story1	C12	Push Min	14.8	-2447.066	-2528.704	1852.2	1.321167	1.365243
Story1	C12	Push Min	148	-502.125	-538.181	1852.2	0.271097	0.290563
Story1	C12	Push Min	281.2	-1515.297	-1479.121	1852.2	0.818107	0.798575
Story1	C12	Push Min	281.2	-1515.323	-1479.146	1852.2	0.818121	0.798589
Story1	C12	Push Min	296	-1735.472	-1701.395	1852.2	0.936979	0.918581
Story1	C13	Push Max	0	2620.042	2620.042	1852.2	1.414557	1.414557
Story1	C13	Push Max	14.8	2413.238	2413.238	1852.2	1.302904	1.302904
Story1	C13	Push Max	14.8	2413.196	2413.196	1852.2	1.302881	1.302881
Story1	C13	Push Max	148	513.49	513.49	1852.2	0.277232	0.277232
Story1	C13	Push Max	281.2	1405.076	1405.076	1852.2	0.758598	0.758598
Story1	C13	Push Max	281.2	1405.1	1405.1	1852.2	0.758611	0.758611
Story1	C13	Push Max	296	1616.254	1616.254	1852.2	0.872613	0.872613
Story1	C13	Push Min	0	-2620.042	-2620.042	1852.2	1.414557	1.414557
Story1	C13	Push Min	14.8	-2413.238	-2413.238	1852.2	1.302904	1.302904
Story1	C13	Push Min	14.8	-2413.196	-2413.196	1852.2	1.302881	1.302881
Story1	C13	Push Min	148	-513.49	-513.49	1852.2	0.277232	0.277232
Story1	C13	Push Min	281.2	-1405.076	-1405.076	1852.2	0.758598	0.758598
Story1	C13	Push Min	281.2	-1405.1	-1405.1	1852.2	0.758611	0.758611
Story1	C13	Push Min	296	-1616.254	-1616.254	1852.2	0.872613	0.872613
Story1	C14	Push Max	0	2659.342	2745.349	1852.2	1.435775	1.48221
Story1	C14	Push Max	14.8	2447.109	2528.749	1852.2	1.32119	1.365268
Story1	C14	Push Max	14.8	2447.066	2528.704	1852.2	1.321167	1.365243

Story1	C14	Push Max	148	502.125	538.181	1852.2	0.271097	0.290563
Story1	C14	Push Max	281.2	1515.297	1479.121	1852.2	0.818107	0.798575
Story1	C14	Push Max	281.2	1515.323	1479.146	1852.2	0.818121	0.798589
Story1	C14	Push Max	296	1735.472	1701.395	1852.2	0.936979	0.918581
Story1	C14	Push Min	0	-2685.906	-2757.753	1852.2	1.450117	1.488907
Story1	C14	Push Min	14.8	-2469.953	-2540.176	1852.2	1.333524	1.371437
Story1	C14	Push Min	14.8	-2469.909	-2540.131	1852.2	1.3335	1.371413
Story1	C14	Push Min	148	-491.221	-540.63	1852.2	0.265209	0.291885
Story1	C14	Push Min	281.2	-1471.054	-1472.501	1852.2	0.79422	0.795001
Story1	C14	Push Min	281.2	-1471.079	-1472.526	1852.2	0.794233	0.795015
Story1	C14	Push Min	296	-1687.605	-1693.777	1852.2	0.911135	0.914468
Story1	C15	Push Max	0	2459.381	3048.461	1852.2	1.327816	1.64586
Story1	C15	Push Max	14.8	2273.501	2794.493	1852.2	1.22746	1.508743
Story1	C15	Push Max	14.8	2273.479	2794.465	1852.2	1.227448	1.508727
Story1	C15	Push Max	148	627.618	532.201	1852.2	0.33885	0.287335
Story1	C15	Push Max	281.2	685.982	1428.689	1852.2	0.370361	0.771347
Story1	C15	Push Max	281.2	685.991	1428.702	1852.2	0.370366	0.771354
Story1	C15	Push Max	296	838.206	1652.113	1852.2	0.452546	0.891973
Story1	C15	Push Min	0	-2196.382	-2821.725	1852.2	1.185823	1.523445
Story1	C15	Push Min	14.8	-2047.421	-2601.099	1852.2	1.1054	1.404329
Story1	C15	Push Min	14.8	-2047.403	-2601.074	1852.2	1.10539	1.404316
Story1	C15	Push Min	148	-735.296	-640.094	1852.2	0.396985	0.345586
Story1	C15	Push Min	281.2	-1125.205	-1835.654	1852.2	0.607496	0.991067
Story1	C15	Push Min	281.2	-1125.216	-1835.671	1852.2	0.607502	0.991076
Story1	C15	Push Min	296	-1313.831	-2091.902	1852.2	0.709335	1.129415
Story1	C16	Push Max	0	2310.853	3117.798	1852.2	1.247626	1.683294
Story1	C16	Push Max	14.8	2153.945	2856.356	1852.2	1.162912	1.542142
Story1	C16	Push Max	14.8	2153.925	2856.326	1852.2	1.162901	1.542126
Story1	C16	Push Max	148	770.078	516.874	1852.2	0.415764	0.279059
Story1	C16	Push Max	281.2	1162.328	1518.986	1852.2	0.627539	0.820098
Story1	C16	Push Max	281.2	1162.34	1519.001	1852.2	0.627546	0.820106
Story1	C16	Push Max	296	1358.385	1749.363	1852.2	0.73339	0.944478
Story1	C16	Push Min	0	-2563.137	-2866.051	1852.2	1.383834	1.547377
Story1	C16	Push Min	14.8	-2370.061	-2638.433	1852.2	1.279592	1.424486
Story1	C16	Push Min	14.8	-2370.038	-2638.406	1852.2	1.27958	1.424471
Story1	C16	Push Min	148	-659.245	-604.891	1852.2	0.355925	0.32658
Story1	C16	Push Min	281.2	-726.895	-1911.076	1852.2	0.39245	1.031787
Story1	C16	Push Min	281.2	-726.904	-1911.094	1852.2	0.392454	1.031797
Story1	C16	Push Min	296	-887.334	-2174.839	1852.2	0.47907	1.174192
Story1	C17	Push Max	0	2826.133	2793.953	1852.2	1.525825	1.508451
Story1	C17	Push Max	14.8	2599.06	2571.048	1852.2	1.403229	1.388105
Story1	C17	Push Max	14.8	2599.013	2571.002	1852.2	1.403203	1.38808
Story1	C17	Push Max	148	516.289	528.223	1852.2	0.278744	0.285187

Story1	C17	Push Max	281.2	1542.222	1583.287	1852.2	0.832643	0.854814
Story1	C17	Push Max	281.2	1542.248	1583.314	1852.2	0.832657	0.854829
Story1	C17	Push Max	296	1769.174	1813.398	1852.2	0.955174	0.979051
Story1	C17	Push Min	0	-2786.887	-2807.81	1852.2	1.504636	1.515932
Story1	C17	Push Min	14.8	-2564.549	-2582.205	1852.2	1.384596	1.394129
Story1	C17	Push Min	14.8	-2564.502	-2582.158	1852.2	1.384571	1.394103
Story1	C17	Push Min	148	-524.86	-514.993	1852.2	0.283371	0.278044
Story1	C17	Push Min	281.2	-1593.546	-1546.175	1852.2	0.860353	0.834778
Story1	C17	Push Min	281.2	-1593.573	-1546.202	1852.2	0.860368	0.834792
Story1	C17	Push Min	296	-1825.155	-1773.705	1852.2	0.985398	0.957621
Story1	C18	Push Max	0	2757.753	2659.342	1852.2	1.488907	1.435775
Story1	C18	Push Max	14.8	2540.176	2447.109	1852.2	1.371437	1.32119
Story1	C18	Push Max	14.8	2540.131	2447.066	1852.2	1.371413	1.321167
Story1	C18	Push Max	148	540.63	502.125	1852.2	0.291885	0.271097
Story1	C18	Push Max	281.2	1472.501	1515.297	1852.2	0.795001	0.818107
Story1	C18	Push Max	281.2	1472.526	1515.323	1852.2	0.795015	0.818121
Story1	C18	Push Max	296	1693.777	1735.472	1852.2	0.914468	0.936979
Story1	C18	Push Min	0	-2745.349	-2685.906	1852.2	1.48221	1.450117
Story1	C18	Push Min	14.8	-2528.749	-2469.953	1852.2	1.365268	1.333524
Story1	C18	Push Min	14.8	-2528.704	-2469.909	1852.2	1.365243	1.3335
Story1	C18	Push Min	148	-538.181	-491.221	1852.2	0.290563	0.265209
Story1	C18	Push Min	281.2	-1479.121	-1471.054	1852.2	0.798575	0.79422
Story1	C18	Push Min	281.2	-1479.146	-1471.079	1852.2	0.798589	0.794233
Story1	C18	Push Min	296	-1701.395	-1687.605	1852.2	0.918581	0.911135
Story1	C19	Push Max	0	2793.953	2786.887	1852.2	1.508451	1.504636
Story1	C19	Push Max	14.8	2571.048	2564.549	1852.2	1.388105	1.384596
Story1	C19	Push Max	14.8	2571.002	2564.502	1852.2	1.38808	1.384571
Story1	C19	Push Max	148	528.223	524.86	1852.2	0.285187	0.283371
Story1	C19	Push Max	281.2	1583.287	1593.546	1852.2	0.854814	0.860353
Story1	C19	Push Max	281.2	1583.314	1593.573	1852.2	0.854829	0.860368
Story1	C19	Push Max	296	1813.398	1825.155	1852.2	0.979051	0.985398
Story1	C19	Push Min	0	-2807.81	-2826.133	1852.2	1.515932	1.525825
Story1	C19	Push Min	14.8	-2582.205	-2599.06	1852.2	1.394129	1.403229
Story1	C19	Push Min	14.8	-2582.158	-2599.013	1852.2	1.394103	1.403203
Story1	C19	Push Min	148	-514.993	-516.289	1852.2	0.278044	0.278744
Story1	C19	Push Min	281.2	-1546.175	-1542.222	1852.2	0.834778	0.832643
Story1	C19	Push Min	281.2	-1546.202	-1542.248	1852.2	0.834792	0.832657
Story1	C19	Push Min	296	-1773.705	-1769.174	1852.2	0.957621	0.955174
Story1	C20	Push Max	0	2578.843	2856.196	1852.2	1.392313	1.542056
Story1	C20	Push Max	14.8	2384.616	2629.919	1852.2	1.287451	1.419889
Story1	C20	Push Max	14.8	2384.593	2629.893	1852.2	1.287438	1.419875
Story1	C20	Push Max	148	660.925	614.831	1852.2	0.356832	0.331946
Story1	C20	Push Max	281.2	724.743	1951.765	1852.2	0.391288	1.053755

Story1	C20	Push Max	281.2	724.752	1951.783	1852.2	0.391293	1.053765
Story1	C20	Push Max	296	884.751	2218.925	1852.2	0.477676	1.197994
Story1	C20	Push Min	0	-2305.043	-3142.329	1852.2	1.244489	1.696539
Story1	C20	Push Min	14.8	-2148.494	-2877.399	1852.2	1.159969	1.553503
Story1	C20	Push Min	14.8	-2148.474	-2877.37	1852.2	1.159958	1.553488
Story1	C20	Push Min	148	-765.498	-512.74	1852.2	0.413291	0.276828
Story1	C20	Push Min	281.2	-1167.833	-1502.23	1852.2	0.630511	0.811052
Story1	C20	Push Min	281.2	-1167.845	-1502.245	1852.2	0.630518	0.81106
Story1	C20	Push Min	296	-1365.009	-1731.235	1852.2	0.736966	0.934691
Story1	C21	Push Max	0	2410.623	2519.964	1852.2	1.301492	1.360525
Story1	C21	Push Max	14.8	2246.785	2341.424	1852.2	1.213036	1.264131
Story1	C21	Push Max	14.8	2246.773	2341.412	1852.2	1.213029	1.264125
Story1	C21	Push Max	148	821.39	722.782	1852.2	0.443467	0.390229
Story1	C21	Push Max	281.2	1275.234	876.922	1852.2	0.688497	0.473449
Story1	C21	Push Max	281.2	1275.241	876.928	1852.2	0.688501	0.473452
Story1	C21	Push Max	296	1485.297	1054.161	1852.2	0.80191	0.56914
Story1	C21	Push Min	0	-2717.399	-2486.779	1852.2	1.46712	1.342608
Story1	C21	Push Min	14.8	-2508.927	-2311.395	1852.2	1.354566	1.247919
Story1	C21	Push Min	14.8	-2508.913	-2311.383	1852.2	1.354558	1.247912
Story1	C21	Push Min	148	-680.914	-721.296	1852.2	0.367624	0.389427
Story1	C21	Push Min	281.2	-733.726	-903.996	1852.2	0.396138	0.488066
Story1	C21	Push Min	281.2	-733.73	-904.002	1852.2	0.39614	0.488069
Story1	C21	Push Min	296	-899.522	-1084.395	1852.2	0.485651	0.585463
Story1	C22	Push Max	0	3142.329	2578.843	1852.2	1.696539	1.392313
Story1	C22	Push Max	14.8	2877.399	2384.616	1852.2	1.553503	1.287451
Story1	C22	Push Max	14.8	2877.37	2384.593	1852.2	1.553488	1.287438
Story1	C22	Push Max	148	512.74	660.925	1852.2	0.276828	0.356832
Story1	C22	Push Max	281.2	1502.23	724.743	1852.2	0.811052	0.391288
Story1	C22	Push Max	281.2	1502.245	724.752	1852.2	0.81106	0.391293
Story1	C22	Push Max	296	1731.235	884.751	1852.2	0.934691	0.477676
Story1	C22	Push Min	0	-2856.196	-2305.043	1852.2	1.542056	1.244489
Story1	C22	Push Min	14.8	-2629.919	-2148.494	1852.2	1.419889	1.159969
Story1	C22	Push Min	14.8	-2629.893	-2148.474	1852.2	1.419875	1.159958
Story1	C22	Push Min	148	-614.831	-765.498	1852.2	0.331946	0.413291
Story1	C22	Push Min	281.2	-1951.766	-1167.833	1852.2	1.053756	0.630511
Story1	C22	Push Min	281.2	-1951.783	-1167.845	1852.2	1.053765	0.630518
Story1	C22	Push Min	296	-2218.925	-1365.009	1852.2	1.197994	0.736966
Story1	C23	Push Max	0	2821.725	2459.381	1852.2	1.523445	1.327816
Story1	C23	Push Max	14.8	2601.099	2273.501	1852.2	1.404329	1.22746
Story1	C23	Push Max	14.8	2601.074	2273.479	1852.2	1.404316	1.227448
Story1	C23	Push Max	148	640.094	627.618	1852.2	0.345586	0.33885
Story1	C23	Push Max	281.2	1835.654	685.982	1852.2	0.991067	0.370361
Story1	C23	Push Max	281.2	1835.671	685.991	1852.2	0.991076	0.370366

Story1	C23	Push Max	296	2091.902	838.206	1852.2	1.129415	0.452546
Story1	C23	Push Min	0	-3048.461	-2196.382	1852.2	1.64586	1.185823
Story1	C23	Push Min	14.8	-2794.493	-2047.421	1852.2	1.508743	1.1054
Story1	C23	Push Min	14.8	-2794.465	-2047.403	1852.2	1.508727	1.10539
Story1	C23	Push Min	148	-532.201	-735.296	1852.2	0.287335	0.396985
Story1	C23	Push Min	281.2	-1428.689	-1125.205	1852.2	0.771347	0.607496
Story1	C23	Push Min	281.2	-1428.702	-1125.216	1852.2	0.771354	0.607502
Story1	C23	Push Min	296	-1652.113	-1313.831	1852.2	0.891973	0.709335
Story1	C24	Push Max	0	3117.798	2563.137	1852.2	1.683294	1.383834
Story1	C24	Push Max	14.8	2856.356	2370.061	1852.2	1.542142	1.279592
Story1	C24	Push Max	14.8	2856.326	2370.038	1852.2	1.542126	1.27958
Story1	C24	Push Max	148	516.874	659.245	1852.2	0.279059	0.355925
Story1	C24	Push Max	281.2	1518.986	726.895	1852.2	0.820098	0.39245
Story1	C24	Push Max	281.2	1519.001	726.904	1852.2	0.820106	0.392454
Story1	C24	Push Max	296	1749.363	887.334	1852.2	0.944478	0.47907
Story1	C24	Push Min	0	-2866.052	-2310.853	1852.2	1.547377	1.247626
Story1	C24	Push Min	14.8	-2638.433	-2153.945	1852.2	1.424486	1.162912
Story1	C24	Push Min	14.8	-2638.406	-2153.925	1852.2	1.424471	1.162901
Story1	C24	Push Min	148	-604.891	-770.078	1852.2	0.32658	0.415764
Story1	C24	Push Min	281.2	-1911.076	-1162.328	1852.2	1.031787	0.627539
Story1	C24	Push Min	281.2	-1911.094	-1162.34	1852.2	1.031797	0.627546
Story1	C24	Push Min	296	-2174.839	-1358.385	1852.2	1.174192	0.73339
Story1	C25	Push Max	0	2519.964	2717.399	1852.2	1.360525	1.46712
Story1	C25	Push Max	14.8	2341.424	2508.927	1852.2	1.264131	1.354566
Story1	C25	Push Max	14.8	2341.412	2508.913	1852.2	1.264125	1.354558
Story1	C25	Push Max	148	722.782	680.914	1852.2	0.390229	0.367624
Story1	C25	Push Max	281.2	876.922	733.726	1852.2	0.473449	0.396138
Story1	C25	Push Max	281.2	876.928	733.73	1852.2	0.473452	0.39614
Story1	C25	Push Max	296	1054.161	899.522	1852.2	0.56914	0.485651
Story1	C25	Push Min	0	-2486.779	-2410.623	1852.2	1.342608	1.301492
Story1	C25	Push Min	14.8	-2311.395	-2246.785	1852.2	1.247919	1.213036
Story1	C25	Push Min	14.8	-2311.383	-2246.773	1852.2	1.247912	1.213029
Story1	C25	Push Min	148	-721.296	-821.39	1852.2	0.389427	0.443467
Story1	C25	Push Min	281.2	-903.996	-1275.234	1852.2	0.488066	0.688497
Story1	C25	Push Min	281.2	-904.002	-1275.241	1852.2	0.488069	0.688501
Story1	C25	Push Min	296	-1084.395	-1485.297	1852.2	0.585463	0.80191

تمامی مقاطع تیرها IPE240 بوده که ظرفیت خمشی و برشی آن مطابق خروجی نرم افزار برابر است با:

ETABS 2016 Steel Frame Design

AISC 360-10 Steel Section Check (Strength Summary)

Element Details

Level	Element	Unique Name	Location (cm)	Combo	Element Type	Section	Classification
Story1	B21	46	10	UDStIS4	Intermediate Moment Frame	IPE240	Seismic HD

LLRF and Demand/Capacity Ratio

L (cm)	LLRF	Stress Ratio Limit
500.000	1	1

Analysis and Design Parameters

Provision	Analysis	2nd Order	Reduction
LRFD	Direct Analysis	General 2nd Order	Tau-b Variable

Stiffness Reduction Factors

$\alpha P_r / P_y$	$\alpha P_r / P_e$	τ_b	EA factor	EI factor
0	0	1	0.8	0.8

Seismic Parameters

Ignore Seismic Code?	Ignore Special EQ Load?	Plug Welded?	SDC	I	Rho	S _{DS}	R	Ω_0	C _d
No	No	No	D	1	1	1.05	5	3	4

Design Code Parameters

Φ_b	Φ_c	Φ_{TY}	Φ_{TF}	Φ_V	Φ_{V-RI}	Φ_{VT}
0.9	0.9	0.9	0.75	0.9	1	1

Section Properties

A (cm ²)	J (cm ⁴)	I ₃₃ (cm ⁴)	I ₂₂ (cm ⁴)	A _{v3} (cm ²)	A _{v2} (cm ²)
39.1	13	3892	284	23.5	14.9

Design Properties

S ₃₃ (cm ³)	S ₂₂ (cm ³)	Z ₃₃ (cm ³)	Z ₂₂ (cm ³)	r ₃₃ (cm)	r ₂₂ (cm)	C _w (cm ⁶)
324.3	47.3	367	73.9	9.977	2.695	37391.2

Material Properties

E (tonf/cm ²)	f _y (tonf/cm ²)	R _y	α
2000	2.4	1.2	NA

Stress Check forces and Moments

Location (cm)	P _u (tonf)	M _{u33} (tonf-cm)	M _{u22} (tonf-cm)	V _{u2} (tonf)	V _{u3} (tonf)	T _u (tonf-cm)
10	0	-1709.256	0	-11.4946	0	-0.035

Axial Force & Biaxial Moment Design Factors (H1-1b)

	L Factor	K ₁	K ₂	B ₁	B ₂	C _m
Major Bending	0.96	1	1	1	1	1
Minor Bending	0	1	1	1	1	1

Parameters for Lateral Torsion Buckling

L _{ltb}	K _{ltb}	C _b
1	1	2.362

Demand/Capacity (D/C) Ratio Eqn.(H1-1b)

D/C Ratio =	(P _r /2P _c) + (M _{r33} /M _{c33}) + (M _{r22} /M _{c22})
2.156 =	0 + 2.156 + 0

Axial Force and Capacities

P _u Force (tonf)	φP _{nc} Capacity (tonf)	φP _{nt} Capacity (tonf)
0	61.4468	84.456

Moments and Capacities

	M _u Moment (tonf-cm)	φM _n (tonf-cm)	φM _n No LTB (tonf-cm)	φM _n Cb=1 (tonf-cm)
Major Bending	1709.256	792.72	792.72	484.595
Minor Bending	0	159.624		

Shear Design

	V _u Force (tonf)	φV _n Capacity (tonf)	Stress Ratio
Major Shear	11.4946	21.4272	0.536
Minor Shear	0	30.4819	0

End Reaction Major Shear Forces

Left End Reaction (tonf)	Load Combo	Right End Reaction (tonf)	Load Combo
11.4946	UDStIS10	11.7491	UDStIS10

$$M_n = \frac{159.624}{0.9} = 177.36 \text{ Tonf.m}$$

$$V_n = \frac{30.4819}{0.9} = 33.87 \text{ Tonf}$$

- محاسبه DCR تیرها (برای نیروی برشی)

Story	Beam	Load Case/Combo	Station	V2	Vn	DCR
			cm	tonf	tonf	V2/Vn
Story1	B1	Push Max	10	4.8243	33.87	0.142436
Story1	B1	Push Max	34	4.8658	33.87	0.143661
Story1	B1	Push Max	34	4.8658	33.87	0.143661
Story1	B1	Push Max	82	4.9488	33.87	0.146112
Story1	B1	Push Max	130	5.0318	33.87	0.148562
Story1	B1	Push Max	178	5.182	33.87	0.152997
Story1	B1	Push Max	226	5.3516	33.87	0.158004
Story1	B1	Push Max	274	5.5213	33.87	0.163014
Story1	B1	Push Max	322	5.691	33.87	0.168025
Story1	B1	Push Max	370	5.8606	33.87	0.173032
Story1	B1	Push Max	418	6.0303	33.87	0.178043
Story1	B1	Push Max	466	6.2	33.87	0.183053
Story1	B1	Push Max	466	6.2	33.87	0.183053
Story1	B1	Push Max	490	6.2848	33.87	0.185557
Story1	B1	Push Min	10	-5.6251	33.87	0.166079
Story1	B1	Push Min	34	-5.5403	33.87	0.163575
Story1	B1	Push Min	34	-5.5403	33.87	0.163575
Story1	B1	Push Min	82	-5.3706	33.87	0.158565
Story1	B1	Push Min	130	-5.201	33.87	0.153558
Story1	B1	Push Min	178	-5.0984	33.87	0.150528
Story1	B1	Push Min	226	-5.0154	33.87	0.148078
Story1	B1	Push Min	274	-4.9323	33.87	0.145624
Story1	B1	Push Min	322	-4.8493	33.87	0.143174
Story1	B1	Push Min	370	-4.7663	33.87	0.140723
Story1	B1	Push Min	418	-4.6832	33.87	0.13827
Story1	B1	Push Min	466	-4.6002	33.87	0.135819
Story1	B1	Push Min	466	-4.6002	33.87	0.135819
Story1	B1	Push Min	490	-4.5587	33.87	0.134594
Story1	B2	Push Max	10	1.6382	33.87	0.048367
Story1	B2	Push Max	34	1.8983	33.87	0.056047
Story1	B2	Push Max	34	1.8983	33.87	0.056047
Story1	B2	Push Max	82	2.4185	33.87	0.071405
Story1	B2	Push Max	130	2.9387	33.87	0.086764
Story1	B2	Push Max	178	3.459	33.87	0.102126
Story1	B2	Push Max	226	3.9792	33.87	0.117484
Story1	B2	Push Max	274	4.8513	33.87	0.143233
Story1	B2	Push Max	322	6.1544	33.87	0.181707
Story1	B2	Push Max	370	7.4574	33.87	0.220177

Story1	B2	Push Max	418	8.7605	33.87	0.258651
Story1	B2	Push Max	466	10.0635	33.87	0.297121
Story1	B2	Push Max	466	10.0635	33.87	0.297121
Story1	B2	Push Max	490	10.715	33.87	0.316357
Story1	B2	Push Min	10	-10.8456	33.87	0.320213
Story1	B2	Push Min	34	-10.1941	33.87	0.300977
Story1	B2	Push Min	34	-10.1941	33.87	0.300977
Story1	B2	Push Min	82	-8.891	33.87	0.262504
Story1	B2	Push Min	130	-7.588	33.87	0.224033
Story1	B2	Push Min	178	-6.285	33.87	0.185562
Story1	B2	Push Min	226	-4.9819	33.87	0.147089
Story1	B2	Push Min	274	-4.0308	33.87	0.119008
Story1	B2	Push Min	322	-3.5106	33.87	0.103649
Story1	B2	Push Min	370	-2.9904	33.87	0.088291
Story1	B2	Push Min	418	-2.4702	33.87	0.072932
Story1	B2	Push Min	466	-1.95	33.87	0.057573
Story1	B2	Push Min	466	-1.95	33.87	0.057573
Story1	B2	Push Min	490	-1.6899	33.87	0.049894
Story1	B3	Push Max	10	3.8456	33.87	0.11354
Story1	B3	Push Max	34	3.8871	33.87	0.114765
Story1	B3	Push Max	34	3.8871	33.87	0.114765
Story1	B3	Push Max	82	3.9701	33.87	0.117216
Story1	B3	Push Max	130	4.0532	33.87	0.119669
Story1	B3	Push Max	178	4.1362	33.87	0.12212
Story1	B3	Push Max	226	4.2192	33.87	0.12457
Story1	B3	Push Max	274	4.337	33.87	0.128048
Story1	B3	Push Max	322	4.5066	33.87	0.133056
Story1	B3	Push Max	370	4.6763	33.87	0.138066
Story1	B3	Push Max	418	4.846	33.87	0.143076
Story1	B3	Push Max	466	5.0156	33.87	0.148084
Story1	B3	Push Max	466	5.0156	33.87	0.148084
Story1	B3	Push Max	490	5.1005	33.87	0.15059
Story1	B3	Push Min	10	-5.1265	33.87	0.151358
Story1	B3	Push Min	34	-5.0416	33.87	0.148851
Story1	B3	Push Min	34	-5.0416	33.87	0.148851
Story1	B3	Push Min	82	-4.872	33.87	0.143844
Story1	B3	Push Min	130	-4.7023	33.87	0.138834
Story1	B3	Push Min	178	-4.5326	33.87	0.133823
Story1	B3	Push Min	226	-4.363	33.87	0.128816
Story1	B3	Push Min	274	-4.228	33.87	0.12483
Story1	B3	Push Min	322	-4.145	33.87	0.12238
Story1	B3	Push Min	370	-4.0619	33.87	0.119926
Story1	B3	Push Min	418	-3.9789	33.87	0.117476

Story1	B3	Push Min	466	-3.8959	33.87	0.115025
Story1	B3	Push Min	466	-3.8959	33.87	0.115025
Story1	B3	Push Min	490	-3.8543	33.87	0.113797
Story1	B4	Push Max	10	2.451	33.87	0.072365
Story1	B4	Push Max	34	2.7111	33.87	0.080044
Story1	B4	Push Max	34	2.7111	33.87	0.080044
Story1	B4	Push Max	82	3.2313	33.87	0.095403
Story1	B4	Push Max	130	3.7515	33.87	0.110762
Story1	B4	Push Max	178	4.2717	33.87	0.12612
Story1	B4	Push Max	226	4.7919	33.87	0.141479
Story1	B4	Push Max	274	5.631	33.87	0.166253
Story1	B4	Push Max	322	6.934	33.87	0.204724
Story1	B4	Push Max	370	8.237	33.87	0.243195
Story1	B4	Push Max	418	9.5401	33.87	0.281668
Story1	B4	Push Max	466	10.8431	33.87	0.320139
Story1	B4	Push Max	466	10.8431	33.87	0.320139
Story1	B4	Push Max	490	11.4946	33.87	0.339374
Story1	B4	Push Min	10	-11.7491	33.87	0.346888
Story1	B4	Push Min	34	-11.0975	33.87	0.32765
Story1	B4	Push Min	34	-11.0976	33.87	0.327653
Story1	B4	Push Min	82	-9.7945	33.87	0.289179
Story1	B4	Push Min	130	-8.4915	33.87	0.250709
Story1	B4	Push Min	178	-7.1884	33.87	0.212235
Story1	B4	Push Min	226	-5.8854	33.87	0.173764
Story1	B4	Push Min	274	-4.9012	33.87	0.144706
Story1	B4	Push Min	322	-4.3809	33.87	0.129345
Story1	B4	Push Min	370	-3.8607	33.87	0.113986
Story1	B4	Push Min	418	-3.3405	33.87	0.098627
Story1	B4	Push Min	466	-2.8203	33.87	0.083268
Story1	B4	Push Min	466	-2.8203	33.87	0.083268
Story1	B4	Push Min	490	-2.5602	33.87	0.075589
Story1	B5	Push Max	10	2.7734	33.87	0.081884
Story1	B5	Push Max	34	2.9971	33.87	0.088488
Story1	B5	Push Max	34	2.997	33.87	0.088485
Story1	B5	Push Max	82	3.4444	33.87	0.101695
Story1	B5	Push Max	130	3.8917	33.87	0.114901
Story1	B5	Push Max	178	4.3391	33.87	0.12811
Story1	B5	Push Max	226	4.7864	33.87	0.141317
Story1	B5	Push Max	274	5.7963	33.87	0.171134
Story1	B5	Push Max	322	6.9504	33.87	0.205208
Story1	B5	Push Max	370	8.1046	33.87	0.239286
Story1	B5	Push Max	418	9.2587	33.87	0.27336
Story1	B5	Push Max	466	10.4129	33.87	0.307437

Story1	B5	Push Max	466	10.4128	33.87	0.307434
Story1	B5	Push Max	490	10.9899	33.87	0.324473
Story1	B5	Push Min	10	-10.3066	33.87	0.304299
Story1	B5	Push Min	34	-9.7295	33.87	0.28726
Story1	B5	Push Min	34	-9.7296	33.87	0.287263
Story1	B5	Push Min	82	-8.5754	33.87	0.253186
Story1	B5	Push Min	130	-7.4213	33.87	0.219111
Story1	B5	Push Min	178	-6.2671	33.87	0.185034
Story1	B5	Push Min	226	-5.113	33.87	0.15096
Story1	B5	Push Min	274	-4.5213	33.87	0.13349
Story1	B5	Push Min	322	-4.0739	33.87	0.12028
Story1	B5	Push Min	370	-3.6266	33.87	0.107074
Story1	B5	Push Min	418	-3.1792	33.87	0.093865
Story1	B5	Push Min	466	-2.7319	33.87	0.080658
Story1	B5	Push Min	466	-2.7319	33.87	0.080658
Story1	B5	Push Min	490	-2.5082	33.87	0.074054
Story1	B6	Push Max	10	1.8146	33.87	0.053575
Story1	B6	Push Max	34	2.0383	33.87	0.06018
Story1	B6	Push Max	34	2.0383	33.87	0.06018
Story1	B6	Push Max	82	2.4857	33.87	0.073389
Story1	B6	Push Max	130	2.933	33.87	0.086596
Story1	B6	Push Max	178	3.3804	33.87	0.099805
Story1	B6	Push Max	226	3.8277	33.87	0.113012
Story1	B6	Push Max	274	4.5952	33.87	0.135672
Story1	B6	Push Max	322	5.7494	33.87	0.169749
Story1	B6	Push Max	370	6.9035	33.87	0.203823
Story1	B6	Push Max	418	8.0577	33.87	0.237901
Story1	B6	Push Max	466	9.2118	33.87	0.271975
Story1	B6	Push Max	466	9.2118	33.87	0.271975
Story1	B6	Push Max	490	9.7889	33.87	0.289014
Story1	B6	Push Min	10	-9.8973	33.87	0.292214
Story1	B6	Push Min	34	-9.3202	33.87	0.275176
Story1	B6	Push Min	34	-9.3203	33.87	0.275179
Story1	B6	Push Min	82	-8.1661	33.87	0.241101
Story1	B6	Push Min	130	-7.012	33.87	0.207027
Story1	B6	Push Min	178	-5.8578	33.87	0.17295
Story1	B6	Push Min	226	-4.7037	33.87	0.138875
Story1	B6	Push Min	274	-3.8697	33.87	0.114252
Story1	B6	Push Min	322	-3.4224	33.87	0.101045
Story1	B6	Push Min	370	-2.975	33.87	0.087836
Story1	B6	Push Min	418	-2.5277	33.87	0.074629
Story1	B6	Push Min	466	-2.0803	33.87	0.06142
Story1	B6	Push Min	466	-2.0804	33.87	0.061423

Story1	B6	Push Min	490	-1.8567	33.87	0.054818
Story1	B7	Push Max	10	1.8464	33.87	0.054514
Story1	B7	Push Max	34	2.0701	33.87	0.061119
Story1	B7	Push Max	34	2.0701	33.87	0.061119
Story1	B7	Push Max	82	2.5174	33.87	0.074325
Story1	B7	Push Max	130	2.9648	33.87	0.087535
Story1	B7	Push Max	178	3.4121	33.87	0.100741
Story1	B7	Push Max	226	3.8595	33.87	0.11395
Story1	B7	Push Max	274	4.6771	33.87	0.13809
Story1	B7	Push Max	322	5.8313	33.87	0.172167
Story1	B7	Push Max	370	6.9854	33.87	0.206242
Story1	B7	Push Max	418	8.1396	33.87	0.240319
Story1	B7	Push Max	466	9.2937	33.87	0.274393
Story1	B7	Push Max	466	9.2937	33.87	0.274393
Story1	B7	Push Max	490	9.8708	33.87	0.291432
Story1	B7	Push Min	10	-9.8154	33.87	0.289796
Story1	B7	Push Min	34	-9.2383	33.87	0.272758
Story1	B7	Push Min	34	-9.2384	33.87	0.272761
Story1	B7	Push Min	82	-8.0842	33.87	0.238683
Story1	B7	Push Min	130	-6.9301	33.87	0.204609
Story1	B7	Push Min	178	-5.7759	33.87	0.170531
Story1	B7	Push Min	226	-4.6218	33.87	0.136457
Story1	B7	Push Min	274	-3.8379	33.87	0.113313
Story1	B7	Push Min	322	-3.3906	33.87	0.100106
Story1	B7	Push Min	370	-2.9432	33.87	0.086897
Story1	B7	Push Min	418	-2.4959	33.87	0.073691
Story1	B7	Push Min	466	-2.0485	33.87	0.060481
Story1	B7	Push Min	466	-2.0486	33.87	0.060484
Story1	B7	Push Min	490	-1.8249	33.87	0.05388
Story1	B8	Push Max	10	2.4959	33.87	0.073691
Story1	B8	Push Max	34	2.7196	33.87	0.080295
Story1	B8	Push Max	34	2.7195	33.87	0.080292
Story1	B8	Push Max	82	3.1669	33.87	0.093502
Story1	B8	Push Max	130	3.6142	33.87	0.106708
Story1	B8	Push Max	178	4.0616	33.87	0.119917
Story1	B8	Push Max	226	4.5089	33.87	0.133124
Story1	B8	Push Max	274	5.0809	33.87	0.150012
Story1	B8	Push Max	322	6.2351	33.87	0.184089
Story1	B8	Push Max	370	7.3892	33.87	0.218164
Story1	B8	Push Max	418	8.5434	33.87	0.252241
Story1	B8	Push Max	466	9.6975	33.87	0.286315
Story1	B8	Push Max	466	9.6975	33.87	0.286315
Story1	B8	Push Max	490	10.2746	33.87	0.303354

Story1	B8	Push Min	10	-11.022	33.87	0.325421
Story1	B8	Push Min	34	-10.4449	33.87	0.308382
Story1	B8	Push Min	34	-10.4449	33.87	0.308382
Story1	B8	Push Min	82	-9.2908	33.87	0.274308
Story1	B8	Push Min	130	-8.1367	33.87	0.240233
Story1	B8	Push Min	178	-6.9825	33.87	0.206156
Story1	B8	Push Min	226	-5.8284	33.87	0.172081
Story1	B8	Push Min	274	-4.7988	33.87	0.141683
Story1	B8	Push Min	322	-4.3515	33.87	0.128477
Story1	B8	Push Min	370	-3.9041	33.87	0.115267
Story1	B8	Push Min	418	-3.4568	33.87	0.102061
Story1	B8	Push Min	466	-3.0094	33.87	0.088851
Story1	B8	Push Min	466	-3.0095	33.87	0.088854
Story1	B8	Push Min	490	-2.7858	33.87	0.08225
Story1	B9	Push Max	10	2.5507	33.87	0.075309
Story1	B9	Push Max	34	2.7744	33.87	0.081913
Story1	B9	Push Max	34	2.7743	33.87	0.08191
Story1	B9	Push Max	82	3.2217	33.87	0.09512
Story1	B9	Push Max	130	3.669	33.87	0.108326
Story1	B9	Push Max	178	4.1164	33.87	0.121535
Story1	B9	Push Max	226	4.5637	33.87	0.134742
Story1	B9	Push Max	274	5.5835	33.87	0.164851
Story1	B9	Push Max	322	6.7376	33.87	0.198925
Story1	B9	Push Max	370	7.8918	33.87	0.233003
Story1	B9	Push Max	418	9.0459	33.87	0.267077
Story1	B9	Push Max	466	10.2001	33.87	0.301154
Story1	B9	Push Max	466	10.2	33.87	0.301151
Story1	B9	Push Max	490	10.7771	33.87	0.31819
Story1	B9	Push Min	10	-10.0615	33.87	0.297062
Story1	B9	Push Min	34	-9.4844	33.87	0.280024
Story1	B9	Push Min	34	-9.4845	33.87	0.280027
Story1	B9	Push Min	82	-8.3303	33.87	0.245949
Story1	B9	Push Min	130	-7.1762	33.87	0.211875
Story1	B9	Push Min	178	-6.022	33.87	0.177797
Story1	B9	Push Min	226	-4.8679	33.87	0.143723
Story1	B9	Push Min	274	-4.2861	33.87	0.126546
Story1	B9	Push Min	322	-3.8388	33.87	0.113339
Story1	B9	Push Min	370	-3.3914	33.87	0.10013
Story1	B9	Push Min	418	-2.9441	33.87	0.086924
Story1	B9	Push Min	466	-2.4967	33.87	0.073714
Story1	B9	Push Min	466	-2.4967	33.87	0.073714
Story1	B9	Push Min	490	-2.2731	33.87	0.067112
Story1	B10	Push Max	10	1.6287	33.87	0.048087

Story1	B10	Push Max	34	1.8523	33.87	0.054689
Story1	B10	Push Max	34	1.8523	33.87	0.054689
Story1	B10	Push Max	82	2.2997	33.87	0.067898
Story1	B10	Push Max	130	2.747	33.87	0.081104
Story1	B10	Push Max	178	3.1944	33.87	0.094314
Story1	B10	Push Max	226	3.6417	33.87	0.10752
Story1	B10	Push Max	274	4.4174	33.87	0.130422
Story1	B10	Push Max	322	5.5716	33.87	0.1645
Story1	B10	Push Max	370	6.7257	33.87	0.198574
Story1	B10	Push Max	418	7.8798	33.87	0.232648
Story1	B10	Push Max	466	9.034	33.87	0.266726
Story1	B10	Push Max	466	9.0339	33.87	0.266723
Story1	B10	Push Max	490	9.611	33.87	0.283761
Story1	B10	Push Min	10	-9.693	33.87	0.286182
Story1	B10	Push Min	34	-9.1159	33.87	0.269144
Story1	B10	Push Min	34	-9.1159	33.87	0.269144
Story1	B10	Push Min	82	-7.9618	33.87	0.235069
Story1	B10	Push Min	130	-6.8076	33.87	0.200992
Story1	B10	Push Min	178	-5.6535	33.87	0.166918
Story1	B10	Push Min	226	-4.4993	33.87	0.13284
Story1	B10	Push Min	274	-3.6735	33.87	0.108459
Story1	B10	Push Min	322	-3.2262	33.87	0.095252
Story1	B10	Push Min	370	-2.7788	33.87	0.082043
Story1	B10	Push Min	418	-2.3315	33.87	0.068837
Story1	B10	Push Min	466	-1.8841	33.87	0.055627
Story1	B10	Push Min	466	-1.8841	33.87	0.055627
Story1	B10	Push Min	490	-1.6605	33.87	0.049026
Story1	B11	Push Max	10	1.6605	33.87	0.049026
Story1	B11	Push Max	34	1.8841	33.87	0.055627
Story1	B11	Push Max	34	1.8841	33.87	0.055627
Story1	B11	Push Max	82	2.3315	33.87	0.068837
Story1	B11	Push Max	130	2.7788	33.87	0.082043
Story1	B11	Push Max	178	3.2262	33.87	0.095252
Story1	B11	Push Max	226	3.6735	33.87	0.108459
Story1	B11	Push Max	274	4.4993	33.87	0.13284
Story1	B11	Push Max	322	5.6535	33.87	0.166918
Story1	B11	Push Max	370	6.8076	33.87	0.200992
Story1	B11	Push Max	418	7.9618	33.87	0.235069
Story1	B11	Push Max	466	9.1159	33.87	0.269144
Story1	B11	Push Max	466	9.1159	33.87	0.269144
Story1	B11	Push Max	490	9.693	33.87	0.286182
Story1	B11	Push Min	10	-9.611	33.87	0.283761
Story1	B11	Push Min	34	-9.0339	33.87	0.266723

Story1	B11	Push Min	34	-9.034	33.87	0.266726
Story1	B11	Push Min	82	-7.8798	33.87	0.232648
Story1	B11	Push Min	130	-6.7257	33.87	0.198574
Story1	B11	Push Min	178	-5.5716	33.87	0.1645
Story1	B11	Push Min	226	-4.4174	33.87	0.130422
Story1	B11	Push Min	274	-3.6417	33.87	0.10752
Story1	B11	Push Min	322	-3.1944	33.87	0.094314
Story1	B11	Push Min	370	-2.747	33.87	0.081104
Story1	B11	Push Min	418	-2.2997	33.87	0.067898
Story1	B11	Push Min	466	-1.8523	33.87	0.054689
Story1	B11	Push Min	466	-1.8523	33.87	0.054689
Story1	B11	Push Min	490	-1.6287	33.87	0.048087
Story1	B12	Push Max	10	2.2731	33.87	0.067112
Story1	B12	Push Max	34	2.4967	33.87	0.073714
Story1	B12	Push Max	34	2.4967	33.87	0.073714
Story1	B12	Push Max	82	2.9441	33.87	0.086924
Story1	B12	Push Max	130	3.3914	33.87	0.10013
Story1	B12	Push Max	178	3.8388	33.87	0.113339
Story1	B12	Push Max	226	4.2861	33.87	0.126546
Story1	B12	Push Max	274	4.8679	33.87	0.143723
Story1	B12	Push Max	322	6.022	33.87	0.177797
Story1	B12	Push Max	370	7.1762	33.87	0.211875
Story1	B12	Push Max	418	8.3303	33.87	0.245949
Story1	B12	Push Max	466	9.4845	33.87	0.280027
Story1	B12	Push Max	466	9.4844	33.87	0.280024
Story1	B12	Push Max	490	10.0615	33.87	0.297062
Story1	B12	Push Min	10	-10.7771	33.87	0.31819
Story1	B12	Push Min	34	-10.2	33.87	0.301151
Story1	B12	Push Min	34	-10.2001	33.87	0.301154
Story1	B12	Push Min	82	-9.0459	33.87	0.267077
Story1	B12	Push Min	130	-7.8918	33.87	0.233003
Story1	B12	Push Min	178	-6.7376	33.87	0.198925
Story1	B12	Push Min	226	-5.5835	33.87	0.164851
Story1	B12	Push Min	274	-4.5637	33.87	0.134742
Story1	B12	Push Min	322	-4.1164	33.87	0.121535
Story1	B12	Push Min	370	-3.669	33.87	0.108326
Story1	B12	Push Min	418	-3.2217	33.87	0.09512
Story1	B12	Push Min	466	-2.7743	33.87	0.08191
Story1	B12	Push Min	466	-2.7744	33.87	0.081913
Story1	B12	Push Min	490	-2.5507	33.87	0.075309
Story1	B13	Push Max	10	2.7858	33.87	0.08225
Story1	B13	Push Max	34	3.0095	33.87	0.088854
Story1	B13	Push Max	34	3.0094	33.87	0.088851

Story1	B13	Push Max	82	3.4568	33.87	0.102061
Story1	B13	Push Max	130	3.9041	33.87	0.115267
Story1	B13	Push Max	178	4.3515	33.87	0.128477
Story1	B13	Push Max	226	4.7988	33.87	0.141683
Story1	B13	Push Max	274	5.8284	33.87	0.172081
Story1	B13	Push Max	322	6.9825	33.87	0.206156
Story1	B13	Push Max	370	8.1367	33.87	0.240233
Story1	B13	Push Max	418	9.2908	33.87	0.274308
Story1	B13	Push Max	466	10.4449	33.87	0.308382
Story1	B13	Push Max	466	10.4449	33.87	0.308382
Story1	B13	Push Max	490	11.022	33.87	0.325421
Story1	B13	Push Min	10	-10.2746	33.87	0.303354
Story1	B13	Push Min	34	-9.6975	33.87	0.286315
Story1	B13	Push Min	34	-9.6975	33.87	0.286315
Story1	B13	Push Min	82	-8.5434	33.87	0.252241
Story1	B13	Push Min	130	-7.3892	33.87	0.218164
Story1	B13	Push Min	178	-6.2351	33.87	0.184089
Story1	B13	Push Min	226	-5.0809	33.87	0.150012
Story1	B13	Push Min	274	-4.5089	33.87	0.133124
Story1	B13	Push Min	322	-4.0616	33.87	0.119917
Story1	B13	Push Min	370	-3.6142	33.87	0.106708
Story1	B13	Push Min	418	-3.1669	33.87	0.093502
Story1	B13	Push Min	466	-2.7195	33.87	0.080292
Story1	B13	Push Min	466	-2.7196	33.87	0.080295
Story1	B13	Push Min	490	-2.4959	33.87	0.073691
Story1	B14	Push Max	10	1.8249	33.87	0.05388
Story1	B14	Push Max	34	2.0486	33.87	0.060484
Story1	B14	Push Max	34	2.0485	33.87	0.060481
Story1	B14	Push Max	82	2.4959	33.87	0.073691
Story1	B14	Push Max	130	2.9432	33.87	0.086897
Story1	B14	Push Max	178	3.3906	33.87	0.100106
Story1	B14	Push Max	226	3.8379	33.87	0.113313
Story1	B14	Push Max	274	4.6218	33.87	0.136457
Story1	B14	Push Max	322	5.7759	33.87	0.170531
Story1	B14	Push Max	370	6.9301	33.87	0.204609
Story1	B14	Push Max	418	8.0842	33.87	0.238683
Story1	B14	Push Max	466	9.2384	33.87	0.272761
Story1	B14	Push Max	466	9.2383	33.87	0.272758
Story1	B14	Push Max	490	9.8154	33.87	0.289796
Story1	B14	Push Min	10	-9.8708	33.87	0.291432
Story1	B14	Push Min	34	-9.2937	33.87	0.274393
Story1	B14	Push Min	34	-9.2937	33.87	0.274393
Story1	B14	Push Min	82	-8.1396	33.87	0.240319

Story1	B14	Push Min	130	-6.9854	33.87	0.206242
Story1	B14	Push Min	178	-5.8313	33.87	0.172167
Story1	B14	Push Min	226	-4.6771	33.87	0.13809
Story1	B14	Push Min	274	-3.8595	33.87	0.11395
Story1	B14	Push Min	322	-3.4121	33.87	0.100741
Story1	B14	Push Min	370	-2.9648	33.87	0.087535
Story1	B14	Push Min	418	-2.5174	33.87	0.074325
Story1	B14	Push Min	466	-2.0701	33.87	0.061119
Story1	B14	Push Min	466	-2.0701	33.87	0.061119
Story1	B14	Push Min	490	-1.8464	33.87	0.054514
Story1	B15	Push Max	10	1.8567	33.87	0.054818
Story1	B15	Push Max	34	2.0804	33.87	0.061423
Story1	B15	Push Max	34	2.0803	33.87	0.06142
Story1	B15	Push Max	82	2.5277	33.87	0.074629
Story1	B15	Push Max	130	2.975	33.87	0.087836
Story1	B15	Push Max	178	3.4224	33.87	0.101045
Story1	B15	Push Max	226	3.8697	33.87	0.114252
Story1	B15	Push Max	274	4.7037	33.87	0.138875
Story1	B15	Push Max	322	5.8578	33.87	0.17295
Story1	B15	Push Max	370	7.012	33.87	0.207027
Story1	B15	Push Max	418	8.1661	33.87	0.241101
Story1	B15	Push Max	466	9.3203	33.87	0.275179
Story1	B15	Push Max	466	9.3202	33.87	0.275176
Story1	B15	Push Max	490	9.8973	33.87	0.292214
Story1	B15	Push Min	10	-9.7889	33.87	0.289014
Story1	B15	Push Min	34	-9.2118	33.87	0.271975
Story1	B15	Push Min	34	-9.2118	33.87	0.271975
Story1	B15	Push Min	82	-8.0577	33.87	0.237901
Story1	B15	Push Min	130	-6.9035	33.87	0.203823
Story1	B15	Push Min	178	-5.7494	33.87	0.169749
Story1	B15	Push Min	226	-4.5952	33.87	0.135672
Story1	B15	Push Min	274	-3.8277	33.87	0.113012
Story1	B15	Push Min	322	-3.3804	33.87	0.099805
Story1	B15	Push Min	370	-2.933	33.87	0.086596
Story1	B15	Push Min	418	-2.4857	33.87	0.073389
Story1	B15	Push Min	466	-2.0383	33.87	0.06018
Story1	B15	Push Min	466	-2.0383	33.87	0.06018
Story1	B15	Push Min	490	-1.8146	33.87	0.053575
Story1	B16	Push Max	10	2.5082	33.87	0.074054
Story1	B16	Push Max	34	2.7319	33.87	0.080658
Story1	B16	Push Max	34	2.7319	33.87	0.080658
Story1	B16	Push Max	82	3.1792	33.87	0.093865
Story1	B16	Push Max	130	3.6266	33.87	0.107074

Story1	B16	Push Max	178	4.0739	33.87	0.12028
Story1	B16	Push Max	226	4.5213	33.87	0.13349
Story1	B16	Push Max	274	5.113	33.87	0.15096
Story1	B16	Push Max	322	6.2671	33.87	0.185034
Story1	B16	Push Max	370	7.4213	33.87	0.219111
Story1	B16	Push Max	418	8.5754	33.87	0.253186
Story1	B16	Push Max	466	9.7296	33.87	0.287263
Story1	B16	Push Max	466	9.7295	33.87	0.28726
Story1	B16	Push Max	490	10.3066	33.87	0.304299
Story1	B16	Push Min	10	-10.9899	33.87	0.324473
Story1	B16	Push Min	34	-10.4128	33.87	0.307434
Story1	B16	Push Min	34	-10.4129	33.87	0.307437
Story1	B16	Push Min	82	-9.2587	33.87	0.27336
Story1	B16	Push Min	130	-8.1046	33.87	0.239286
Story1	B16	Push Min	178	-6.9504	33.87	0.205208
Story1	B16	Push Min	226	-5.7963	33.87	0.171134
Story1	B16	Push Min	274	-4.7864	33.87	0.141317
Story1	B16	Push Min	322	-4.3391	33.87	0.12811
Story1	B16	Push Min	370	-3.8917	33.87	0.114901
Story1	B16	Push Min	418	-3.4444	33.87	0.101695
Story1	B16	Push Min	466	-2.997	33.87	0.088485
Story1	B16	Push Min	466	-2.9971	33.87	0.088488
Story1	B16	Push Min	490	-2.7734	33.87	0.081884
Story1	B17	Push Max	10	2.5602	33.87	0.075589
Story1	B17	Push Max	34	2.8203	33.87	0.083268
Story1	B17	Push Max	34	2.8203	33.87	0.083268
Story1	B17	Push Max	82	3.3405	33.87	0.098627
Story1	B17	Push Max	130	3.8607	33.87	0.113986
Story1	B17	Push Max	178	4.3809	33.87	0.129345
Story1	B17	Push Max	226	4.9012	33.87	0.144706
Story1	B17	Push Max	274	5.8854	33.87	0.173764
Story1	B17	Push Max	322	7.1884	33.87	0.212235
Story1	B17	Push Max	370	8.4915	33.87	0.250709
Story1	B17	Push Max	418	9.7945	33.87	0.289179
Story1	B17	Push Max	466	11.0976	33.87	0.327653
Story1	B17	Push Max	466	11.0975	33.87	0.32765
Story1	B17	Push Max	490	11.7491	33.87	0.346888
Story1	B17	Push Min	10	-11.4946	33.87	0.339374
Story1	B17	Push Min	34	-10.8431	33.87	0.320139
Story1	B17	Push Min	34	-10.8431	33.87	0.320139
Story1	B17	Push Min	82	-9.5401	33.87	0.281668
Story1	B17	Push Min	130	-8.237	33.87	0.243195
Story1	B17	Push Min	178	-6.934	33.87	0.204724

Story1	B17	Push Min	226	-5.631	33.87	0.166253
Story1	B17	Push Min	274	-4.7919	33.87	0.141479
Story1	B17	Push Min	322	-4.2717	33.87	0.12612
Story1	B17	Push Min	370	-3.7515	33.87	0.110762
Story1	B17	Push Min	418	-3.2313	33.87	0.095403
Story1	B17	Push Min	466	-2.7111	33.87	0.080044
Story1	B17	Push Min	466	-2.7111	33.87	0.080044
Story1	B17	Push Min	490	-2.451	33.87	0.072365
Story1	B18	Push Max	10	3.8543	33.87	0.113797
Story1	B18	Push Max	34	3.8959	33.87	0.115025
Story1	B18	Push Max	34	3.8959	33.87	0.115025
Story1	B18	Push Max	82	3.9789	33.87	0.117476
Story1	B18	Push Max	130	4.0619	33.87	0.119926
Story1	B18	Push Max	178	4.145	33.87	0.12238
Story1	B18	Push Max	226	4.228	33.87	0.12483
Story1	B18	Push Max	274	4.363	33.87	0.128816
Story1	B18	Push Max	322	4.5326	33.87	0.133823
Story1	B18	Push Max	370	4.7023	33.87	0.138834
Story1	B18	Push Max	418	4.872	33.87	0.143844
Story1	B18	Push Max	466	5.0416	33.87	0.148851
Story1	B18	Push Max	466	5.0416	33.87	0.148851
Story1	B18	Push Max	490	5.1265	33.87	0.151358
Story1	B18	Push Min	10	-5.1005	33.87	0.15059
Story1	B18	Push Min	34	-5.0156	33.87	0.148084
Story1	B18	Push Min	34	-5.0156	33.87	0.148084
Story1	B18	Push Min	82	-4.846	33.87	0.143076
Story1	B18	Push Min	130	-4.6763	33.87	0.138066
Story1	B18	Push Min	178	-4.5066	33.87	0.133056
Story1	B18	Push Min	226	-4.337	33.87	0.128048
Story1	B18	Push Min	274	-4.2192	33.87	0.12457
Story1	B18	Push Min	322	-4.1362	33.87	0.12212
Story1	B18	Push Min	370	-4.0532	33.87	0.119669
Story1	B18	Push Min	418	-3.9701	33.87	0.117216
Story1	B18	Push Min	466	-3.8871	33.87	0.114765
Story1	B18	Push Min	466	-3.8871	33.87	0.114765
Story1	B18	Push Min	490	-3.8456	33.87	0.11354
Story1	B19	Push Max	10	1.6899	33.87	0.049894
Story1	B19	Push Max	34	1.95	33.87	0.057573
Story1	B19	Push Max	34	1.95	33.87	0.057573
Story1	B19	Push Max	82	2.4702	33.87	0.072932
Story1	B19	Push Max	130	2.9904	33.87	0.088291
Story1	B19	Push Max	178	3.5106	33.87	0.103649
Story1	B19	Push Max	226	4.0308	33.87	0.119008

Story1	B19	Push Max	274	4.9819	33.87	0.147089
Story1	B19	Push Max	322	6.285	33.87	0.185562
Story1	B19	Push Max	370	7.588	33.87	0.224033
Story1	B19	Push Max	418	8.891	33.87	0.262504
Story1	B19	Push Max	466	10.1941	33.87	0.300977
Story1	B19	Push Max	466	10.1941	33.87	0.300977
Story1	B19	Push Max	490	10.8456	33.87	0.320213
Story1	B19	Push Min	10	-10.715	33.87	0.316357
Story1	B19	Push Min	34	-10.0635	33.87	0.297121
Story1	B19	Push Min	34	-10.0635	33.87	0.297121
Story1	B19	Push Min	82	-8.7605	33.87	0.258651
Story1	B19	Push Min	130	-7.4574	33.87	0.220177
Story1	B19	Push Min	178	-6.1544	33.87	0.181707
Story1	B19	Push Min	226	-4.8513	33.87	0.143233
Story1	B19	Push Min	274	-3.9792	33.87	0.117484
Story1	B19	Push Min	322	-3.459	33.87	0.102126
Story1	B19	Push Min	370	-2.9387	33.87	0.086764
Story1	B19	Push Min	418	-2.4185	33.87	0.071405
Story1	B19	Push Min	466	-1.8983	33.87	0.056047
Story1	B19	Push Min	466	-1.8983	33.87	0.056047
Story1	B19	Push Min	490	-1.6382	33.87	0.048367
Story1	B20	Push Max	10	4.5587	33.87	0.134594
Story1	B20	Push Max	34	4.6002	33.87	0.135819
Story1	B20	Push Max	34	4.6002	33.87	0.135819
Story1	B20	Push Max	82	4.6832	33.87	0.13827
Story1	B20	Push Max	130	4.7663	33.87	0.140723
Story1	B20	Push Max	178	4.8493	33.87	0.143174
Story1	B20	Push Max	226	4.9323	33.87	0.145624
Story1	B20	Push Max	274	5.0154	33.87	0.148078
Story1	B20	Push Max	322	5.0984	33.87	0.150528
Story1	B20	Push Max	370	5.201	33.87	0.153558
Story1	B20	Push Max	418	5.3706	33.87	0.158565
Story1	B20	Push Max	466	5.5403	33.87	0.163575
Story1	B20	Push Max	466	5.5403	33.87	0.163575
Story1	B20	Push Max	490	5.6251	33.87	0.166079
Story1	B20	Push Min	10	-6.2848	33.87	0.185557
Story1	B20	Push Min	34	-6.2	33.87	0.183053
Story1	B20	Push Min	34	-6.2	33.87	0.183053
Story1	B20	Push Min	82	-6.0303	33.87	0.178043
Story1	B20	Push Min	130	-5.8606	33.87	0.173032
Story1	B20	Push Min	178	-5.691	33.87	0.168025
Story1	B20	Push Min	226	-5.5213	33.87	0.163014
Story1	B20	Push Min	274	-5.3516	33.87	0.158004

Story1	B20	Push Min	322	-5.182	33.87	0.152997
Story1	B20	Push Min	370	-5.0318	33.87	0.148562
Story1	B20	Push Min	418	-4.9488	33.87	0.146112
Story1	B20	Push Min	466	-4.8658	33.87	0.143661
Story1	B20	Push Min	466	-4.8658	33.87	0.143661
Story1	B20	Push Min	490	-4.8243	33.87	0.142436
Story1	B21	Push Max	10	2.5602	33.87	0.075589
Story1	B21	Push Max	34	2.8203	33.87	0.083268
Story1	B21	Push Max	34	2.8203	33.87	0.083268
Story1	B21	Push Max	82	3.3405	33.87	0.098627
Story1	B21	Push Max	130	3.8607	33.87	0.113986
Story1	B21	Push Max	178	4.3809	33.87	0.129345
Story1	B21	Push Max	226	4.9012	33.87	0.144706
Story1	B21	Push Max	274	5.8854	33.87	0.173764
Story1	B21	Push Max	322	7.1884	33.87	0.212235
Story1	B21	Push Max	370	8.4915	33.87	0.250709
Story1	B21	Push Max	418	9.7945	33.87	0.289179
Story1	B21	Push Max	466	11.0976	33.87	0.327653
Story1	B21	Push Max	466	11.0975	33.87	0.32765
Story1	B21	Push Max	490	11.7491	33.87	0.346888
Story1	B21	Push Min	10	-11.4946	33.87	0.339374
Story1	B21	Push Min	34	-10.8431	33.87	0.320139
Story1	B21	Push Min	34	-10.8431	33.87	0.320139
Story1	B21	Push Min	82	-9.5401	33.87	0.281668
Story1	B21	Push Min	130	-8.237	33.87	0.243195
Story1	B21	Push Min	178	-6.934	33.87	0.204724
Story1	B21	Push Min	226	-5.631	33.87	0.166253
Story1	B21	Push Min	274	-4.7919	33.87	0.141479
Story1	B21	Push Min	322	-4.2717	33.87	0.12612
Story1	B21	Push Min	370	-3.7515	33.87	0.110762
Story1	B21	Push Min	418	-3.2313	33.87	0.095403
Story1	B21	Push Min	466	-2.7111	33.87	0.080044
Story1	B21	Push Min	466	-2.7111	33.87	0.080044
Story1	B21	Push Min	490	-2.451	33.87	0.072365
Story1	B22	Push Max	10	3.8543	33.87	0.113797
Story1	B22	Push Max	34	3.8959	33.87	0.115025
Story1	B22	Push Max	34	3.8959	33.87	0.115025
Story1	B22	Push Max	82	3.9789	33.87	0.117476
Story1	B22	Push Max	130	4.0619	33.87	0.119926
Story1	B22	Push Max	178	4.145	33.87	0.12238
Story1	B22	Push Max	226	4.228	33.87	0.12483
Story1	B22	Push Max	274	4.363	33.87	0.128816
Story1	B22	Push Max	322	4.5326	33.87	0.133823

Story1	B22	Push Max	370	4.7023	33.87	0.138834
Story1	B22	Push Max	418	4.872	33.87	0.143844
Story1	B22	Push Max	466	5.0416	33.87	0.148851
Story1	B22	Push Max	466	5.0416	33.87	0.148851
Story1	B22	Push Max	490	5.1265	33.87	0.151358
Story1	B22	Push Min	10	-5.1005	33.87	0.15059
Story1	B22	Push Min	34	-5.0156	33.87	0.148084
Story1	B22	Push Min	34	-5.0156	33.87	0.148084
Story1	B22	Push Min	82	-4.846	33.87	0.143076
Story1	B22	Push Min	130	-4.6763	33.87	0.138066
Story1	B22	Push Min	178	-4.5066	33.87	0.133056
Story1	B22	Push Min	226	-4.337	33.87	0.128048
Story1	B22	Push Min	274	-4.2192	33.87	0.12457
Story1	B22	Push Min	322	-4.1362	33.87	0.12212
Story1	B22	Push Min	370	-4.0532	33.87	0.119669
Story1	B22	Push Min	418	-3.9701	33.87	0.117216
Story1	B22	Push Min	466	-3.8871	33.87	0.114765
Story1	B22	Push Min	466	-3.8871	33.87	0.114765
Story1	B22	Push Min	490	-3.8456	33.87	0.11354
Story1	B23	Push Max	10	1.6899	33.87	0.049894
Story1	B23	Push Max	34	1.95	33.87	0.057573
Story1	B23	Push Max	34	1.95	33.87	0.057573
Story1	B23	Push Max	82	2.4702	33.87	0.072932
Story1	B23	Push Max	130	2.9904	33.87	0.088291
Story1	B23	Push Max	178	3.5106	33.87	0.103649
Story1	B23	Push Max	226	4.0308	33.87	0.119008
Story1	B23	Push Max	274	4.9819	33.87	0.147089
Story1	B23	Push Max	322	6.285	33.87	0.185562
Story1	B23	Push Max	370	7.588	33.87	0.224033
Story1	B23	Push Max	418	8.891	33.87	0.262504
Story1	B23	Push Max	466	10.1941	33.87	0.300977
Story1	B23	Push Max	466	10.1941	33.87	0.300977
Story1	B23	Push Max	490	10.8456	33.87	0.320213
Story1	B23	Push Min	10	-10.715	33.87	0.316357
Story1	B23	Push Min	34	-10.0635	33.87	0.297121
Story1	B23	Push Min	34	-10.0635	33.87	0.297121
Story1	B23	Push Min	82	-8.7605	33.87	0.258651
Story1	B23	Push Min	130	-7.4574	33.87	0.220177
Story1	B23	Push Min	178	-6.1544	33.87	0.181707
Story1	B23	Push Min	226	-4.8513	33.87	0.143233
Story1	B23	Push Min	274	-3.9792	33.87	0.117484
Story1	B23	Push Min	322	-3.459	33.87	0.102126
Story1	B23	Push Min	370	-2.9387	33.87	0.086764

Story1	B23	Push Min	418	-2.4185	33.87	0.071405
Story1	B23	Push Min	466	-1.8983	33.87	0.056047
Story1	B23	Push Min	466	-1.8983	33.87	0.056047
Story1	B23	Push Min	490	-1.6382	33.87	0.048367
Story1	B24	Push Max	10	4.5587	33.87	0.134594
Story1	B24	Push Max	34	4.6002	33.87	0.135819
Story1	B24	Push Max	34	4.6002	33.87	0.135819
Story1	B24	Push Max	82	4.6832	33.87	0.13827
Story1	B24	Push Max	130	4.7663	33.87	0.140723
Story1	B24	Push Max	178	4.8493	33.87	0.143174
Story1	B24	Push Max	226	4.9323	33.87	0.145624
Story1	B24	Push Max	274	5.0154	33.87	0.148078
Story1	B24	Push Max	322	5.0984	33.87	0.150528
Story1	B24	Push Max	370	5.201	33.87	0.153558
Story1	B24	Push Max	418	5.3706	33.87	0.158565
Story1	B24	Push Max	466	5.5403	33.87	0.163575
Story1	B24	Push Max	466	5.5403	33.87	0.163575
Story1	B24	Push Max	490	5.6251	33.87	0.166079
Story1	B24	Push Min	10	-6.2848	33.87	0.185557
Story1	B24	Push Min	34	-6.2	33.87	0.183053
Story1	B24	Push Min	34	-6.2	33.87	0.183053
Story1	B24	Push Min	82	-6.0303	33.87	0.178043
Story1	B24	Push Min	130	-5.8606	33.87	0.173032
Story1	B24	Push Min	178	-5.691	33.87	0.168025
Story1	B24	Push Min	226	-5.5213	33.87	0.163014
Story1	B24	Push Min	274	-5.3516	33.87	0.158004
Story1	B24	Push Min	322	-5.182	33.87	0.152997
Story1	B24	Push Min	370	-5.0318	33.87	0.148562
Story1	B24	Push Min	418	-4.9488	33.87	0.146112
Story1	B24	Push Min	466	-4.8658	33.87	0.143661
Story1	B24	Push Min	466	-4.8658	33.87	0.143661
Story1	B24	Push Min	490	-4.8243	33.87	0.142436
Story1	B25	Push Max	10	2.7858	33.87	0.08225
Story1	B25	Push Max	34	3.0095	33.87	0.088854
Story1	B25	Push Max	34	3.0094	33.87	0.088851
Story1	B25	Push Max	82	3.4568	33.87	0.102061
Story1	B25	Push Max	130	3.9041	33.87	0.115267
Story1	B25	Push Max	178	4.3515	33.87	0.128477
Story1	B25	Push Max	226	4.7988	33.87	0.141683
Story1	B25	Push Max	274	5.8284	33.87	0.172081
Story1	B25	Push Max	322	6.9825	33.87	0.206156
Story1	B25	Push Max	370	8.1367	33.87	0.240233
Story1	B25	Push Max	418	9.2908	33.87	0.274308

Story1	B25	Push Max	466	10.4449	33.87	0.308382
Story1	B25	Push Max	466	10.4449	33.87	0.308382
Story1	B25	Push Max	490	11.022	33.87	0.325421
Story1	B25	Push Min	10	-10.2746	33.87	0.303354
Story1	B25	Push Min	34	-9.6975	33.87	0.286315
Story1	B25	Push Min	34	-9.6975	33.87	0.286315
Story1	B25	Push Min	82	-8.5434	33.87	0.252241
Story1	B25	Push Min	130	-7.3892	33.87	0.218164
Story1	B25	Push Min	178	-6.2351	33.87	0.184089
Story1	B25	Push Min	226	-5.0809	33.87	0.150012
Story1	B25	Push Min	274	-4.5089	33.87	0.133124
Story1	B25	Push Min	322	-4.0616	33.87	0.119917
Story1	B25	Push Min	370	-3.6142	33.87	0.106708
Story1	B25	Push Min	418	-3.1669	33.87	0.093502
Story1	B25	Push Min	466	-2.7195	33.87	0.080292
Story1	B25	Push Min	466	-2.7196	33.87	0.080295
Story1	B25	Push Min	490	-2.4959	33.87	0.073691
Story1	B26	Push Max	10	1.8249	33.87	0.05388
Story1	B26	Push Max	34	2.0486	33.87	0.060484
Story1	B26	Push Max	34	2.0485	33.87	0.060481
Story1	B26	Push Max	82	2.4959	33.87	0.073691
Story1	B26	Push Max	130	2.9432	33.87	0.086897
Story1	B26	Push Max	178	3.3906	33.87	0.100106
Story1	B26	Push Max	226	3.8379	33.87	0.113313
Story1	B26	Push Max	274	4.6218	33.87	0.136457
Story1	B26	Push Max	322	5.7759	33.87	0.170531
Story1	B26	Push Max	370	6.9301	33.87	0.204609
Story1	B26	Push Max	418	8.0842	33.87	0.238683
Story1	B26	Push Max	466	9.2384	33.87	0.272761
Story1	B26	Push Max	466	9.2383	33.87	0.272758
Story1	B26	Push Max	490	9.8154	33.87	0.289796
Story1	B26	Push Min	10	-9.8708	33.87	0.291432
Story1	B26	Push Min	34	-9.2937	33.87	0.274393
Story1	B26	Push Min	34	-9.2937	33.87	0.274393
Story1	B26	Push Min	82	-8.1396	33.87	0.240319
Story1	B26	Push Min	130	-6.9854	33.87	0.206242
Story1	B26	Push Min	178	-5.8313	33.87	0.172167
Story1	B26	Push Min	226	-4.6771	33.87	0.13809
Story1	B26	Push Min	274	-3.8595	33.87	0.11395
Story1	B26	Push Min	322	-3.4121	33.87	0.100741
Story1	B26	Push Min	370	-2.9648	33.87	0.087535
Story1	B26	Push Min	418	-2.5174	33.87	0.074325
Story1	B26	Push Min	466	-2.0701	33.87	0.061119

Story1	B26	Push Min	466	-2.0701	33.87	0.061119
Story1	B26	Push Min	490	-1.8464	33.87	0.054514
Story1	B27	Push Max	10	1.8567	33.87	0.054818
Story1	B27	Push Max	34	2.0804	33.87	0.061423
Story1	B27	Push Max	34	2.0803	33.87	0.06142
Story1	B27	Push Max	82	2.5277	33.87	0.074629
Story1	B27	Push Max	130	2.975	33.87	0.087836
Story1	B27	Push Max	178	3.4224	33.87	0.101045
Story1	B27	Push Max	226	3.8697	33.87	0.114252
Story1	B27	Push Max	274	4.7037	33.87	0.138875
Story1	B27	Push Max	322	5.8578	33.87	0.17295
Story1	B27	Push Max	370	7.012	33.87	0.207027
Story1	B27	Push Max	418	8.1661	33.87	0.241101
Story1	B27	Push Max	466	9.3203	33.87	0.275179
Story1	B27	Push Max	466	9.3202	33.87	0.275176
Story1	B27	Push Max	490	9.8973	33.87	0.292214
Story1	B27	Push Min	10	-9.7889	33.87	0.289014
Story1	B27	Push Min	34	-9.2118	33.87	0.271975
Story1	B27	Push Min	34	-9.2118	33.87	0.271975
Story1	B27	Push Min	82	-8.0577	33.87	0.237901
Story1	B27	Push Min	130	-6.9035	33.87	0.203823
Story1	B27	Push Min	178	-5.7494	33.87	0.169749
Story1	B27	Push Min	226	-4.5952	33.87	0.135672
Story1	B27	Push Min	274	-3.8277	33.87	0.113012
Story1	B27	Push Min	322	-3.3804	33.87	0.099805
Story1	B27	Push Min	370	-2.933	33.87	0.086596
Story1	B27	Push Min	418	-2.4857	33.87	0.073389
Story1	B27	Push Min	466	-2.0383	33.87	0.06018
Story1	B27	Push Min	466	-2.0383	33.87	0.06018
Story1	B27	Push Min	490	-1.8146	33.87	0.053575
Story1	B28	Push Max	10	2.5082	33.87	0.074054
Story1	B28	Push Max	34	2.7319	33.87	0.080658
Story1	B28	Push Max	34	2.7319	33.87	0.080658
Story1	B28	Push Max	82	3.1792	33.87	0.093865
Story1	B28	Push Max	130	3.6266	33.87	0.107074
Story1	B28	Push Max	178	4.0739	33.87	0.12028
Story1	B28	Push Max	226	4.5213	33.87	0.13349
Story1	B28	Push Max	274	5.113	33.87	0.15096
Story1	B28	Push Max	322	6.2671	33.87	0.185034
Story1	B28	Push Max	370	7.4213	33.87	0.219111
Story1	B28	Push Max	418	8.5754	33.87	0.253186
Story1	B28	Push Max	466	9.7296	33.87	0.287263
Story1	B28	Push Max	466	9.7295	33.87	0.28726

Story1	B28	Push Max	490	10.3066	33.87	0.304299
Story1	B28	Push Min	10	-10.9899	33.87	0.324473
Story1	B28	Push Min	34	-10.4128	33.87	0.307434
Story1	B28	Push Min	34	-10.4129	33.87	0.307437
Story1	B28	Push Min	82	-9.2587	33.87	0.27336
Story1	B28	Push Min	130	-8.1046	33.87	0.239286
Story1	B28	Push Min	178	-6.9504	33.87	0.205208
Story1	B28	Push Min	226	-5.7963	33.87	0.171134
Story1	B28	Push Min	274	-4.7864	33.87	0.141317
Story1	B28	Push Min	322	-4.3391	33.87	0.12811
Story1	B28	Push Min	370	-3.8917	33.87	0.114901
Story1	B28	Push Min	418	-3.4444	33.87	0.101695
Story1	B28	Push Min	466	-2.997	33.87	0.088485
Story1	B28	Push Min	466	-2.9971	33.87	0.088488
Story1	B28	Push Min	490	-2.7734	33.87	0.081884
Story1	B29	Push Max	10	2.5507	33.87	0.075309
Story1	B29	Push Max	34	2.7744	33.87	0.081913
Story1	B29	Push Max	34	2.7743	33.87	0.08191
Story1	B29	Push Max	82	3.2217	33.87	0.09512
Story1	B29	Push Max	130	3.669	33.87	0.108326
Story1	B29	Push Max	178	4.1164	33.87	0.121535
Story1	B29	Push Max	226	4.5637	33.87	0.134742
Story1	B29	Push Max	274	5.5835	33.87	0.164851
Story1	B29	Push Max	322	6.7376	33.87	0.198925
Story1	B29	Push Max	370	7.8918	33.87	0.233003
Story1	B29	Push Max	418	9.0459	33.87	0.267077
Story1	B29	Push Max	466	10.2001	33.87	0.301154
Story1	B29	Push Max	466	10.2	33.87	0.301151
Story1	B29	Push Max	490	10.7771	33.87	0.31819
Story1	B29	Push Min	10	-10.0615	33.87	0.297062
Story1	B29	Push Min	34	-9.4844	33.87	0.280024
Story1	B29	Push Min	34	-9.4845	33.87	0.280027
Story1	B29	Push Min	82	-8.3303	33.87	0.245949
Story1	B29	Push Min	130	-7.1762	33.87	0.211875
Story1	B29	Push Min	178	-6.022	33.87	0.177797
Story1	B29	Push Min	226	-4.8679	33.87	0.143723
Story1	B29	Push Min	274	-4.2861	33.87	0.126546
Story1	B29	Push Min	322	-3.8388	33.87	0.113339
Story1	B29	Push Min	370	-3.3914	33.87	0.10013
Story1	B29	Push Min	418	-2.9441	33.87	0.086924
Story1	B29	Push Min	466	-2.4967	33.87	0.073714
Story1	B29	Push Min	466	-2.4967	33.87	0.073714
Story1	B29	Push Min	490	-2.2731	33.87	0.067112

Story1	B30	Push Max	10	1.6287	33.87	0.048087
Story1	B30	Push Max	34	1.8523	33.87	0.054689
Story1	B30	Push Max	34	1.8523	33.87	0.054689
Story1	B30	Push Max	82	2.2997	33.87	0.067898
Story1	B30	Push Max	130	2.747	33.87	0.081104
Story1	B30	Push Max	178	3.1944	33.87	0.094314
Story1	B30	Push Max	226	3.6417	33.87	0.10752
Story1	B30	Push Max	274	4.4174	33.87	0.130422
Story1	B30	Push Max	322	5.5716	33.87	0.1645
Story1	B30	Push Max	370	6.7257	33.87	0.198574
Story1	B30	Push Max	418	7.8798	33.87	0.232648
Story1	B30	Push Max	466	9.034	33.87	0.266726
Story1	B30	Push Max	466	9.0339	33.87	0.266723
Story1	B30	Push Max	490	9.611	33.87	0.283761
Story1	B30	Push Min	10	-9.693	33.87	0.286182
Story1	B30	Push Min	34	-9.1159	33.87	0.269144
Story1	B30	Push Min	34	-9.1159	33.87	0.269144
Story1	B30	Push Min	82	-7.9618	33.87	0.235069
Story1	B30	Push Min	130	-6.8076	33.87	0.200992
Story1	B30	Push Min	178	-5.6535	33.87	0.166918
Story1	B30	Push Min	226	-4.4993	33.87	0.13284
Story1	B30	Push Min	274	-3.6735	33.87	0.108459
Story1	B30	Push Min	322	-3.2262	33.87	0.095252
Story1	B30	Push Min	370	-2.7788	33.87	0.082043
Story1	B30	Push Min	418	-2.3315	33.87	0.068837
Story1	B30	Push Min	466	-1.8841	33.87	0.055627
Story1	B30	Push Min	466	-1.8841	33.87	0.055627
Story1	B30	Push Min	490	-1.6605	33.87	0.049026
Story1	B31	Push Max	10	1.6605	33.87	0.049026
Story1	B31	Push Max	34	1.8841	33.87	0.055627
Story1	B31	Push Max	34	1.8841	33.87	0.055627
Story1	B31	Push Max	82	2.3315	33.87	0.068837
Story1	B31	Push Max	130	2.7788	33.87	0.082043
Story1	B31	Push Max	178	3.2262	33.87	0.095252
Story1	B31	Push Max	226	3.6735	33.87	0.108459
Story1	B31	Push Max	274	4.4993	33.87	0.13284
Story1	B31	Push Max	322	5.6535	33.87	0.166918
Story1	B31	Push Max	370	6.8076	33.87	0.200992
Story1	B31	Push Max	418	7.9618	33.87	0.235069
Story1	B31	Push Max	466	9.1159	33.87	0.269144
Story1	B31	Push Max	466	9.1159	33.87	0.269144
Story1	B31	Push Max	490	9.693	33.87	0.286182
Story1	B31	Push Min	10	-9.611	33.87	0.283761

Story1	B31	Push Min	34	-9.0339	33.87	0.266723
Story1	B31	Push Min	34	-9.034	33.87	0.266726
Story1	B31	Push Min	82	-7.8798	33.87	0.232648
Story1	B31	Push Min	130	-6.7257	33.87	0.198574
Story1	B31	Push Min	178	-5.5716	33.87	0.1645
Story1	B31	Push Min	226	-4.4174	33.87	0.130422
Story1	B31	Push Min	274	-3.6417	33.87	0.10752
Story1	B31	Push Min	322	-3.1944	33.87	0.094314
Story1	B31	Push Min	370	-2.747	33.87	0.081104
Story1	B31	Push Min	418	-2.2997	33.87	0.067898
Story1	B31	Push Min	466	-1.8523	33.87	0.054689
Story1	B31	Push Min	466	-1.8523	33.87	0.054689
Story1	B31	Push Min	490	-1.6287	33.87	0.048087
Story1	B32	Push Max	10	2.2731	33.87	0.067112
Story1	B32	Push Max	34	2.4967	33.87	0.073714
Story1	B32	Push Max	34	2.4967	33.87	0.073714
Story1	B32	Push Max	82	2.9441	33.87	0.086924
Story1	B32	Push Max	130	3.3914	33.87	0.10013
Story1	B32	Push Max	178	3.8388	33.87	0.113339
Story1	B32	Push Max	226	4.2861	33.87	0.126546
Story1	B32	Push Max	274	4.8679	33.87	0.143723
Story1	B32	Push Max	322	6.022	33.87	0.177797
Story1	B32	Push Max	370	7.1762	33.87	0.211875
Story1	B32	Push Max	418	8.3303	33.87	0.245949
Story1	B32	Push Max	466	9.4845	33.87	0.280027
Story1	B32	Push Max	466	9.4844	33.87	0.280024
Story1	B32	Push Max	490	10.0615	33.87	0.297062
Story1	B32	Push Min	10	-10.7771	33.87	0.31819
Story1	B32	Push Min	34	-10.2	33.87	0.301151
Story1	B32	Push Min	34	-10.2001	33.87	0.301154
Story1	B32	Push Min	82	-9.0459	33.87	0.267077
Story1	B32	Push Min	130	-7.8918	33.87	0.233003
Story1	B32	Push Min	178	-6.7376	33.87	0.198925
Story1	B32	Push Min	226	-5.5835	33.87	0.164851
Story1	B32	Push Min	274	-4.5637	33.87	0.134742
Story1	B32	Push Min	322	-4.1164	33.87	0.121535
Story1	B32	Push Min	370	-3.669	33.87	0.108326
Story1	B32	Push Min	418	-3.2217	33.87	0.09512
Story1	B32	Push Min	466	-2.7743	33.87	0.08191
Story1	B32	Push Min	466	-2.7744	33.87	0.081913
Story1	B32	Push Min	490	-2.5507	33.87	0.075309
Story1	B33	Push Max	10	2.7734	33.87	0.081884
Story1	B33	Push Max	34	2.9971	33.87	0.088488

Story1	B33	Push Max	34	2.997	33.87	0.088485
Story1	B33	Push Max	82	3.4444	33.87	0.101695
Story1	B33	Push Max	130	3.8917	33.87	0.114901
Story1	B33	Push Max	178	4.3391	33.87	0.12811
Story1	B33	Push Max	226	4.7864	33.87	0.141317
Story1	B33	Push Max	274	5.7963	33.87	0.171134
Story1	B33	Push Max	322	6.9504	33.87	0.205208
Story1	B33	Push Max	370	8.1046	33.87	0.239286
Story1	B33	Push Max	418	9.2587	33.87	0.27336
Story1	B33	Push Max	466	10.4129	33.87	0.307437
Story1	B33	Push Max	466	10.4128	33.87	0.307434
Story1	B33	Push Max	490	10.9899	33.87	0.324473
Story1	B33	Push Min	10	-10.3066	33.87	0.304299
Story1	B33	Push Min	34	-9.7295	33.87	0.28726
Story1	B33	Push Min	34	-9.7296	33.87	0.287263
Story1	B33	Push Min	82	-8.5754	33.87	0.253186
Story1	B33	Push Min	130	-7.4213	33.87	0.219111
Story1	B33	Push Min	178	-6.2671	33.87	0.185034
Story1	B33	Push Min	226	-5.113	33.87	0.15096
Story1	B33	Push Min	274	-4.5213	33.87	0.13349
Story1	B33	Push Min	322	-4.0739	33.87	0.12028
Story1	B33	Push Min	370	-3.6266	33.87	0.107074
Story1	B33	Push Min	418	-3.1792	33.87	0.093865
Story1	B33	Push Min	466	-2.7319	33.87	0.080658
Story1	B33	Push Min	466	-2.7319	33.87	0.080658
Story1	B33	Push Min	490	-2.5082	33.87	0.074054
Story1	B34	Push Max	10	1.8146	33.87	0.053575
Story1	B34	Push Max	34	2.0383	33.87	0.06018
Story1	B34	Push Max	34	2.0383	33.87	0.06018
Story1	B34	Push Max	82	2.4857	33.87	0.073389
Story1	B34	Push Max	130	2.933	33.87	0.086596
Story1	B34	Push Max	178	3.3804	33.87	0.099805
Story1	B34	Push Max	226	3.8277	33.87	0.113012
Story1	B34	Push Max	274	4.5952	33.87	0.135672
Story1	B34	Push Max	322	5.7494	33.87	0.169749
Story1	B34	Push Max	370	6.9035	33.87	0.203823
Story1	B34	Push Max	418	8.0577	33.87	0.237901
Story1	B34	Push Max	466	9.2118	33.87	0.271975
Story1	B34	Push Max	466	9.2118	33.87	0.271975
Story1	B34	Push Max	490	9.7889	33.87	0.289014
Story1	B34	Push Min	10	-9.8973	33.87	0.292214
Story1	B34	Push Min	34	-9.3202	33.87	0.275176
Story1	B34	Push Min	34	-9.3203	33.87	0.275179

Story1	B34	Push Min	82	-8.1661	33.87	0.241101
Story1	B34	Push Min	130	-7.012	33.87	0.207027
Story1	B34	Push Min	178	-5.8578	33.87	0.17295
Story1	B34	Push Min	226	-4.7037	33.87	0.138875
Story1	B34	Push Min	274	-3.8697	33.87	0.114252
Story1	B34	Push Min	322	-3.4224	33.87	0.101045
Story1	B34	Push Min	370	-2.975	33.87	0.087836
Story1	B34	Push Min	418	-2.5277	33.87	0.074629
Story1	B34	Push Min	466	-2.0803	33.87	0.06142
Story1	B34	Push Min	466	-2.0804	33.87	0.061423
Story1	B34	Push Min	490	-1.8567	33.87	0.054818
Story1	B35	Push Max	10	1.8464	33.87	0.054514
Story1	B35	Push Max	34	2.0701	33.87	0.061119
Story1	B35	Push Max	34	2.0701	33.87	0.061119
Story1	B35	Push Max	82	2.5174	33.87	0.074325
Story1	B35	Push Max	130	2.9648	33.87	0.087535
Story1	B35	Push Max	178	3.4121	33.87	0.100741
Story1	B35	Push Max	226	3.8595	33.87	0.11395
Story1	B35	Push Max	274	4.6771	33.87	0.13809
Story1	B35	Push Max	322	5.8313	33.87	0.172167
Story1	B35	Push Max	370	6.9854	33.87	0.206242
Story1	B35	Push Max	418	8.1396	33.87	0.240319
Story1	B35	Push Max	466	9.2937	33.87	0.274393
Story1	B35	Push Max	466	9.2937	33.87	0.274393
Story1	B35	Push Max	490	9.8708	33.87	0.291432
Story1	B35	Push Min	10	-9.8154	33.87	0.289796
Story1	B35	Push Min	34	-9.2383	33.87	0.272758
Story1	B35	Push Min	34	-9.2384	33.87	0.272761
Story1	B35	Push Min	82	-8.0842	33.87	0.238683
Story1	B35	Push Min	130	-6.9301	33.87	0.204609
Story1	B35	Push Min	178	-5.7759	33.87	0.170531
Story1	B35	Push Min	226	-4.6218	33.87	0.136457
Story1	B35	Push Min	274	-3.8379	33.87	0.113313
Story1	B35	Push Min	322	-3.3906	33.87	0.100106
Story1	B35	Push Min	370	-2.9432	33.87	0.086897
Story1	B35	Push Min	418	-2.4959	33.87	0.073691
Story1	B35	Push Min	466	-2.0485	33.87	0.060481
Story1	B35	Push Min	466	-2.0486	33.87	0.060484
Story1	B35	Push Min	490	-1.8249	33.87	0.05388
Story1	B36	Push Max	10	2.4959	33.87	0.073691
Story1	B36	Push Max	34	2.7196	33.87	0.080295
Story1	B36	Push Max	34	2.7195	33.87	0.080292
Story1	B36	Push Max	82	3.1669	33.87	0.093502

Story1	B36	Push Max	130	3.6142	33.87	0.106708
Story1	B36	Push Max	178	4.0616	33.87	0.119917
Story1	B36	Push Max	226	4.5089	33.87	0.133124
Story1	B36	Push Max	274	5.0809	33.87	0.150012
Story1	B36	Push Max	322	6.2351	33.87	0.184089
Story1	B36	Push Max	370	7.3892	33.87	0.218164
Story1	B36	Push Max	418	8.5434	33.87	0.252241
Story1	B36	Push Max	466	9.6975	33.87	0.286315
Story1	B36	Push Max	466	9.6975	33.87	0.286315
Story1	B36	Push Max	490	10.2746	33.87	0.303354
Story1	B36	Push Min	10	-11.022	33.87	0.325421
Story1	B36	Push Min	34	-10.4449	33.87	0.308382
Story1	B36	Push Min	34	-10.4449	33.87	0.308382
Story1	B36	Push Min	82	-9.2908	33.87	0.274308
Story1	B36	Push Min	130	-8.1367	33.87	0.240233
Story1	B36	Push Min	178	-6.9825	33.87	0.206156
Story1	B36	Push Min	226	-5.8284	33.87	0.172081
Story1	B36	Push Min	274	-4.7988	33.87	0.141683
Story1	B36	Push Min	322	-4.3515	33.87	0.128477
Story1	B36	Push Min	370	-3.9041	33.87	0.115267
Story1	B36	Push Min	418	-3.4568	33.87	0.102061
Story1	B36	Push Min	466	-3.0094	33.87	0.088851
Story1	B36	Push Min	466	-3.0095	33.87	0.088854
Story1	B36	Push Min	490	-2.7858	33.87	0.08225
Story1	B37	Push Max	10	4.8243	33.87	0.142436
Story1	B37	Push Max	34	4.8658	33.87	0.143661
Story1	B37	Push Max	34	4.8658	33.87	0.143661
Story1	B37	Push Max	82	4.9488	33.87	0.146112
Story1	B37	Push Max	130	5.0318	33.87	0.148562
Story1	B37	Push Max	178	5.182	33.87	0.152997
Story1	B37	Push Max	226	5.3516	33.87	0.158004
Story1	B37	Push Max	274	5.5213	33.87	0.163014
Story1	B37	Push Max	322	5.691	33.87	0.168025
Story1	B37	Push Max	370	5.8606	33.87	0.173032
Story1	B37	Push Max	418	6.0303	33.87	0.178043
Story1	B37	Push Max	466	6.2	33.87	0.183053
Story1	B37	Push Max	466	6.2	33.87	0.183053
Story1	B37	Push Max	490	6.2848	33.87	0.185557
Story1	B37	Push Min	10	-5.6251	33.87	0.166079
Story1	B37	Push Min	34	-5.5403	33.87	0.163575
Story1	B37	Push Min	34	-5.5403	33.87	0.163575
Story1	B37	Push Min	82	-5.3706	33.87	0.158565
Story1	B37	Push Min	130	-5.201	33.87	0.153558

Story1	B37	Push Min	178	-5.0984	33.87	0.150528
Story1	B37	Push Min	226	-5.0154	33.87	0.148078
Story1	B37	Push Min	274	-4.9323	33.87	0.145624
Story1	B37	Push Min	322	-4.8493	33.87	0.143174
Story1	B37	Push Min	370	-4.7663	33.87	0.140723
Story1	B37	Push Min	418	-4.6832	33.87	0.13827
Story1	B37	Push Min	466	-4.6002	33.87	0.135819
Story1	B37	Push Min	466	-4.6002	33.87	0.135819
Story1	B37	Push Min	490	-4.5587	33.87	0.134594
Story1	B38	Push Max	10	1.6382	33.87	0.048367
Story1	B38	Push Max	34	1.8983	33.87	0.056047
Story1	B38	Push Max	34	1.8983	33.87	0.056047
Story1	B38	Push Max	82	2.4185	33.87	0.071405
Story1	B38	Push Max	130	2.9387	33.87	0.086764
Story1	B38	Push Max	178	3.459	33.87	0.102126
Story1	B38	Push Max	226	3.9792	33.87	0.117484
Story1	B38	Push Max	274	4.8513	33.87	0.143233
Story1	B38	Push Max	322	6.1544	33.87	0.181707
Story1	B38	Push Max	370	7.4574	33.87	0.220177
Story1	B38	Push Max	418	8.7605	33.87	0.258651
Story1	B38	Push Max	466	10.0635	33.87	0.297121
Story1	B38	Push Max	466	10.0635	33.87	0.297121
Story1	B38	Push Max	490	10.715	33.87	0.316357
Story1	B38	Push Min	10	-10.8456	33.87	0.320213
Story1	B38	Push Min	34	-10.1941	33.87	0.300977
Story1	B38	Push Min	34	-10.1941	33.87	0.300977
Story1	B38	Push Min	82	-8.891	33.87	0.262504
Story1	B38	Push Min	130	-7.588	33.87	0.224033
Story1	B38	Push Min	178	-6.285	33.87	0.185562
Story1	B38	Push Min	226	-4.9819	33.87	0.147089
Story1	B38	Push Min	274	-4.0308	33.87	0.119008
Story1	B38	Push Min	322	-3.5106	33.87	0.103649
Story1	B38	Push Min	370	-2.9904	33.87	0.088291
Story1	B38	Push Min	418	-2.4702	33.87	0.072932
Story1	B38	Push Min	466	-1.95	33.87	0.057573
Story1	B38	Push Min	466	-1.95	33.87	0.057573
Story1	B38	Push Min	490	-1.6899	33.87	0.049894
Story1	B39	Push Max	10	3.8456	33.87	0.11354
Story1	B39	Push Max	34	3.8871	33.87	0.114765
Story1	B39	Push Max	34	3.8871	33.87	0.114765
Story1	B39	Push Max	82	3.9701	33.87	0.117216
Story1	B39	Push Max	130	4.0532	33.87	0.119669
Story1	B39	Push Max	178	4.1362	33.87	0.12212

Story1	B39	Push Max	226	4.2192	33.87	0.12457
Story1	B39	Push Max	274	4.337	33.87	0.128048
Story1	B39	Push Max	322	4.5066	33.87	0.133056
Story1	B39	Push Max	370	4.6763	33.87	0.138066
Story1	B39	Push Max	418	4.846	33.87	0.143076
Story1	B39	Push Max	466	5.0156	33.87	0.148084
Story1	B39	Push Max	466	5.0156	33.87	0.148084
Story1	B39	Push Max	490	5.1005	33.87	0.15059
Story1	B39	Push Min	10	-5.1265	33.87	0.151358
Story1	B39	Push Min	34	-5.0416	33.87	0.148851
Story1	B39	Push Min	34	-5.0416	33.87	0.148851
Story1	B39	Push Min	82	-4.872	33.87	0.143844
Story1	B39	Push Min	130	-4.7023	33.87	0.138834
Story1	B39	Push Min	178	-4.5326	33.87	0.133823
Story1	B39	Push Min	226	-4.363	33.87	0.128816
Story1	B39	Push Min	274	-4.228	33.87	0.12483
Story1	B39	Push Min	322	-4.145	33.87	0.12238
Story1	B39	Push Min	370	-4.0619	33.87	0.119926
Story1	B39	Push Min	418	-3.9789	33.87	0.117476
Story1	B39	Push Min	466	-3.8959	33.87	0.115025
Story1	B39	Push Min	466	-3.8959	33.87	0.115025
Story1	B39	Push Min	490	-3.8543	33.87	0.113797
Story1	B40	Push Max	10	2.451	33.87	0.072365
Story1	B40	Push Max	34	2.7111	33.87	0.080044
Story1	B40	Push Max	34	2.7111	33.87	0.080044
Story1	B40	Push Max	82	3.2313	33.87	0.095403
Story1	B40	Push Max	130	3.7515	33.87	0.110762
Story1	B40	Push Max	178	4.2717	33.87	0.12612
Story1	B40	Push Max	226	4.7919	33.87	0.141479
Story1	B40	Push Max	274	5.631	33.87	0.166253
Story1	B40	Push Max	322	6.934	33.87	0.204724
Story1	B40	Push Max	370	8.237	33.87	0.243195
Story1	B40	Push Max	418	9.5401	33.87	0.281668
Story1	B40	Push Max	466	10.8431	33.87	0.320139
Story1	B40	Push Max	466	10.8431	33.87	0.320139
Story1	B40	Push Max	490	11.4946	33.87	0.339374
Story1	B40	Push Min	10	-11.7491	33.87	0.346888
Story1	B40	Push Min	34	-11.0975	33.87	0.32765
Story1	B40	Push Min	34	-11.0976	33.87	0.327653
Story1	B40	Push Min	82	-9.7945	33.87	0.289179
Story1	B40	Push Min	130	-8.4915	33.87	0.250709
Story1	B40	Push Min	178	-7.1884	33.87	0.212235
Story1	B40	Push Min	226	-5.8854	33.87	0.173764

Story1	B40	Push Min	274	-4.9012	33.87	0.144706
Story1	B40	Push Min	322	-4.3809	33.87	0.129345
Story1	B40	Push Min	370	-3.8607	33.87	0.113986
Story1	B40	Push Min	418	-3.3405	33.87	0.098627
Story1	B40	Push Min	466	-2.8203	33.87	0.083268
Story1	B40	Push Min	466	-2.8203	33.87	0.083268
Story1	B40	Push Min	490	-2.5602	33.87	0.075589

- محاسبه DCR تیرها (برای لنگر خمشی)

Story	Beam	Load Case/Combo	Station	M3	Mn	DCR
			cm	tonf-cm	tonf-cm	M3/Mn
Story1	B1	Push Max	10	1293.151	177.36	7.291108
Story1	B1	Push Max	34	1177.267	177.36	6.637726
Story1	B1	Push Max	34	1177.266	177.36	6.63772
Story1	B1	Push Max	82	948.892	177.36	5.35009
Story1	B1	Push Max	130	712.374	177.36	4.016543
Story1	B1	Push Max	178	467.712	177.36	2.637077
Story1	B1	Push Max	226	214.905	177.36	1.211688
Story1	B1	Push Max	274	47.008	177.36	0.265043
Story1	B1	Push Max	322	281.767	177.36	1.588673
Story1	B1	Push Max	370	512.541	177.36	2.889834
Story1	B1	Push Max	418	739.329	177.36	4.168522
Story1	B1	Push Max	466	962.132	177.36	5.424741
Story1	B1	Push Max	466	962.132	177.36	5.424741
Story1	B1	Push Max	490	1072.039	177.36	6.044424
Story1	B1	Push Min	10	-1320.158	177.36	7.443381
Story1	B1	Push Min	34	-1186.569	177.36	6.690173
Story1	B1	Push Min	34	-1186.568	177.36	6.690167
Story1	B1	Push Min	82	-931.882	177.36	5.254184
Story1	B1	Push Min	130	-681.181	177.36	3.840669
Story1	B1	Push Min	178	-434.466	177.36	2.449628
Story1	B1	Push Min	226	-191.736	177.36	1.081055
Story1	B1	Push Min	274	-46.046	177.36	0.259619
Story1	B1	Push Min	322	-315.14	177.36	1.776838
Story1	B1	Push Min	370	-592.379	177.36	3.339981
Story1	B1	Push Min	418	-877.762	177.36	4.949041
Story1	B1	Push Min	466	-1171.289	177.36	6.60402
Story1	B1	Push Min	466	-1171.29	177.36	6.604026
Story1	B1	Push Min	490	-1321.107	177.36	7.448731
Story1	B2	Push Max	10	827.841	177.36	4.667574
Story1	B2	Push Max	34	785.402	177.36	4.428293
Story1	B2	Push Max	34	785.402	177.36	4.428293
Story1	B2	Push Max	82	681.797	177.36	3.844142
Story1	B2	Push Max	130	631.425	177.36	3.560132
Story1	B2	Push Max	178	554.925	177.36	3.128806
Story1	B2	Push Max	226	415.88	177.36	2.344835
Story1	B2	Push Max	274	437.284	177.36	2.465516
Story1	B2	Push Max	322	582.596	177.36	3.284822
Story1	B2	Push Max	370	665.363	177.36	3.751483

Story1	B2	Push Max	418	708.745	177.36	3.996081
Story1	B2	Push Max	466	814.828	177.36	4.594204
Story1	B2	Push Max	466	814.829	177.36	4.59421
Story1	B2	Push Max	490	858.507	177.36	4.840477
Story1	B2	Push Min	10	-1479.947	177.36	8.344311
Story1	B2	Push Min	34	-1227.471	177.36	6.920788
Story1	B2	Push Min	34	-1227.471	177.36	6.920788
Story1	B2	Push Min	82	-769.427	177.36	4.338222
Story1	B2	Push Min	130	-452.132	177.36	2.549233
Story1	B2	Push Min	178	-196.227	177.36	1.106377
Story1	B2	Push Min	226	34.708	177.36	0.195692
Story1	B2	Push Min	274	17.677	177.36	0.099667
Story1	B2	Push Min	322	-210.778	177.36	1.188419
Story1	B2	Push Min	370	-464.204	177.36	2.617298
Story1	B2	Push Min	418	-765.763	177.36	4.317563
Story1	B2	Push Min	466	-1217.539	177.36	6.864789
Story1	B2	Push Min	466	-1217.539	177.36	6.864789
Story1	B2	Push Min	490	-1466.882	177.36	8.270647
Story1	B3	Push Max	10	973.699	177.36	5.489958
Story1	B3	Push Max	34	880.906	177.36	4.966768
Story1	B3	Push Max	34	880.906	177.36	4.966768
Story1	B3	Push Max	82	692.331	177.36	3.903535
Story1	B3	Push Max	130	499.772	177.36	2.817839
Story1	B3	Push Max	178	303.226	177.36	1.709664
Story1	B3	Push Max	226	102.696	177.36	0.579026
Story1	B3	Push Max	274	84.639	177.36	0.477216
Story1	B3	Push Max	322	285.589	177.36	1.610222
Story1	B3	Push Max	370	482.554	177.36	2.72076
Story1	B3	Push Max	418	675.534	177.36	3.808829
Story1	B3	Push Max	466	864.528	177.36	4.874425
Story1	B3	Push Max	466	864.528	177.36	4.874425
Story1	B3	Push Max	490	957.531	177.36	5.398799
Story1	B3	Push Min	10	-1168.264	177.36	6.586964
Story1	B3	Push Min	34	-1046.247	177.36	5.899002
Story1	B3	Push Min	34	-1046.247	177.36	5.899002
Story1	B3	Push Min	82	-808.32	177.36	4.55751
Story1	B3	Push Min	130	-578.537	177.36	3.261936
Story1	B3	Push Min	178	-356.899	177.36	2.012286
Story1	B3	Push Min	226	-143.405	177.36	0.808553
Story1	B3	Push Min	274	-124.514	177.36	0.702041
Story1	B3	Push Min	322	-336.76	177.36	1.898737
Story1	B3	Push Min	370	-557.15	177.36	3.141351
Story1	B3	Push Min	418	-785.684	177.36	4.429883

Story1	B3	Push Min	466	-1022.362	177.36	5.764332
Story1	B3	Push Min	466	-1022.363	177.36	5.764338
Story1	B3	Push Min	490	-1143.756	177.36	6.448782
Story1	B4	Push Max	10	959.475	177.36	5.40976
Story1	B4	Push Max	34	897.53	177.36	5.060498
Story1	B4	Push Max	34	897.53	177.36	5.060498
Story1	B4	Push Max	82	754.914	177.36	4.256394
Story1	B4	Push Max	130	669.709	177.36	3.775987
Story1	B4	Push Max	178	555.789	177.36	3.133677
Story1	B4	Push Max	226	379.322	177.36	2.138712
Story1	B4	Push Max	274	542.8	177.36	3.060442
Story1	B4	Push Max	322	731.479	177.36	4.124261
Story1	B4	Push Max	370	857.612	177.36	4.835431
Story1	B4	Push Max	418	930.639	177.36	5.247175
Story1	B4	Push Max	466	1078.498	177.36	6.080841
Story1	B4	Push Max	466	1078.499	177.36	6.080847
Story1	B4	Push Max	490	1143.065	177.36	6.444886
Story1	B4	Push Min	10	-1612.947	177.36	9.094198
Story1	B4	Push Min	34	-1338.788	177.36	7.548421
Story1	B4	Push Min	34	-1338.787	177.36	7.548416
Story1	B4	Push Min	82	-837.377	177.36	4.721341
Story1	B4	Push Min	130	-480.895	177.36	2.711406
Story1	B4	Push Min	178	-183.214	177.36	1.033006
Story1	B4	Push Min	226	89.497	177.36	0.504606
Story1	B4	Push Min	274	-65.253	177.36	0.367913
Story1	B4	Push Min	322	-332.72	177.36	1.875959
Story1	B4	Push Min	370	-625.158	177.36	3.524797
Story1	B4	Push Min	418	-952.006	177.36	5.367648
Story1	B4	Push Min	466	-1441.203	177.36	8.125863
Story1	B4	Push Min	466	-1441.203	177.36	8.125863
Story1	B4	Push Min	490	-1709.256	177.36	9.637212
Story1	B5	Push Max	10	1116.513	177.36	6.295179
Story1	B5	Push Max	34	1047.268	177.36	5.904759
Story1	B5	Push Max	34	1047.267	177.36	5.904753
Story1	B5	Push Max	82	892.672	177.36	5.033108
Story1	B5	Push Max	130	805.014	177.36	4.53887
Story1	B5	Push Max	178	665.292	177.36	3.751083
Story1	B5	Push Max	226	470.17	177.36	2.650936
Story1	B5	Push Max	274	303.149	177.36	1.70923
Story1	B5	Push Max	322	465.473	177.36	2.624453
Story1	B5	Push Max	370	572.398	177.36	3.227323
Story1	B5	Push Max	418	697.501	177.36	3.932685
Story1	B5	Push Max	466	839.368	177.36	4.732567

Story1	B5	Push Max	466	839.369	177.36	4.732572
Story1	B5	Push Max	490	902.25	177.36	5.087111
Story1	B5	Push Min	10	-1579.892	177.36	8.907826
Story1	B5	Push Min	34	-1339.458	177.36	7.552199
Story1	B5	Push Min	34	-1339.457	177.36	7.552193
Story1	B5	Push Min	82	-900.138	177.36	5.075203
Story1	B5	Push Min	130	-604.627	177.36	3.409038
Story1	B5	Push Min	178	-333.924	177.36	1.882747
Story1	B5	Push Min	226	-84.693	177.36	0.47752
Story1	B5	Push Min	274	59.565	177.36	0.335842
Story1	B5	Push Min	322	-202.394	177.36	1.141148
Story1	B5	Push Min	370	-485.825	177.36	2.739203
Story1	B5	Push Min	418	-864.307	177.36	4.873179
Story1	B5	Push Min	466	-1336.425	177.36	7.535098
Story1	B5	Push Min	466	-1336.426	177.36	7.535104
Story1	B5	Push Min	490	-1593.258	177.36	8.983187
Story1	B6	Push Max	10	786.74	177.36	4.435837
Story1	B6	Push Max	34	740.504	177.36	4.175147
Story1	B6	Push Max	34	740.504	177.36	4.175147
Story1	B6	Push Max	82	631.929	177.36	3.562974
Story1	B6	Push Max	130	536.583	177.36	3.025389
Story1	B6	Push Max	178	454.509	177.36	2.562635
Story1	B6	Push Max	226	317.035	177.36	1.787523
Story1	B6	Push Max	274	337.169	177.36	1.901043
Story1	B6	Push Max	322	479.848	177.36	2.705503
Story1	B6	Push Max	370	567.127	177.36	3.197604
Story1	B6	Push Max	418	656.522	177.36	3.701635
Story1	B6	Push Max	466	767.115	177.36	4.325186
Story1	B6	Push Max	466	767.115	177.36	4.325186
Story1	B6	Push Max	490	814.36	177.36	4.591565
Story1	B6	Push Min	10	-1437.821	177.36	8.106794
Story1	B6	Push Min	34	-1207.21	177.36	6.806552
Story1	B6	Push Min	34	-1207.21	177.36	6.806552
Story1	B6	Push Min	82	-787.535	177.36	4.440319
Story1	B6	Push Min	130	-457.962	177.36	2.582104
Story1	B6	Push Min	178	-218.533	177.36	1.232144
Story1	B6	Push Min	226	-0.576	177.36	0.003248
Story1	B6	Push Min	274	-17.099	177.36	0.096408
Story1	B6	Push Min	322	-233.038	177.36	1.313926
Story1	B6	Push Min	370	-470.449	177.36	2.652509
Story1	B6	Push Min	418	-786.849	177.36	4.436451
Story1	B6	Push Min	466	-1201.318	177.36	6.773331
Story1	B6	Push Min	466	-1201.319	177.36	6.773337

Story1	B6	Push Min	490	-1429.327	177.36	8.058903
Story1	B7	Push Max	10	811.873	177.36	4.577543
Story1	B7	Push Max	34	764.874	177.36	4.312551
Story1	B7	Push Max	34	764.873	177.36	4.312545
Story1	B7	Push Max	82	654.772	177.36	3.691768
Story1	B7	Push Max	130	563.866	177.36	3.179217
Story1	B7	Push Max	178	477.861	177.36	2.6943
Story1	B7	Push Max	226	336.458	177.36	1.897034
Story1	B7	Push Max	274	317.597	177.36	1.790691
Story1	B7	Push Max	322	456.345	177.36	2.572987
Story1	B7	Push Max	370	539.693	177.36	3.042924
Story1	B7	Push Max	418	633.619	177.36	3.572502
Story1	B7	Push Max	466	742.686	177.36	4.187449
Story1	B7	Push Max	466	742.686	177.36	4.187449
Story1	B7	Push Max	490	789.168	177.36	4.449526
Story1	B7	Push Min	10	-1435.772	177.36	8.095241
Story1	B7	Push Min	34	-1207.127	177.36	6.806084
Story1	B7	Push Min	34	-1207.127	177.36	6.806084
Story1	B7	Push Min	82	-791.383	177.36	4.462015
Story1	B7	Push Min	130	-471.707	177.36	2.659602
Story1	B7	Push Min	178	-233.804	177.36	1.318245
Story1	B7	Push Min	226	-17.374	177.36	0.097959
Story1	B7	Push Min	274	-0.359	177.36	0.002024
Story1	B7	Push Min	322	-217.824	177.36	1.228146
Story1	B7	Push Min	370	-456.762	177.36	2.575338
Story1	B7	Push Min	418	-783.15	177.36	4.415595
Story1	B7	Push Min	466	-1201.549	177.36	6.774634
Story1	B7	Push Min	466	-1201.55	177.36	6.774639
Story1	B7	Push Min	490	-1431.523	177.36	8.071284
Story1	B8	Push Max	10	899.48	177.36	5.071493
Story1	B8	Push Max	34	836.895	177.36	4.718623
Story1	B8	Push Max	34	836.894	177.36	4.718618
Story1	B8	Push Max	82	695.62	177.36	3.922079
Story1	B8	Push Max	130	569.055	177.36	3.208474
Story1	B8	Push Max	178	463.668	177.36	2.614276
Story1	B8	Push Max	226	302.882	177.36	1.707724
Story1	B8	Push Max	274	471.448	177.36	2.658142
Story1	B8	Push Max	322	668.11	177.36	3.766971
Story1	B8	Push Max	370	809.373	177.36	4.563447
Story1	B8	Push Max	418	895.237	177.36	5.04757
Story1	B8	Push Max	466	1050.142	177.36	5.920963
Story1	B8	Push Max	466	1050.144	177.36	5.920974
Story1	B8	Push Max	490	1119.687	177.36	6.313075

Story1	B8	Push Min	10	-1600.454	177.36	9.02376
Story1	B8	Push Min	34	-1342.851	177.36	7.571329
Story1	B8	Push Min	34	-1342.85	177.36	7.571324
Story1	B8	Push Min	82	-869.192	177.36	4.900722
Story1	B8	Push Min	130	-487.116	177.36	2.746482
Story1	B8	Push Min	178	-203.089	177.36	1.145067
Story1	B8	Push Min	226	59.465	177.36	0.335279
Story1	B8	Push Min	274	-84.206	177.36	0.474774
Story1	B8	Push Min	322	-332.844	177.36	1.876658
Story1	B8	Push Min	370	-602.955	177.36	3.399611
Story1	B8	Push Min	418	-894.539	177.36	5.043634
Story1	B8	Push Min	466	-1332.036	177.36	7.510352
Story1	B8	Push Min	466	-1332.037	177.36	7.510357
Story1	B8	Push Min	490	-1571.702	177.36	8.861649
Story1	B9	Push Max	10	1059.618	177.36	5.974391
Story1	B9	Push Max	34	995.718	177.36	5.614107
Story1	B9	Push Max	34	995.717	177.36	5.614101
Story1	B9	Push Max	82	851.812	177.36	4.802729
Story1	B9	Push Max	130	776.19	177.36	4.376353
Story1	B9	Push Max	178	646.681	177.36	3.646149
Story1	B9	Push Max	226	461.773	177.36	2.603592
Story1	B9	Push Max	274	301.057	177.36	1.697435
Story1	B9	Push Max	322	451.617	177.36	2.546329
Story1	B9	Push Max	370	546.777	177.36	3.082865
Story1	B9	Push Max	418	661.631	177.36	3.730441
Story1	B9	Push Max	466	792.209	177.36	4.466672
Story1	B9	Push Max	466	792.21	177.36	4.466678
Story1	B9	Push Max	490	849.448	177.36	4.7894
Story1	B9	Push Min	10	-1517.28	177.36	8.554804
Story1	B9	Push Min	34	-1282.729	177.36	7.232347
Story1	B9	Push Min	34	-1282.728	177.36	7.232341
Story1	B9	Push Min	82	-855.172	177.36	4.821673
Story1	B9	Push Min	130	-572.771	177.36	3.229426
Story1	B9	Push Min	178	-313.356	177.36	1.766779
Story1	B9	Push Min	226	-75.413	177.36	0.425197
Story1	B9	Push Min	274	61.466	177.36	0.346561
Story1	B9	Push Min	322	-189.803	177.36	1.070157
Story1	B9	Push Min	370	-462.544	177.36	2.607939
Story1	B9	Push Min	418	-831.85	177.36	4.690178
Story1	B9	Push Min	466	-1293.754	177.36	7.294508
Story1	B9	Push Min	466	-1293.755	177.36	7.294514
Story1	B9	Push Min	490	-1545.48	177.36	8.713802
Story1	B10	Push Max	10	742.501	177.36	4.186406

Story1	B10	Push Max	34	700.729	177.36	3.950885
Story1	B10	Push Max	34	700.728	177.36	3.95088
Story1	B10	Push Max	82	601.081	177.36	3.389045
Story1	B10	Push Max	130	515.615	177.36	2.907166
Story1	B10	Push Max	178	442.077	177.36	2.492541
Story1	B10	Push Max	226	313.141	177.36	1.765567
Story1	B10	Push Max	274	331.813	177.36	1.870845
Story1	B10	Push Max	322	464.682	177.36	2.619993
Story1	B10	Push Max	370	542.152	177.36	3.056788
Story1	B10	Push Max	418	623.13	177.36	3.513363
Story1	B10	Push Max	466	724.305	177.36	4.083813
Story1	B10	Push Max	466	724.305	177.36	4.083813
Story1	B10	Push Max	490	766.841	177.36	4.323641
Story1	B10	Push Min	10	-1389.229	177.36	7.83282
Story1	B10	Push Min	34	-1163.523	177.36	6.560233
Story1	B10	Push Min	34	-1163.522	177.36	6.560228
Story1	B10	Push Min	82	-753.657	177.36	4.249306
Story1	B10	Push Min	130	-434.845	177.36	2.451765
Story1	B10	Push Min	178	-204.834	177.36	1.154905
Story1	B10	Push Min	226	3.705	177.36	0.02089
Story1	B10	Push Min	274	-12.237	177.36	0.068995
Story1	B10	Push Min	322	-219.249	177.36	1.236181
Story1	B10	Push Min	370	-447.733	177.36	2.524431
Story1	B10	Push Min	418	-756.597	177.36	4.265883
Story1	B10	Push Min	466	-1162.529	177.36	6.554629
Story1	B10	Push Min	466	-1162.53	177.36	6.554635
Story1	B10	Push Min	490	-1386.269	177.36	7.816131
Story1	B11	Push Max	10	766.841	177.36	4.323641
Story1	B11	Push Max	34	724.305	177.36	4.083813
Story1	B11	Push Max	34	724.305	177.36	4.083813
Story1	B11	Push Max	82	623.13	177.36	3.513363
Story1	B11	Push Max	130	542.152	177.36	3.056788
Story1	B11	Push Max	178	464.682	177.36	2.619993
Story1	B11	Push Max	226	331.813	177.36	1.870845
Story1	B11	Push Max	274	313.141	177.36	1.765567
Story1	B11	Push Max	322	442.077	177.36	2.492541
Story1	B11	Push Max	370	515.615	177.36	2.907166
Story1	B11	Push Max	418	601.081	177.36	3.389045
Story1	B11	Push Max	466	700.728	177.36	3.95088
Story1	B11	Push Max	466	700.729	177.36	3.950885
Story1	B11	Push Max	490	742.501	177.36	4.186406
Story1	B11	Push Min	10	-1386.269	177.36	7.816131
Story1	B11	Push Min	34	-1162.53	177.36	6.554635

Story1	B11	Push Min	34	-1162.529	177.36	6.554629
Story1	B11	Push Min	82	-756.597	177.36	4.265883
Story1	B11	Push Min	130	-447.733	177.36	2.524431
Story1	B11	Push Min	178	-219.249	177.36	1.236181
Story1	B11	Push Min	226	-12.237	177.36	0.068995
Story1	B11	Push Min	274	3.705	177.36	0.02089
Story1	B11	Push Min	322	-204.834	177.36	1.154905
Story1	B11	Push Min	370	-434.845	177.36	2.451765
Story1	B11	Push Min	418	-753.657	177.36	4.249306
Story1	B11	Push Min	466	-1163.522	177.36	6.560228
Story1	B11	Push Min	466	-1163.523	177.36	6.560233
Story1	B11	Push Min	490	-1389.229	177.36	7.83282
Story1	B12	Push Max	10	849.448	177.36	4.7894
Story1	B12	Push Max	34	792.21	177.36	4.466678
Story1	B12	Push Max	34	792.209	177.36	4.466672
Story1	B12	Push Max	82	661.631	177.36	3.730441
Story1	B12	Push Max	130	546.777	177.36	3.082865
Story1	B12	Push Max	178	451.617	177.36	2.546329
Story1	B12	Push Max	226	301.057	177.36	1.697435
Story1	B12	Push Max	274	461.773	177.36	2.603592
Story1	B12	Push Max	322	646.681	177.36	3.646149
Story1	B12	Push Max	370	776.19	177.36	4.376353
Story1	B12	Push Max	418	851.812	177.36	4.802729
Story1	B12	Push Max	466	995.717	177.36	5.614101
Story1	B12	Push Max	466	995.718	177.36	5.614107
Story1	B12	Push Max	490	1059.618	177.36	5.974391
Story1	B12	Push Min	10	-1545.48	177.36	8.713802
Story1	B12	Push Min	34	-1293.755	177.36	7.294514
Story1	B12	Push Min	34	-1293.754	177.36	7.294508
Story1	B12	Push Min	82	-831.85	177.36	4.690178
Story1	B12	Push Min	130	-462.544	177.36	2.607939
Story1	B12	Push Min	178	-189.803	177.36	1.070157
Story1	B12	Push Min	226	61.466	177.36	0.346561
Story1	B12	Push Min	274	-75.413	177.36	0.425197
Story1	B12	Push Min	322	-313.356	177.36	1.766779
Story1	B12	Push Min	370	-572.771	177.36	3.229426
Story1	B12	Push Min	418	-855.172	177.36	4.821673
Story1	B12	Push Min	466	-1282.728	177.36	7.232341
Story1	B12	Push Min	466	-1282.729	177.36	7.232347
Story1	B12	Push Min	490	-1517.28	177.36	8.554804
Story1	B13	Push Max	10	1119.687	177.36	6.313075
Story1	B13	Push Max	34	1050.144	177.36	5.920974
Story1	B13	Push Max	34	1050.142	177.36	5.920963

Story1	B13	Push Max	82	895.237	177.36	5.04757
Story1	B13	Push Max	130	809.373	177.36	4.563447
Story1	B13	Push Max	178	668.11	177.36	3.766971
Story1	B13	Push Max	226	471.448	177.36	2.658142
Story1	B13	Push Max	274	302.882	177.36	1.707724
Story1	B13	Push Max	322	463.668	177.36	2.614276
Story1	B13	Push Max	370	569.055	177.36	3.208474
Story1	B13	Push Max	418	695.62	177.36	3.922079
Story1	B13	Push Max	466	836.894	177.36	4.718618
Story1	B13	Push Max	466	836.895	177.36	4.718623
Story1	B13	Push Max	490	899.48	177.36	5.071493
Story1	B13	Push Min	10	-1571.702	177.36	8.861649
Story1	B13	Push Min	34	-1332.037	177.36	7.510357
Story1	B13	Push Min	34	-1332.036	177.36	7.510352
Story1	B13	Push Min	82	-894.539	177.36	5.043634
Story1	B13	Push Min	130	-602.955	177.36	3.399611
Story1	B13	Push Min	178	-332.844	177.36	1.876658
Story1	B13	Push Min	226	-84.206	177.36	0.474774
Story1	B13	Push Min	274	59.465	177.36	0.335279
Story1	B13	Push Min	322	-203.089	177.36	1.145067
Story1	B13	Push Min	370	-487.116	177.36	2.746482
Story1	B13	Push Min	418	-869.192	177.36	4.900722
Story1	B13	Push Min	466	-1342.85	177.36	7.571324
Story1	B13	Push Min	466	-1342.851	177.36	7.571329
Story1	B13	Push Min	490	-1600.454	177.36	9.02376
Story1	B14	Push Max	10	789.168	177.36	4.449526
Story1	B14	Push Max	34	742.686	177.36	4.187449
Story1	B14	Push Max	34	742.686	177.36	4.187449
Story1	B14	Push Max	82	633.619	177.36	3.572502
Story1	B14	Push Max	130	539.693	177.36	3.042924
Story1	B14	Push Max	178	456.345	177.36	2.572987
Story1	B14	Push Max	226	317.597	177.36	1.790691
Story1	B14	Push Max	274	336.458	177.36	1.897034
Story1	B14	Push Max	322	477.861	177.36	2.6943
Story1	B14	Push Max	370	563.866	177.36	3.179217
Story1	B14	Push Max	418	654.772	177.36	3.691768
Story1	B14	Push Max	466	764.873	177.36	4.312545
Story1	B14	Push Max	466	764.874	177.36	4.312551
Story1	B14	Push Max	490	811.873	177.36	4.577543
Story1	B14	Push Min	10	-1431.523	177.36	8.071284
Story1	B14	Push Min	34	-1201.55	177.36	6.774639
Story1	B14	Push Min	34	-1201.549	177.36	6.774634
Story1	B14	Push Min	82	-783.15	177.36	4.415595

Story1	B14	Push Min	130	-456.762	177.36	2.575338
Story1	B14	Push Min	178	-217.824	177.36	1.228146
Story1	B14	Push Min	226	-0.359	177.36	0.002024
Story1	B14	Push Min	274	-17.374	177.36	0.097959
Story1	B14	Push Min	322	-233.804	177.36	1.318245
Story1	B14	Push Min	370	-471.707	177.36	2.659602
Story1	B14	Push Min	418	-791.383	177.36	4.462015
Story1	B14	Push Min	466	-1207.127	177.36	6.806084
Story1	B14	Push Min	466	-1207.127	177.36	6.806084
Story1	B14	Push Min	490	-1435.772	177.36	8.095241
Story1	B15	Push Max	10	814.36	177.36	4.591565
Story1	B15	Push Max	34	767.115	177.36	4.325186
Story1	B15	Push Max	34	767.115	177.36	4.325186
Story1	B15	Push Max	82	656.522	177.36	3.701635
Story1	B15	Push Max	130	567.127	177.36	3.197604
Story1	B15	Push Max	178	479.848	177.36	2.705503
Story1	B15	Push Max	226	337.169	177.36	1.901043
Story1	B15	Push Max	274	317.035	177.36	1.787523
Story1	B15	Push Max	322	454.509	177.36	2.562635
Story1	B15	Push Max	370	536.583	177.36	3.025389
Story1	B15	Push Max	418	631.929	177.36	3.562974
Story1	B15	Push Max	466	740.504	177.36	4.175147
Story1	B15	Push Max	466	740.504	177.36	4.175147
Story1	B15	Push Max	490	786.74	177.36	4.435837
Story1	B15	Push Min	10	-1429.327	177.36	8.058903
Story1	B15	Push Min	34	-1201.319	177.36	6.773337
Story1	B15	Push Min	34	-1201.318	177.36	6.773331
Story1	B15	Push Min	82	-786.849	177.36	4.436451
Story1	B15	Push Min	130	-470.449	177.36	2.652509
Story1	B15	Push Min	178	-233.038	177.36	1.313926
Story1	B15	Push Min	226	-17.099	177.36	0.096408
Story1	B15	Push Min	274	-0.576	177.36	0.003248
Story1	B15	Push Min	322	-218.533	177.36	1.232144
Story1	B15	Push Min	370	-457.962	177.36	2.582104
Story1	B15	Push Min	418	-787.535	177.36	4.440319
Story1	B15	Push Min	466	-1207.21	177.36	6.806552
Story1	B15	Push Min	466	-1207.21	177.36	6.806552
Story1	B15	Push Min	490	-1437.821	177.36	8.106794
Story1	B16	Push Max	10	902.25	177.36	5.087111
Story1	B16	Push Max	34	839.369	177.36	4.732572
Story1	B16	Push Max	34	839.368	177.36	4.732567
Story1	B16	Push Max	82	697.501	177.36	3.932685
Story1	B16	Push Max	130	572.398	177.36	3.227323

Story1	B16	Push Max	178	465.473	177.36	2.624453
Story1	B16	Push Max	226	303.149	177.36	1.70923
Story1	B16	Push Max	274	470.17	177.36	2.650936
Story1	B16	Push Max	322	665.292	177.36	3.751083
Story1	B16	Push Max	370	805.014	177.36	4.53887
Story1	B16	Push Max	418	892.672	177.36	5.033108
Story1	B16	Push Max	466	1047.267	177.36	5.904753
Story1	B16	Push Max	466	1047.268	177.36	5.904759
Story1	B16	Push Max	490	1116.513	177.36	6.295179
Story1	B16	Push Min	10	-1593.258	177.36	8.983187
Story1	B16	Push Min	34	-1336.426	177.36	7.535104
Story1	B16	Push Min	34	-1336.425	177.36	7.535098
Story1	B16	Push Min	82	-864.307	177.36	4.873179
Story1	B16	Push Min	130	-485.825	177.36	2.739203
Story1	B16	Push Min	178	-202.394	177.36	1.141148
Story1	B16	Push Min	226	59.565	177.36	0.335842
Story1	B16	Push Min	274	-84.693	177.36	0.47752
Story1	B16	Push Min	322	-333.924	177.36	1.882747
Story1	B16	Push Min	370	-604.627	177.36	3.409038
Story1	B16	Push Min	418	-900.138	177.36	5.075203
Story1	B16	Push Min	466	-1339.457	177.36	7.552193
Story1	B16	Push Min	466	-1339.458	177.36	7.552199
Story1	B16	Push Min	490	-1579.892	177.36	8.907826
Story1	B17	Push Max	10	1143.065	177.36	6.444886
Story1	B17	Push Max	34	1078.499	177.36	6.080847
Story1	B17	Push Max	34	1078.498	177.36	6.080841
Story1	B17	Push Max	82	930.639	177.36	5.247175
Story1	B17	Push Max	130	857.612	177.36	4.835431
Story1	B17	Push Max	178	731.479	177.36	4.124261
Story1	B17	Push Max	226	542.8	177.36	3.060442
Story1	B17	Push Max	274	379.322	177.36	2.138712
Story1	B17	Push Max	322	555.789	177.36	3.133677
Story1	B17	Push Max	370	669.709	177.36	3.775987
Story1	B17	Push Max	418	754.914	177.36	4.256394
Story1	B17	Push Max	466	897.53	177.36	5.060498
Story1	B17	Push Max	466	897.53	177.36	5.060498
Story1	B17	Push Max	490	959.475	177.36	5.40976
Story1	B17	Push Min	10	-1709.256	177.36	9.637212
Story1	B17	Push Min	34	-1441.203	177.36	8.125863
Story1	B17	Push Min	34	-1441.203	177.36	8.125863
Story1	B17	Push Min	82	-952.006	177.36	5.367648
Story1	B17	Push Min	130	-625.158	177.36	3.524797
Story1	B17	Push Min	178	-332.72	177.36	1.875959

Story1	B17	Push Min	226	-65.253	177.36	0.367913
Story1	B17	Push Min	274	89.497	177.36	0.504606
Story1	B17	Push Min	322	-183.214	177.36	1.033006
Story1	B17	Push Min	370	-480.895	177.36	2.711406
Story1	B17	Push Min	418	-837.377	177.36	4.721341
Story1	B17	Push Min	466	-1338.787	177.36	7.548416
Story1	B17	Push Min	466	-1338.788	177.36	7.548421
Story1	B17	Push Min	490	-1612.947	177.36	9.094198
Story1	B18	Push Max	10	957.531	177.36	5.398799
Story1	B18	Push Max	34	864.528	177.36	4.874425
Story1	B18	Push Max	34	864.528	177.36	4.874425
Story1	B18	Push Max	82	675.534	177.36	3.808829
Story1	B18	Push Max	130	482.554	177.36	2.72076
Story1	B18	Push Max	178	285.589	177.36	1.610222
Story1	B18	Push Max	226	84.639	177.36	0.477216
Story1	B18	Push Max	274	102.696	177.36	0.579026
Story1	B18	Push Max	322	303.226	177.36	1.709664
Story1	B18	Push Max	370	499.772	177.36	2.817839
Story1	B18	Push Max	418	692.331	177.36	3.903535
Story1	B18	Push Max	466	880.906	177.36	4.966768
Story1	B18	Push Max	466	880.906	177.36	4.966768
Story1	B18	Push Max	490	973.699	177.36	5.489958
Story1	B18	Push Min	10	-1143.756	177.36	6.448782
Story1	B18	Push Min	34	-1022.363	177.36	5.764338
Story1	B18	Push Min	34	-1022.362	177.36	5.764332
Story1	B18	Push Min	82	-785.684	177.36	4.429883
Story1	B18	Push Min	130	-557.15	177.36	3.141351
Story1	B18	Push Min	178	-336.76	177.36	1.898737
Story1	B18	Push Min	226	-124.514	177.36	0.702041
Story1	B18	Push Min	274	-143.405	177.36	0.808553
Story1	B18	Push Min	322	-356.899	177.36	2.012286
Story1	B18	Push Min	370	-578.537	177.36	3.261936
Story1	B18	Push Min	418	-808.32	177.36	4.55751
Story1	B18	Push Min	466	-1046.247	177.36	5.899002
Story1	B18	Push Min	466	-1046.247	177.36	5.899002
Story1	B18	Push Min	490	-1168.264	177.36	6.586964
Story1	B19	Push Max	10	858.507	177.36	4.840477
Story1	B19	Push Max	34	814.829	177.36	4.59421
Story1	B19	Push Max	34	814.828	177.36	4.594204
Story1	B19	Push Max	82	708.745	177.36	3.996081
Story1	B19	Push Max	130	665.363	177.36	3.751483
Story1	B19	Push Max	178	582.596	177.36	3.284822
Story1	B19	Push Max	226	437.284	177.36	2.465516

Story1	B19	Push Max	274	415.88	177.36	2.344835
Story1	B19	Push Max	322	554.925	177.36	3.128806
Story1	B19	Push Max	370	631.425	177.36	3.560132
Story1	B19	Push Max	418	681.797	177.36	3.844142
Story1	B19	Push Max	466	785.402	177.36	4.428293
Story1	B19	Push Max	466	785.402	177.36	4.428293
Story1	B19	Push Max	490	827.841	177.36	4.667574
Story1	B19	Push Min	10	-1466.882	177.36	8.270647
Story1	B19	Push Min	34	-1217.539	177.36	6.864789
Story1	B19	Push Min	34	-1217.539	177.36	6.864789
Story1	B19	Push Min	82	-765.763	177.36	4.317563
Story1	B19	Push Min	130	-464.204	177.36	2.617298
Story1	B19	Push Min	178	-210.778	177.36	1.188419
Story1	B19	Push Min	226	17.677	177.36	0.099667
Story1	B19	Push Min	274	34.708	177.36	0.195692
Story1	B19	Push Min	322	-196.227	177.36	1.106377
Story1	B19	Push Min	370	-452.132	177.36	2.549233
Story1	B19	Push Min	418	-769.427	177.36	4.338222
Story1	B19	Push Min	466	-1227.471	177.36	6.920788
Story1	B19	Push Min	466	-1227.471	177.36	6.920788
Story1	B19	Push Min	490	-1479.947	177.36	8.344311
Story1	B20	Push Max	10	1072.039	177.36	6.044424
Story1	B20	Push Max	34	962.132	177.36	5.424741
Story1	B20	Push Max	34	962.132	177.36	5.424741
Story1	B20	Push Max	82	739.329	177.36	4.168522
Story1	B20	Push Max	130	512.541	177.36	2.889834
Story1	B20	Push Max	178	281.767	177.36	1.588673
Story1	B20	Push Max	226	47.008	177.36	0.265043
Story1	B20	Push Max	274	214.905	177.36	1.211688
Story1	B20	Push Max	322	467.712	177.36	2.637077
Story1	B20	Push Max	370	712.374	177.36	4.016543
Story1	B20	Push Max	418	948.892	177.36	5.35009
Story1	B20	Push Max	466	1177.266	177.36	6.63772
Story1	B20	Push Max	466	1177.267	177.36	6.637726
Story1	B20	Push Max	490	1293.151	177.36	7.291108
Story1	B20	Push Min	10	-1321.107	177.36	7.448731
Story1	B20	Push Min	34	-1171.29	177.36	6.604026
Story1	B20	Push Min	34	-1171.289	177.36	6.60402
Story1	B20	Push Min	82	-877.762	177.36	4.949041
Story1	B20	Push Min	130	-592.379	177.36	3.339981
Story1	B20	Push Min	178	-315.14	177.36	1.776838
Story1	B20	Push Min	226	-46.046	177.36	0.259619
Story1	B20	Push Min	274	-191.736	177.36	1.081055

Story1	B20	Push Min	322	-434.466	177.36	2.449628
Story1	B20	Push Min	370	-681.181	177.36	3.840669
Story1	B20	Push Min	418	-931.882	177.36	5.254184
Story1	B20	Push Min	466	-1186.568	177.36	6.690167
Story1	B20	Push Min	466	-1186.569	177.36	6.690173
Story1	B20	Push Min	490	-1320.158	177.36	7.443381
Story1	B21	Push Max	10	1143.065	177.36	6.444886
Story1	B21	Push Max	34	1078.499	177.36	6.080847
Story1	B21	Push Max	34	1078.498	177.36	6.080841
Story1	B21	Push Max	82	930.639	177.36	5.247175
Story1	B21	Push Max	130	857.612	177.36	4.835431
Story1	B21	Push Max	178	731.479	177.36	4.124261
Story1	B21	Push Max	226	542.8	177.36	3.060442
Story1	B21	Push Max	274	379.322	177.36	2.138712
Story1	B21	Push Max	322	555.789	177.36	3.133677
Story1	B21	Push Max	370	669.709	177.36	3.775987
Story1	B21	Push Max	418	754.914	177.36	4.256394
Story1	B21	Push Max	466	897.53	177.36	5.060498
Story1	B21	Push Max	466	897.53	177.36	5.060498
Story1	B21	Push Max	490	959.475	177.36	5.40976
Story1	B21	Push Min	10	-1709.256	177.36	9.637212
Story1	B21	Push Min	34	-1441.203	177.36	8.125863
Story1	B21	Push Min	34	-1441.203	177.36	8.125863
Story1	B21	Push Min	82	-952.006	177.36	5.367648
Story1	B21	Push Min	130	-625.158	177.36	3.524797
Story1	B21	Push Min	178	-332.72	177.36	1.875959
Story1	B21	Push Min	226	-65.253	177.36	0.367913
Story1	B21	Push Min	274	89.497	177.36	0.504606
Story1	B21	Push Min	322	-183.214	177.36	1.033006
Story1	B21	Push Min	370	-480.895	177.36	2.711406
Story1	B21	Push Min	418	-837.377	177.36	4.721341
Story1	B21	Push Min	466	-1338.787	177.36	7.548416
Story1	B21	Push Min	466	-1338.788	177.36	7.548421
Story1	B21	Push Min	490	-1612.947	177.36	9.094198
Story1	B22	Push Max	10	957.531	177.36	5.398799
Story1	B22	Push Max	34	864.528	177.36	4.874425
Story1	B22	Push Max	34	864.528	177.36	4.874425
Story1	B22	Push Max	82	675.534	177.36	3.808829
Story1	B22	Push Max	130	482.554	177.36	2.72076
Story1	B22	Push Max	178	285.589	177.36	1.610222
Story1	B22	Push Max	226	84.639	177.36	0.477216
Story1	B22	Push Max	274	102.696	177.36	0.579026
Story1	B22	Push Max	322	303.226	177.36	1.709664

Story1	B22	Push Max	370	499.772	177.36	2.817839
Story1	B22	Push Max	418	692.331	177.36	3.903535
Story1	B22	Push Max	466	880.906	177.36	4.966768
Story1	B22	Push Max	466	880.906	177.36	4.966768
Story1	B22	Push Max	490	973.699	177.36	5.489958
Story1	B22	Push Min	10	-1143.756	177.36	6.448782
Story1	B22	Push Min	34	-1022.363	177.36	5.764338
Story1	B22	Push Min	34	-1022.362	177.36	5.764332
Story1	B22	Push Min	82	-785.684	177.36	4.429883
Story1	B22	Push Min	130	-557.15	177.36	3.141351
Story1	B22	Push Min	178	-336.76	177.36	1.898737
Story1	B22	Push Min	226	-124.514	177.36	0.702041
Story1	B22	Push Min	274	-143.405	177.36	0.808553
Story1	B22	Push Min	322	-356.899	177.36	2.012286
Story1	B22	Push Min	370	-578.537	177.36	3.261936
Story1	B22	Push Min	418	-808.32	177.36	4.55751
Story1	B22	Push Min	466	-1046.247	177.36	5.899002
Story1	B22	Push Min	466	-1046.247	177.36	5.899002
Story1	B22	Push Min	490	-1168.264	177.36	6.586964
Story1	B23	Push Max	10	858.507	177.36	4.840477
Story1	B23	Push Max	34	814.829	177.36	4.59421
Story1	B23	Push Max	34	814.828	177.36	4.594204
Story1	B23	Push Max	82	708.745	177.36	3.996081
Story1	B23	Push Max	130	665.363	177.36	3.751483
Story1	B23	Push Max	178	582.596	177.36	3.284822
Story1	B23	Push Max	226	437.284	177.36	2.465516
Story1	B23	Push Max	274	415.88	177.36	2.344835
Story1	B23	Push Max	322	554.925	177.36	3.128806
Story1	B23	Push Max	370	631.425	177.36	3.560132
Story1	B23	Push Max	418	681.797	177.36	3.844142
Story1	B23	Push Max	466	785.402	177.36	4.428293
Story1	B23	Push Max	466	785.402	177.36	4.428293
Story1	B23	Push Max	490	827.841	177.36	4.667574
Story1	B23	Push Min	10	-1466.882	177.36	8.270647
Story1	B23	Push Min	34	-1217.539	177.36	6.864789
Story1	B23	Push Min	34	-1217.539	177.36	6.864789
Story1	B23	Push Min	82	-765.763	177.36	4.317563
Story1	B23	Push Min	130	-464.204	177.36	2.617298
Story1	B23	Push Min	178	-210.778	177.36	1.188419
Story1	B23	Push Min	226	17.677	177.36	0.099667
Story1	B23	Push Min	274	34.708	177.36	0.195692
Story1	B23	Push Min	322	-196.227	177.36	1.106377
Story1	B23	Push Min	370	-452.132	177.36	2.549233

Story1	B23	Push Min	418	-769.427	177.36	4.338222
Story1	B23	Push Min	466	-1227.471	177.36	6.920788
Story1	B23	Push Min	466	-1227.471	177.36	6.920788
Story1	B23	Push Min	490	-1479.947	177.36	8.344311
Story1	B24	Push Max	10	1072.039	177.36	6.044424
Story1	B24	Push Max	34	962.132	177.36	5.424741
Story1	B24	Push Max	34	962.132	177.36	5.424741
Story1	B24	Push Max	82	739.329	177.36	4.168522
Story1	B24	Push Max	130	512.541	177.36	2.889834
Story1	B24	Push Max	178	281.767	177.36	1.588673
Story1	B24	Push Max	226	47.008	177.36	0.265043
Story1	B24	Push Max	274	214.905	177.36	1.211688
Story1	B24	Push Max	322	467.712	177.36	2.637077
Story1	B24	Push Max	370	712.374	177.36	4.016543
Story1	B24	Push Max	418	948.892	177.36	5.35009
Story1	B24	Push Max	466	1177.266	177.36	6.63772
Story1	B24	Push Max	466	1177.267	177.36	6.637726
Story1	B24	Push Max	490	1293.151	177.36	7.291108
Story1	B24	Push Min	10	-1321.107	177.36	7.448731
Story1	B24	Push Min	34	-1171.29	177.36	6.604026
Story1	B24	Push Min	34	-1171.289	177.36	6.60402
Story1	B24	Push Min	82	-877.762	177.36	4.949041
Story1	B24	Push Min	130	-592.379	177.36	3.339981
Story1	B24	Push Min	178	-315.14	177.36	1.776838
Story1	B24	Push Min	226	-46.046	177.36	0.259619
Story1	B24	Push Min	274	-191.736	177.36	1.081055
Story1	B24	Push Min	322	-434.466	177.36	2.449628
Story1	B24	Push Min	370	-681.181	177.36	3.840669
Story1	B24	Push Min	418	-931.882	177.36	5.254184
Story1	B24	Push Min	466	-1186.568	177.36	6.690167
Story1	B24	Push Min	466	-1186.569	177.36	6.690173
Story1	B24	Push Min	490	-1320.158	177.36	7.443381
Story1	B25	Push Max	10	1119.687	177.36	6.313075
Story1	B25	Push Max	34	1050.144	177.36	5.920974
Story1	B25	Push Max	34	1050.142	177.36	5.920963
Story1	B25	Push Max	82	895.237	177.36	5.04757
Story1	B25	Push Max	130	809.373	177.36	4.563447
Story1	B25	Push Max	178	668.11	177.36	3.766971
Story1	B25	Push Max	226	471.448	177.36	2.658142
Story1	B25	Push Max	274	302.882	177.36	1.707724
Story1	B25	Push Max	322	463.668	177.36	2.614276
Story1	B25	Push Max	370	569.055	177.36	3.208474
Story1	B25	Push Max	418	695.62	177.36	3.922079

Story1	B25	Push Max	466	836.894	177.36	4.718618
Story1	B25	Push Max	466	836.895	177.36	4.718623
Story1	B25	Push Max	490	899.48	177.36	5.071493
Story1	B25	Push Min	10	-1571.702	177.36	8.861649
Story1	B25	Push Min	34	-1332.037	177.36	7.510357
Story1	B25	Push Min	34	-1332.036	177.36	7.510352
Story1	B25	Push Min	82	-894.539	177.36	5.043634
Story1	B25	Push Min	130	-602.955	177.36	3.399611
Story1	B25	Push Min	178	-332.844	177.36	1.876658
Story1	B25	Push Min	226	-84.206	177.36	0.474774
Story1	B25	Push Min	274	59.465	177.36	0.335279
Story1	B25	Push Min	322	-203.089	177.36	1.145067
Story1	B25	Push Min	370	-487.116	177.36	2.746482
Story1	B25	Push Min	418	-869.192	177.36	4.900722
Story1	B25	Push Min	466	-1342.85	177.36	7.571324
Story1	B25	Push Min	466	-1342.851	177.36	7.571329
Story1	B25	Push Min	490	-1600.454	177.36	9.02376
Story1	B26	Push Max	10	789.168	177.36	4.449526
Story1	B26	Push Max	34	742.686	177.36	4.187449
Story1	B26	Push Max	34	742.686	177.36	4.187449
Story1	B26	Push Max	82	633.619	177.36	3.572502
Story1	B26	Push Max	130	539.693	177.36	3.042924
Story1	B26	Push Max	178	456.345	177.36	2.572987
Story1	B26	Push Max	226	317.597	177.36	1.790691
Story1	B26	Push Max	274	336.458	177.36	1.897034
Story1	B26	Push Max	322	477.861	177.36	2.6943
Story1	B26	Push Max	370	563.866	177.36	3.179217
Story1	B26	Push Max	418	654.772	177.36	3.691768
Story1	B26	Push Max	466	764.873	177.36	4.312545
Story1	B26	Push Max	466	764.874	177.36	4.312551
Story1	B26	Push Max	490	811.873	177.36	4.577543
Story1	B26	Push Min	10	-1431.523	177.36	8.071284
Story1	B26	Push Min	34	-1201.55	177.36	6.774639
Story1	B26	Push Min	34	-1201.549	177.36	6.774634
Story1	B26	Push Min	82	-783.15	177.36	4.415595
Story1	B26	Push Min	130	-456.762	177.36	2.575338
Story1	B26	Push Min	178	-217.824	177.36	1.228146
Story1	B26	Push Min	226	-0.359	177.36	0.002024
Story1	B26	Push Min	274	-17.374	177.36	0.097959
Story1	B26	Push Min	322	-233.804	177.36	1.318245
Story1	B26	Push Min	370	-471.707	177.36	2.659602
Story1	B26	Push Min	418	-791.383	177.36	4.462015
Story1	B26	Push Min	466	-1207.127	177.36	6.806084

Story1	B26	Push Min	466	-1207.127	177.36	6.806084
Story1	B26	Push Min	490	-1435.772	177.36	8.095241
Story1	B27	Push Max	10	814.36	177.36	4.591565
Story1	B27	Push Max	34	767.115	177.36	4.325186
Story1	B27	Push Max	34	767.115	177.36	4.325186
Story1	B27	Push Max	82	656.522	177.36	3.701635
Story1	B27	Push Max	130	567.127	177.36	3.197604
Story1	B27	Push Max	178	479.848	177.36	2.705503
Story1	B27	Push Max	226	337.169	177.36	1.901043
Story1	B27	Push Max	274	317.035	177.36	1.787523
Story1	B27	Push Max	322	454.509	177.36	2.562635
Story1	B27	Push Max	370	536.583	177.36	3.025389
Story1	B27	Push Max	418	631.929	177.36	3.562974
Story1	B27	Push Max	466	740.504	177.36	4.175147
Story1	B27	Push Max	466	740.504	177.36	4.175147
Story1	B27	Push Max	490	786.74	177.36	4.435837
Story1	B27	Push Min	10	-1429.327	177.36	8.058903
Story1	B27	Push Min	34	-1201.319	177.36	6.773337
Story1	B27	Push Min	34	-1201.318	177.36	6.773331
Story1	B27	Push Min	82	-786.849	177.36	4.436451
Story1	B27	Push Min	130	-470.449	177.36	2.652509
Story1	B27	Push Min	178	-233.038	177.36	1.313926
Story1	B27	Push Min	226	-17.099	177.36	0.096408
Story1	B27	Push Min	274	-0.576	177.36	0.003248
Story1	B27	Push Min	322	-218.533	177.36	1.232144
Story1	B27	Push Min	370	-457.962	177.36	2.582104
Story1	B27	Push Min	418	-787.535	177.36	4.440319
Story1	B27	Push Min	466	-1207.21	177.36	6.806552
Story1	B27	Push Min	466	-1207.21	177.36	6.806552
Story1	B27	Push Min	490	-1437.821	177.36	8.106794
Story1	B28	Push Max	10	902.25	177.36	5.087111
Story1	B28	Push Max	34	839.369	177.36	4.732572
Story1	B28	Push Max	34	839.368	177.36	4.732567
Story1	B28	Push Max	82	697.501	177.36	3.932685
Story1	B28	Push Max	130	572.398	177.36	3.227323
Story1	B28	Push Max	178	465.473	177.36	2.624453
Story1	B28	Push Max	226	303.149	177.36	1.70923
Story1	B28	Push Max	274	470.17	177.36	2.650936
Story1	B28	Push Max	322	665.292	177.36	3.751083
Story1	B28	Push Max	370	805.014	177.36	4.53887
Story1	B28	Push Max	418	892.672	177.36	5.033108
Story1	B28	Push Max	466	1047.267	177.36	5.904753
Story1	B28	Push Max	466	1047.268	177.36	5.904759

Story1	B28	Push Max	490	1116.513	177.36	6.295179
Story1	B28	Push Min	10	-1593.258	177.36	8.983187
Story1	B28	Push Min	34	-1336.426	177.36	7.535104
Story1	B28	Push Min	34	-1336.425	177.36	7.535098
Story1	B28	Push Min	82	-864.307	177.36	4.873179
Story1	B28	Push Min	130	-485.825	177.36	2.739203
Story1	B28	Push Min	178	-202.394	177.36	1.141148
Story1	B28	Push Min	226	59.565	177.36	0.335842
Story1	B28	Push Min	274	-84.693	177.36	0.47752
Story1	B28	Push Min	322	-333.924	177.36	1.882747
Story1	B28	Push Min	370	-604.627	177.36	3.409038
Story1	B28	Push Min	418	-900.138	177.36	5.075203
Story1	B28	Push Min	466	-1339.457	177.36	7.552193
Story1	B28	Push Min	466	-1339.458	177.36	7.552199
Story1	B28	Push Min	490	-1579.891	177.36	8.90782
Story1	B29	Push Max	10	1059.618	177.36	5.974391
Story1	B29	Push Max	34	995.718	177.36	5.614107
Story1	B29	Push Max	34	995.717	177.36	5.614101
Story1	B29	Push Max	82	851.812	177.36	4.802729
Story1	B29	Push Max	130	776.19	177.36	4.376353
Story1	B29	Push Max	178	646.681	177.36	3.646149
Story1	B29	Push Max	226	461.773	177.36	2.603592
Story1	B29	Push Max	274	301.057	177.36	1.697435
Story1	B29	Push Max	322	451.617	177.36	2.546329
Story1	B29	Push Max	370	546.777	177.36	3.082865
Story1	B29	Push Max	418	661.631	177.36	3.730441
Story1	B29	Push Max	466	792.209	177.36	4.466672
Story1	B29	Push Max	466	792.21	177.36	4.466678
Story1	B29	Push Max	490	849.448	177.36	4.7894
Story1	B29	Push Min	10	-1517.28	177.36	8.554804
Story1	B29	Push Min	34	-1282.729	177.36	7.232347
Story1	B29	Push Min	34	-1282.728	177.36	7.232341
Story1	B29	Push Min	82	-855.172	177.36	4.821673
Story1	B29	Push Min	130	-572.771	177.36	3.229426
Story1	B29	Push Min	178	-313.356	177.36	1.766779
Story1	B29	Push Min	226	-75.413	177.36	0.425197
Story1	B29	Push Min	274	61.466	177.36	0.346561
Story1	B29	Push Min	322	-189.803	177.36	1.070157
Story1	B29	Push Min	370	-462.544	177.36	2.607939
Story1	B29	Push Min	418	-831.85	177.36	4.690178
Story1	B29	Push Min	466	-1293.754	177.36	7.294508
Story1	B29	Push Min	466	-1293.755	177.36	7.294514
Story1	B29	Push Min	490	-1545.48	177.36	8.713802

Story1	B30	Push Max	10	742.501	177.36	4.186406
Story1	B30	Push Max	34	700.729	177.36	3.950885
Story1	B30	Push Max	34	700.728	177.36	3.95088
Story1	B30	Push Max	82	601.081	177.36	3.389045
Story1	B30	Push Max	130	515.615	177.36	2.907166
Story1	B30	Push Max	178	442.077	177.36	2.492541
Story1	B30	Push Max	226	313.141	177.36	1.765567
Story1	B30	Push Max	274	331.813	177.36	1.870845
Story1	B30	Push Max	322	464.682	177.36	2.619993
Story1	B30	Push Max	370	542.152	177.36	3.056788
Story1	B30	Push Max	418	623.13	177.36	3.513363
Story1	B30	Push Max	466	724.305	177.36	4.083813
Story1	B30	Push Max	466	724.305	177.36	4.083813
Story1	B30	Push Max	490	766.841	177.36	4.323641
Story1	B30	Push Min	10	-1389.229	177.36	7.83282
Story1	B30	Push Min	34	-1163.523	177.36	6.560233
Story1	B30	Push Min	34	-1163.522	177.36	6.560228
Story1	B30	Push Min	82	-753.657	177.36	4.249306
Story1	B30	Push Min	130	-434.845	177.36	2.451765
Story1	B30	Push Min	178	-204.834	177.36	1.154905
Story1	B30	Push Min	226	3.705	177.36	0.02089
Story1	B30	Push Min	274	-12.237	177.36	0.068995
Story1	B30	Push Min	322	-219.249	177.36	1.236181
Story1	B30	Push Min	370	-447.733	177.36	2.524431
Story1	B30	Push Min	418	-756.597	177.36	4.265883
Story1	B30	Push Min	466	-1162.529	177.36	6.554629
Story1	B30	Push Min	466	-1162.53	177.36	6.554635
Story1	B30	Push Min	490	-1386.269	177.36	7.816131
Story1	B31	Push Max	10	766.841	177.36	4.323641
Story1	B31	Push Max	34	724.305	177.36	4.083813
Story1	B31	Push Max	34	724.305	177.36	4.083813
Story1	B31	Push Max	82	623.13	177.36	3.513363
Story1	B31	Push Max	130	542.152	177.36	3.056788
Story1	B31	Push Max	178	464.682	177.36	2.619993
Story1	B31	Push Max	226	331.813	177.36	1.870845
Story1	B31	Push Max	274	313.141	177.36	1.765567
Story1	B31	Push Max	322	442.077	177.36	2.492541
Story1	B31	Push Max	370	515.615	177.36	2.907166
Story1	B31	Push Max	418	601.081	177.36	3.389045
Story1	B31	Push Max	466	700.728	177.36	3.95088
Story1	B31	Push Max	466	700.729	177.36	3.950885
Story1	B31	Push Max	490	742.501	177.36	4.186406
Story1	B31	Push Min	10	-1386.269	177.36	7.816131

Story1	B31	Push Min	34	-1162.53	177.36	6.554635
Story1	B31	Push Min	34	-1162.529	177.36	6.554629
Story1	B31	Push Min	82	-756.597	177.36	4.265883
Story1	B31	Push Min	130	-447.733	177.36	2.524431
Story1	B31	Push Min	178	-219.249	177.36	1.236181
Story1	B31	Push Min	226	-12.237	177.36	0.068995
Story1	B31	Push Min	274	3.705	177.36	0.02089
Story1	B31	Push Min	322	-204.834	177.36	1.154905
Story1	B31	Push Min	370	-434.845	177.36	2.451765
Story1	B31	Push Min	418	-753.657	177.36	4.249306
Story1	B31	Push Min	466	-1163.522	177.36	6.560228
Story1	B31	Push Min	466	-1163.523	177.36	6.560233
Story1	B31	Push Min	490	-1389.229	177.36	7.83282
Story1	B32	Push Max	10	849.448	177.36	4.7894
Story1	B32	Push Max	34	792.21	177.36	4.466678
Story1	B32	Push Max	34	792.209	177.36	4.466672
Story1	B32	Push Max	82	661.631	177.36	3.730441
Story1	B32	Push Max	130	546.777	177.36	3.082865
Story1	B32	Push Max	178	451.617	177.36	2.546329
Story1	B32	Push Max	226	301.057	177.36	1.697435
Story1	B32	Push Max	274	461.773	177.36	2.603592
Story1	B32	Push Max	322	646.681	177.36	3.646149
Story1	B32	Push Max	370	776.19	177.36	4.376353
Story1	B32	Push Max	418	851.812	177.36	4.802729
Story1	B32	Push Max	466	995.717	177.36	5.614101
Story1	B32	Push Max	466	995.718	177.36	5.614107
Story1	B32	Push Max	490	1059.618	177.36	5.974391
Story1	B32	Push Min	10	-1545.48	177.36	8.713802
Story1	B32	Push Min	34	-1293.755	177.36	7.294514
Story1	B32	Push Min	34	-1293.754	177.36	7.294508
Story1	B32	Push Min	82	-831.85	177.36	4.690178
Story1	B32	Push Min	130	-462.544	177.36	2.607939
Story1	B32	Push Min	178	-189.803	177.36	1.070157
Story1	B32	Push Min	226	61.466	177.36	0.346561
Story1	B32	Push Min	274	-75.413	177.36	0.425197
Story1	B32	Push Min	322	-313.356	177.36	1.766779
Story1	B32	Push Min	370	-572.771	177.36	3.229426
Story1	B32	Push Min	418	-855.172	177.36	4.821673
Story1	B32	Push Min	466	-1282.728	177.36	7.232341
Story1	B32	Push Min	466	-1282.729	177.36	7.232347
Story1	B32	Push Min	490	-1517.28	177.36	8.554804
Story1	B33	Push Max	10	1116.513	177.36	6.295179
Story1	B33	Push Max	34	1047.268	177.36	5.904759

Story1	B33	Push Max	34	1047.267	177.36	5.904753
Story1	B33	Push Max	82	892.672	177.36	5.033108
Story1	B33	Push Max	130	805.014	177.36	4.53887
Story1	B33	Push Max	178	665.292	177.36	3.751083
Story1	B33	Push Max	226	470.17	177.36	2.650936
Story1	B33	Push Max	274	303.149	177.36	1.70923
Story1	B33	Push Max	322	465.473	177.36	2.624453
Story1	B33	Push Max	370	572.398	177.36	3.227323
Story1	B33	Push Max	418	697.501	177.36	3.932685
Story1	B33	Push Max	466	839.368	177.36	4.732567
Story1	B33	Push Max	466	839.369	177.36	4.732572
Story1	B33	Push Max	490	902.25	177.36	5.087111
Story1	B33	Push Min	10	-1579.891	177.36	8.90782
Story1	B33	Push Min	34	-1339.458	177.36	7.552199
Story1	B33	Push Min	34	-1339.457	177.36	7.552193
Story1	B33	Push Min	82	-900.138	177.36	5.075203
Story1	B33	Push Min	130	-604.627	177.36	3.409038
Story1	B33	Push Min	178	-333.924	177.36	1.882747
Story1	B33	Push Min	226	-84.693	177.36	0.47752
Story1	B33	Push Min	274	59.565	177.36	0.335842
Story1	B33	Push Min	322	-202.394	177.36	1.141148
Story1	B33	Push Min	370	-485.825	177.36	2.739203
Story1	B33	Push Min	418	-864.307	177.36	4.873179
Story1	B33	Push Min	466	-1336.425	177.36	7.535098
Story1	B33	Push Min	466	-1336.426	177.36	7.535104
Story1	B33	Push Min	490	-1593.258	177.36	8.983187
Story1	B34	Push Max	10	786.74	177.36	4.435837
Story1	B34	Push Max	34	740.504	177.36	4.175147
Story1	B34	Push Max	34	740.504	177.36	4.175147
Story1	B34	Push Max	82	631.929	177.36	3.562974
Story1	B34	Push Max	130	536.583	177.36	3.025389
Story1	B34	Push Max	178	454.509	177.36	2.562635
Story1	B34	Push Max	226	317.035	177.36	1.787523
Story1	B34	Push Max	274	337.169	177.36	1.901043
Story1	B34	Push Max	322	479.848	177.36	2.705503
Story1	B34	Push Max	370	567.127	177.36	3.197604
Story1	B34	Push Max	418	656.522	177.36	3.701635
Story1	B34	Push Max	466	767.115	177.36	4.325186
Story1	B34	Push Max	466	767.115	177.36	4.325186
Story1	B34	Push Max	490	814.36	177.36	4.591565
Story1	B34	Push Min	10	-1437.821	177.36	8.106794
Story1	B34	Push Min	34	-1207.21	177.36	6.806552
Story1	B34	Push Min	34	-1207.21	177.36	6.806552

Story1	B34	Push Min	82	-787.535	177.36	4.440319
Story1	B34	Push Min	130	-457.962	177.36	2.582104
Story1	B34	Push Min	178	-218.533	177.36	1.232144
Story1	B34	Push Min	226	-0.576	177.36	0.003248
Story1	B34	Push Min	274	-17.099	177.36	0.096408
Story1	B34	Push Min	322	-233.038	177.36	1.313926
Story1	B34	Push Min	370	-470.449	177.36	2.652509
Story1	B34	Push Min	418	-786.849	177.36	4.436451
Story1	B34	Push Min	466	-1201.318	177.36	6.773331
Story1	B34	Push Min	466	-1201.319	177.36	6.773337
Story1	B34	Push Min	490	-1429.327	177.36	8.058903
Story1	B35	Push Max	10	811.873	177.36	4.577543
Story1	B35	Push Max	34	764.874	177.36	4.312551
Story1	B35	Push Max	34	764.873	177.36	4.312545
Story1	B35	Push Max	82	654.772	177.36	3.691768
Story1	B35	Push Max	130	563.866	177.36	3.179217
Story1	B35	Push Max	178	477.861	177.36	2.6943
Story1	B35	Push Max	226	336.458	177.36	1.897034
Story1	B35	Push Max	274	317.597	177.36	1.790691
Story1	B35	Push Max	322	456.345	177.36	2.572987
Story1	B35	Push Max	370	539.693	177.36	3.042924
Story1	B35	Push Max	418	633.619	177.36	3.572502
Story1	B35	Push Max	466	742.686	177.36	4.187449
Story1	B35	Push Max	466	742.686	177.36	4.187449
Story1	B35	Push Max	490	789.168	177.36	4.449526
Story1	B35	Push Min	10	-1435.772	177.36	8.095241
Story1	B35	Push Min	34	-1207.127	177.36	6.806084
Story1	B35	Push Min	34	-1207.126	177.36	6.806078
Story1	B35	Push Min	82	-791.383	177.36	4.462015
Story1	B35	Push Min	130	-471.707	177.36	2.659602
Story1	B35	Push Min	178	-233.804	177.36	1.318245
Story1	B35	Push Min	226	-17.374	177.36	0.097959
Story1	B35	Push Min	274	-0.359	177.36	0.002024
Story1	B35	Push Min	322	-217.824	177.36	1.228146
Story1	B35	Push Min	370	-456.762	177.36	2.575338
Story1	B35	Push Min	418	-783.15	177.36	4.415595
Story1	B35	Push Min	466	-1201.549	177.36	6.774634
Story1	B35	Push Min	466	-1201.55	177.36	6.774639
Story1	B35	Push Min	490	-1431.523	177.36	8.071284
Story1	B36	Push Max	10	899.48	177.36	5.071493
Story1	B36	Push Max	34	836.895	177.36	4.718623
Story1	B36	Push Max	34	836.894	177.36	4.718618
Story1	B36	Push Max	82	695.62	177.36	3.922079

Story1	B36	Push Max	130	569.055	177.36	3.208474
Story1	B36	Push Max	178	463.668	177.36	2.614276
Story1	B36	Push Max	226	302.882	177.36	1.707724
Story1	B36	Push Max	274	471.448	177.36	2.658142
Story1	B36	Push Max	322	668.11	177.36	3.766971
Story1	B36	Push Max	370	809.373	177.36	4.563447
Story1	B36	Push Max	418	895.237	177.36	5.04757
Story1	B36	Push Max	466	1050.142	177.36	5.920963
Story1	B36	Push Max	466	1050.144	177.36	5.920974
Story1	B36	Push Max	490	1119.687	177.36	6.313075
Story1	B36	Push Min	10	-1600.454	177.36	9.02376
Story1	B36	Push Min	34	-1342.851	177.36	7.571329
Story1	B36	Push Min	34	-1342.85	177.36	7.571324
Story1	B36	Push Min	82	-869.192	177.36	4.900722
Story1	B36	Push Min	130	-487.116	177.36	2.746482
Story1	B36	Push Min	178	-203.089	177.36	1.145067
Story1	B36	Push Min	226	59.465	177.36	0.335279
Story1	B36	Push Min	274	-84.206	177.36	0.474774
Story1	B36	Push Min	322	-332.844	177.36	1.876658
Story1	B36	Push Min	370	-602.955	177.36	3.399611
Story1	B36	Push Min	418	-894.539	177.36	5.043634
Story1	B36	Push Min	466	-1332.036	177.36	7.510352
Story1	B36	Push Min	466	-1332.037	177.36	7.510357
Story1	B36	Push Min	490	-1571.702	177.36	8.861649
Story1	B37	Push Max	10	1293.151	177.36	7.291108
Story1	B37	Push Max	34	1177.267	177.36	6.637726
Story1	B37	Push Max	34	1177.266	177.36	6.63772
Story1	B37	Push Max	82	948.892	177.36	5.35009
Story1	B37	Push Max	130	712.374	177.36	4.016543
Story1	B37	Push Max	178	467.712	177.36	2.637077
Story1	B37	Push Max	226	214.905	177.36	1.211688
Story1	B37	Push Max	274	47.008	177.36	0.265043
Story1	B37	Push Max	322	281.767	177.36	1.588673
Story1	B37	Push Max	370	512.541	177.36	2.889834
Story1	B37	Push Max	418	739.329	177.36	4.168522
Story1	B37	Push Max	466	962.132	177.36	5.424741
Story1	B37	Push Max	466	962.132	177.36	5.424741
Story1	B37	Push Max	490	1072.039	177.36	6.044424
Story1	B37	Push Min	10	-1320.158	177.36	7.443381
Story1	B37	Push Min	34	-1186.569	177.36	6.690173
Story1	B37	Push Min	34	-1186.568	177.36	6.690167
Story1	B37	Push Min	82	-931.882	177.36	5.254184
Story1	B37	Push Min	130	-681.181	177.36	3.840669

Story1	B37	Push Min	178	-434.466	177.36	2.449628
Story1	B37	Push Min	226	-191.736	177.36	1.081055
Story1	B37	Push Min	274	-46.046	177.36	0.259619
Story1	B37	Push Min	322	-315.14	177.36	1.776838
Story1	B37	Push Min	370	-592.379	177.36	3.339981
Story1	B37	Push Min	418	-877.762	177.36	4.949041
Story1	B37	Push Min	466	-1171.289	177.36	6.60402
Story1	B37	Push Min	466	-1171.29	177.36	6.604026
Story1	B37	Push Min	490	-1321.107	177.36	7.448731
Story1	B38	Push Max	10	827.841	177.36	4.667574
Story1	B38	Push Max	34	785.402	177.36	4.428293
Story1	B38	Push Max	34	785.402	177.36	4.428293
Story1	B38	Push Max	82	681.797	177.36	3.844142
Story1	B38	Push Max	130	631.425	177.36	3.560132
Story1	B38	Push Max	178	554.925	177.36	3.128806
Story1	B38	Push Max	226	415.88	177.36	2.344835
Story1	B38	Push Max	274	437.284	177.36	2.465516
Story1	B38	Push Max	322	582.596	177.36	3.284822
Story1	B38	Push Max	370	665.363	177.36	3.751483
Story1	B38	Push Max	418	708.745	177.36	3.996081
Story1	B38	Push Max	466	814.828	177.36	4.594204
Story1	B38	Push Max	466	814.829	177.36	4.59421
Story1	B38	Push Max	490	858.507	177.36	4.840477
Story1	B38	Push Min	10	-1479.947	177.36	8.344311
Story1	B38	Push Min	34	-1227.471	177.36	6.920788
Story1	B38	Push Min	34	-1227.471	177.36	6.920788
Story1	B38	Push Min	82	-769.427	177.36	4.338222
Story1	B38	Push Min	130	-452.132	177.36	2.549233
Story1	B38	Push Min	178	-196.227	177.36	1.106377
Story1	B38	Push Min	226	34.708	177.36	0.195692
Story1	B38	Push Min	274	17.677	177.36	0.099667
Story1	B38	Push Min	322	-210.778	177.36	1.188419
Story1	B38	Push Min	370	-464.204	177.36	2.617298
Story1	B38	Push Min	418	-765.763	177.36	4.317563
Story1	B38	Push Min	466	-1217.539	177.36	6.864789
Story1	B38	Push Min	466	-1217.539	177.36	6.864789
Story1	B38	Push Min	490	-1466.882	177.36	8.270647
Story1	B39	Push Max	10	973.699	177.36	5.489958
Story1	B39	Push Max	34	880.906	177.36	4.966768
Story1	B39	Push Max	34	880.906	177.36	4.966768
Story1	B39	Push Max	82	692.331	177.36	3.903535
Story1	B39	Push Max	130	499.772	177.36	2.817839
Story1	B39	Push Max	178	303.226	177.36	1.709664

Story1	B39	Push Max	226	102.696	177.36	0.579026
Story1	B39	Push Max	274	84.639	177.36	0.477216
Story1	B39	Push Max	322	285.589	177.36	1.610222
Story1	B39	Push Max	370	482.554	177.36	2.72076
Story1	B39	Push Max	418	675.534	177.36	3.808829
Story1	B39	Push Max	466	864.528	177.36	4.874425
Story1	B39	Push Max	466	864.528	177.36	4.874425
Story1	B39	Push Max	490	957.531	177.36	5.398799
Story1	B39	Push Min	10	-1168.264	177.36	6.586964
Story1	B39	Push Min	34	-1046.247	177.36	5.899002
Story1	B39	Push Min	34	-1046.247	177.36	5.899002
Story1	B39	Push Min	82	-808.32	177.36	4.55751
Story1	B39	Push Min	130	-578.537	177.36	3.261936
Story1	B39	Push Min	178	-356.899	177.36	2.012286
Story1	B39	Push Min	226	-143.405	177.36	0.808553
Story1	B39	Push Min	274	-124.514	177.36	0.702041
Story1	B39	Push Min	322	-336.76	177.36	1.898737
Story1	B39	Push Min	370	-557.15	177.36	3.141351
Story1	B39	Push Min	418	-785.684	177.36	4.429883
Story1	B39	Push Min	466	-1022.362	177.36	5.764332
Story1	B39	Push Min	466	-1022.363	177.36	5.764338
Story1	B39	Push Min	490	-1143.756	177.36	6.448782
Story1	B40	Push Max	10	959.475	177.36	5.40976
Story1	B40	Push Max	34	897.53	177.36	5.060498
Story1	B40	Push Max	34	897.53	177.36	5.060498
Story1	B40	Push Max	82	754.914	177.36	4.256394
Story1	B40	Push Max	130	669.709	177.36	3.775987
Story1	B40	Push Max	178	555.789	177.36	3.133677
Story1	B40	Push Max	226	379.322	177.36	2.138712
Story1	B40	Push Max	274	542.8	177.36	3.060442
Story1	B40	Push Max	322	731.479	177.36	4.124261
Story1	B40	Push Max	370	857.612	177.36	4.835431
Story1	B40	Push Max	418	930.639	177.36	5.247175
Story1	B40	Push Max	466	1078.498	177.36	6.080841
Story1	B40	Push Max	466	1078.499	177.36	6.080847
Story1	B40	Push Max	490	1143.065	177.36	6.444886
Story1	B40	Push Min	10	-1612.947	177.36	9.094198
Story1	B40	Push Min	34	-1338.788	177.36	7.548421
Story1	B40	Push Min	34	-1338.787	177.36	7.548416
Story1	B40	Push Min	82	-837.377	177.36	4.721341
Story1	B40	Push Min	130	-480.895	177.36	2.711406
Story1	B40	Push Min	178	-183.214	177.36	1.033006
Story1	B40	Push Min	226	89.497	177.36	0.504606

Story1	B40	Push Min	274	-65.253	177.36	0.367913
Story1	B40	Push Min	322	-332.72	177.36	1.875959
Story1	B40	Push Min	370	-625.158	177.36	3.524797
Story1	B40	Push Min	418	-952.006	177.36	5.367648
Story1	B40	Push Min	466	-1441.203	177.36	8.125863
Story1	B40	Push Min	466	-1441.203	177.36	8.125863
Story1	B40	Push Min	490	-1709.256	177.36	9.637212