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Analysis and design of tall concrete buildings : an investigation regarding the use of cracked versus un-cracked moment of inertia

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FLORIDA INTERNATIONAL UNIVERSITY

Miami, Florida

ANALYSIS AND DESIGN OF TALL CONCRETE BUILDINGS: AN
INVESTIGATION REGARDING THE USE OF CRACKED VERSUS UN-CRACKED
MOMENT OF INERTIA

A thesis submitted in partial fulfillment of the

requirements for the degree of

MASTER OF SCIENCE

in

CIVIL ENGINEERING

by

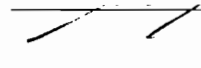
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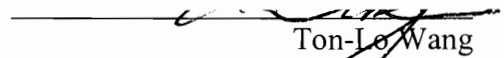
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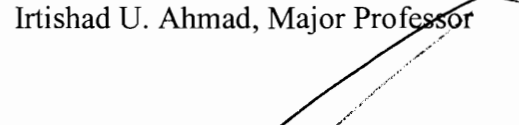
To: Dean Vish Prasad
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This thesis, written by Anas Bataineh, and entitled Analysis and Design of Tall Concrete Buildings: An Investigation Regarding the Use of Cracked versus Un-Cracked Moment of Inertia, having been approved in respect to style and intellectual content, is referred to you for judgment.

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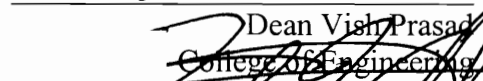

Luis Prieto-Portar

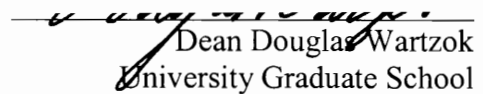

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Date of Defense: March 31, 2004

The thesis of Anas Bataineh is approved.


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Florida International University, 2004

DEDICATION

This thesis is dedicated to my family who always raised me with the strong values of persistence and dedication to always perform to the best of my efforts. To my sister and my brother-in-law who provided support and guidance throughout this crucial time, which will define my future.

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ABSTRACT OF THE THESIS

ANALYSIS AND DESIGN OF TALL CONCRETE BUILDINGS: AN
INVESTIGATION REGARDING THE USE OF CRACKED VERSUS UN-CRACKED
MOMENT OF INERTIA

by

Anas Bataineh

Florida International University, 2004

Miami, Florida

Professor Irtishad U. Ahmad, Major Professor

A debate is currently prevalent among the structural engineers regarding the use of cracked versus un-cracked moment of inertia of the structural elements in analyzing and designing tall concrete buildings. (The basic definition of a tall building, according to the *Journal of Structural Design of Tall Buildings* Vol. 13, No. 5, 2004 is a structure that is equal to or greater than 160 feet in height, or 6 stories or greater.) The controversy is the result of differing interpretations of certain ACI (American Concrete Institute) code provisions. The issue is whether designers should use cracked moment of inertia in order to estimate lateral deflection and whether the computed lateral deflection should be used to carry out subsequent second-order analysis (analysis considering the effect of first-order lateral deflections on bending moment and shear stresses). On one hand, bending moments and shear forces estimated based on un-cracked moment of inertia of the sections may result in conservative designs by overestimating moments and shears. On the other hand, lateral deflections may be underestimated due to the same analyses resulting in unsafe designs.

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LIST OS SYMBOLS

Φ : Strength reduction factor.

Δ_o : Lateral displacement due to ultimate lateral forces.

δ_{ns} : ACI code nonsway moment magnification factor.

δ_s : ACI code sway moment magnification factor.

D_m : percentile difference between the first and second analyses sway moments.

D_{ns2} : percentile difference between the first and second analyses gravity moments.

h : the dimension of the column square cross-section.

I_{cre} : Effective moment of inertia of the column cracked section.

I_{ge} : Effective moment of inertia of the column gross section.

k : Effective length factor.

M_u : Ultimate Bending Moment.

P_c : Critical buckling load.

P_u : Ultimate axial load.

Q : Stability index.

V_u : Ultimate shear force.

CHAPTER 1

INTRODUCTION

1.1 PROBLEM STATEMENT:

A debate is currently prevalent among the structural engineers regarding the use of cracked versus un-cracked moment of inertia of the structural elements in analyzing and designing tall concrete buildings. The controversy is the result of differing interpretations of certain ACI (American Concrete Institute) code provisions. The issue is whether designers should use cracked moment of inertia in order to estimate lateral deflection and whether the computed lateral deflection should be used to carry out subsequent second-order analysis (analysis considering the effect of first-order lateral deflections on bending moment and shear stresses). On one hand, bending moments and shear forces estimated, based on un-cracked moment of inertia, may result in conservative designs by overestimating moments and shears. On the other hand, lateral deflections may be underestimated due to the same analyses resulting in unsafe designs. The ACI code provisions leave room for widely differing predictions and do not provide clear guidelines.

1.2 SCOPE:

The scope of this investigation is limited to determining theoretically the behavior of columns in tall concrete buildings under lateral forces. A commercially available computer software package, employing the finite element method (FEM) is used to carry out the analytical investigation. Four buildings with different story heights are modeled, each has the same structural configuration (one bay by one bay), material properties and number of stories (30 stories).

The structural configuration of the buildings is chosen based on the following:

- 1) Each one of the buildings satisfies the definition of the tall building.
- 2) The story height of each building is different; different lateral deflections and moments will be induced causing different *P-Delta* (second order) effects.
- 3) All the structural elements in the buildings are designed according to ACI Code provisions.

Three types of analyses are performed for each building, un-cracked first order, un-cracked second order (*P-Delta*) and cracked second order (*P-Delta*). The results are used to investigate the ACI Code moment magnification factors and the behavior of columns in concrete buildings.

1.3 OBJECTIVES:

- 1) To investigate the applicability of ACI Code moment magnifier method in terms of slenderness ratio (kL_u/r) ranges for braced and sway columns (unbraced).
- 2) To investigate behavior of tall concrete buildings analytically under lateral force effects with different story heights based on cracked and un-cracked moment of inertia of the structural members sections.
- 3) To develop an improved procedure for analysis taking realistic behavior of tall concrete buildings under ultimate loads (gravity & lateral) into account.
- 4) To develop graphical design aids for assisting structural engineers.

CHAPTER 2

BACKGROUND

2.1 ACI METHOD: SUMMARY

Tall or high-rise buildings are typically statically indeterminate structures. That means, bending moments and shear forces induced in the structural elements (mainly beams and columns) are dependent on deflections (work done by the external loads) in these members, and these deflections vary according to the stiffness (moment of inertia) of structural elements. The structural elements are designed to carry the ultimate applied loads; these loads will force the structure to deform in a way to reach the stable condition (work done by external loads equals to the work done by internal loads). Accordingly, the flexural rigidity of the structural elements will be decreased due to cracking of the sections; further deformations will be induced because of the increase in flexibility of that structure.

First, the study was conducted by going through ACI code provisions to investigate the methodology suggested in ACI research to come up with the moment magnifier method and the underlying assumptions that led to this methodology.

Section 10 in ACI code 2002 was the main reference to this research investigation, all of the variables controlling the analysis and design processes were studied in depth in order to understand the rationale used by ACI.

In *ACI R10.13.3* it is mentioned that the analysis described in moment magnifier method deals only with plane frames subjected to loads causing deflections in that plane. If torsional displacements are significant, a three-dimensional second-order analysis is suggested. In this research only symmetrical buildings in geometry and loading are

considered. Thus no torsional displacements are significant in any building used in this research.

In *ACI R10.13.4.1* it is mentioned that a second-order analysis is a frame analysis that includes the internal force effects resulting from deflections. When a second-order elastic analysis is used to compute $\delta_s M_s$, magnified moments due to lateral loads, and the deflections should be representative of the stage immediately prior to the ultimate load. For this reason the reduced $E_c I_g$ values given in *10.11.1* should be used in the second-order analysis.

(b) Moments of inertia	
Beams	0.35 I_g
Columns	0.70 I_g
Walls—Uncracked	0.70 I_g
—Cracked	0.35 I_g
Flat plates and flat slabs	0.25 I_g

ACI uses a factor called β_d to account for cracking in structural members due to creep and shrinkage. The term β_d is defined differently for non-sway and sway.

β_d = (a) for nonsway frames, β_d is the ratio of the maximum factored axial sustained load to the maximum factored axial load associated with the same load combination;
 (b) for sway frames, except as required in (c) of this definition, β_d is the ratio of the maximum factored sustained shear within a story to the maximum factored shear in that story;
 (c) for stability checks of sway frames carried out in accordance with 10.13.6, β_d is the ratio of the maximum factored sustained axial load to the maximum factored axial load

In this research no shear walls were used, shear walls takes all of the lateral loads applied to the concrete building and the main function of the other structural members will be to carry the gravity loads only. So, the stability index (Q) was used to distinguish between a braced story and a sway story, *ACI 10.11.4.2* was used:

10.11.4.2 — It also shall be permitted to assume a story within a structure is nonsway if:

$$Q = \frac{\Sigma P_u \Delta_o}{V_u \ell_c} \quad (10-6)$$

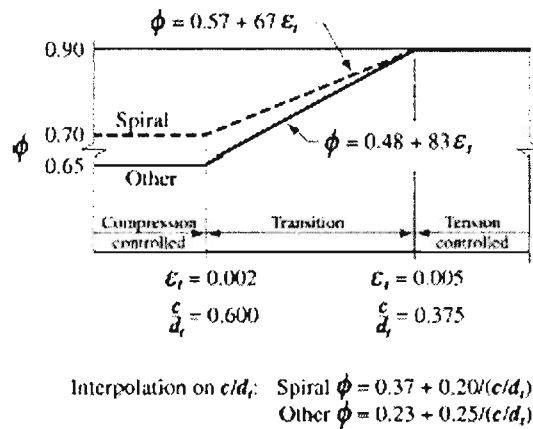
is less than or equal to 0.05, where ΣP_u and V_u are the total vertical load and the story shear, respectively, in the story in question and Δ_o is the first-order relative deflection between the top and bottom of that story due to V_u .

In *ACI R10.11.4* it is mentioned that the moment magnifier design method requires the designer to distinguish between non-sway frames, (designed according to *10.12*) and sway frames (designed according to *10.13*). Frequently this can be done by inspection by comparing the total lateral stiffness of the columns in a story to that of the bracing elements. A compression member may be assumed non-sway by inspection if it is located in a story in which the bracing elements (shear walls, shear trusses, or other types of lateral bracing) have such substantial lateral stiffness to resist the lateral deflections of the story that any resulting lateral deflection is not large enough to affect the column strength substantially. If not readily apparent by inspection, *10.11.4.1* and *10.11.4.2* give two possible ways of doing this. In *10.11.4.1*, a story in a frame is said to be non-sway if the increase in the lateral load moments resulting from *P-Delta* effects does not exceed 5 percent of the first-order moments. 10.28 Section 10.11.4.2 gives an alternative method of determining this based on the stability index for a story Q . In computing Q , ΣP_u should correspond to the lateral loading case for which ΣP_u is greatest. A frame may contain both non-sway and sway stories. This test would not be suitable if V_u is zero.

ACI also specifies another limit, in addition to the above, for the use of the moment magnifier method. Slenderness Ratio (kL_u/r) must be less than 100, otherwise the moment magnifier method is not applicable any more, and all of the columns in all of the three buildings used in this research satisfy that limit.

The effective length factor (k) was calculated according to *ACI 10.12*, taking into account the connection condition for each column and whether the story investigated is Braced or not (sway).

The strength reduction factor (ϕ) was calculated for each column in accordance with *ACI 9.3.2*:



The ACI Code specifies a limit for the compression member steel reinforcement Ratio, with a maximum of 8% going down to a minimum of 1% of the gross cross-sectional area, in this research a steel reinforcement ration of 1.5% was used.

10.9 — Limits for reinforcement of compression members

10.9.1 — Area of longitudinal reinforcement for non-composite compression members shall be not less than 0.01 nor more than 0.08 times gross area A_g of section.

2.2 DESCRIPTION OF ACI CODE PROCEDURE:

In this section, the ACI procedure for designing compression members is given:

1. Specify which materials properties will be used in the analysis and design of the structural member, f'_c (concrete compressive strength), γ (unit weight of concrete), f_y (grade of reinforcing steel).
2. Assume preliminary section dimensions.
3. From the analysis results, using the axial loads, moments and shears for each load case (dead, live, wind... etc), calculate the ultimate load combinations. And find which combination is the most critical for design.
4. Determine whether the story is sway or non-sway using the ACI limits for the stability index (Q).
5. calculate the effective length factor using the equations/charts provided by ACI, then calculate the slenderness ratio and find out if the member is slender or not. Make sure (kL_u/r is less than 100).
6. calculate the magnifier factors:
 - a) If the member is non-sway and short: no magnifications of moments are required.
 - b) If the member is non-sway and Slender: gravity load combination should be magnified by δ_{ns} .

- c) If the member is sway and short: no magnifications of moments are required.
- d) If the member is sway and Slender: gravity load combination must be magnified by δ_{ns} if $[L_u/r > 35/(P_u/f'_c A_g)^{0.5}]$ and the sway moments must be magnified by δ_s .
- e) If the member is sway and Slender: if $[L_u/r < 35/(P_u/f'_c A_g)^{0.5}]$ no magnification is required for gravity load combination and the sway moments must be magnified by δ_s .

7. Calculate the Design moment, magnified ultimate moment, and the ultimate axial load.
8. Calculate the actual eccentricity and the minimum eccentricity specified by ACI code and take which ever is the greater.
9. Calculate the nominal axial load and moment by dividing the forces from step (7) with the strength reduction factor.
10. Using the interaction diagrams or equations solving find out the required steel ratio.
11. Check if the section is adequate, if not go back to step 2 and increase the section dimensions.

2.3 COMPUTER MODELING:

2.3.1 DESCRIPTION OF BUILDINGS:

The typical building used for analysis in this research is described below:

- 1) Thirty Story building.
- 2) Four building with four different story heights: 18 ft, 24 ft, 30 ft and 36 ft.

- 3) One bay by one bay of 24 ft span.
- 4) Each story consists of 4 corner columns, 4 beams and a concrete slab connecting them.
- 5) The applied loads on the concrete slab are 20 psf dead and 80 psf live load.
- 6) The applied lateral load on the columns is the wind load with a speed of 150 MPH.



Figure 2.3.1.1a
Elevation view of the typical building used in this research

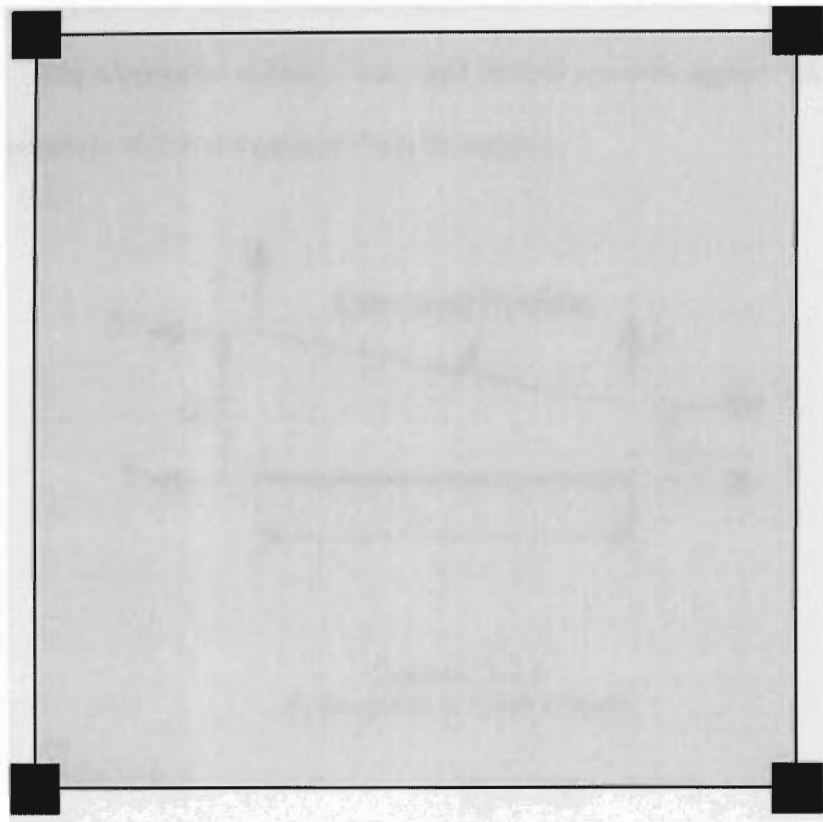


Figure 2.3.1.1b
Plan view of the typical building used in this research

2.3.2 DESCRIPTION OF THE COMPUTER ANALYSIS PROGRAM:

The Computer software was used in this research applies the concept of the geometric stiffness matrix in P-Delta analysis.

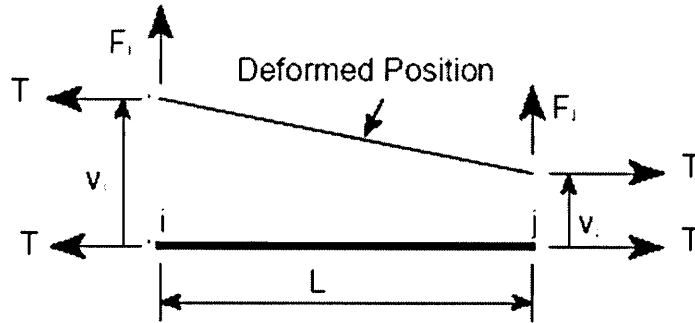


Figure 2.3.2.1
Forces acting on a cable element

$$F_i = \frac{T}{L}(v_i - v_j)$$

$$F_j = -F_i$$

$$\begin{bmatrix} F_i \\ F_j \end{bmatrix} = \frac{T}{L} \begin{bmatrix} 1 & -1 \\ -1 & 1 \end{bmatrix} \begin{bmatrix} v_i \\ v_j \end{bmatrix}$$

or symbolically,

$$\mathbf{F}_g = \mathbf{k}_g \mathbf{v}$$

The Geometric Stiffness matrix (\mathbf{k}_G):

$$\begin{bmatrix} F_i \\ M_i \\ F_j \\ M_j \end{bmatrix} = \frac{T}{30L} \begin{bmatrix} 36 & 3L & -36 & 3L \\ 3L & 4L^2 & -3L & -L^2 \\ -36 & -3L & 36 & -3L \\ 3L & -L^2 & -3L & 4L^2 \end{bmatrix} \begin{bmatrix} v_i \\ \phi_i \\ v_j \\ \phi_j \end{bmatrix}$$

$$\text{or } \mathbf{F}_G = \mathbf{k}_G \mathbf{v}$$

The Elastic Stiffness without Shear Deformations:

$$\begin{bmatrix} F_i \\ M_i \\ F_j \\ M_j \end{bmatrix} = \frac{EI}{L^3} \begin{bmatrix} 12 & 6L & -12 & 6L \\ 6L & 4L^2 & -6L & -2L^2 \\ -12 & -6L & 12 & -6L \\ -6L & -2L^2 & -6L & 4L^2 \end{bmatrix} \begin{bmatrix} v_i \\ \phi_i \\ v_j \\ \phi_j \end{bmatrix} \quad \text{or. } \mathbf{F}_E = \mathbf{k}_E \mathbf{v}$$

The Total stresses acting on a member are:

$$\mathbf{F}_T = \mathbf{F}_E + \mathbf{F}_G = [\mathbf{k}_E + \mathbf{k}_G] \mathbf{v} = \mathbf{k}_T \mathbf{v}$$

In building analysis the lateral movement of a story mass to a deformed position generates second-order overturning moments. This second-order behavior has been termed the *P-Delta* effect since the additional overturning moments on the building are equal to the sum of story weights “*P*” times the lateral displacements “*Delta*”.

Many techniques have been proposed for evaluating this second-order behavior. Some methods consider the problem as one of geometric non-linearity and propose iterative solution techniques that can be numerically inefficient. Also, these iterative methods are not appropriate for dynamic analysis where the *P-Delta* effect causes lengthening of the periods of vibration. However, the simple approach used in their derivation should add physical insight to the understanding of *P-Delta* behavior in buildings.

The procedure involving *P-Delta* analysis can be summarized as follows:

1. Choose geometrical sections of the frame and its columns and their stiffness (*EI*) by approximate procedure.

2. Calculate the drifts (later deflections Δ_i) and the corresponding ultimate loads (P_u) at joints $i=1, 2 \dots n$. (as in the figure).

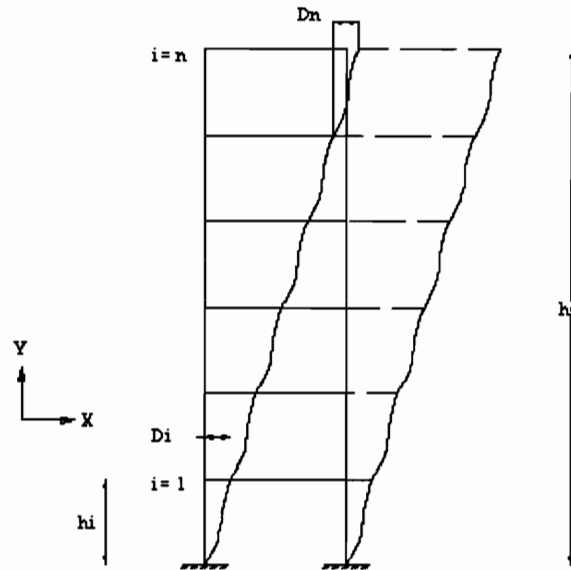


Figure 2.3.2.2
Deformed shape of the typical building used in this research

3. Find the equivalent horizontal forces ($H_i = P_i \Delta_i / h_i$)
4. Add the values obtained in step 3 to the actual lateral loads acting on the frame.
5. Perform a frame analysis using approximate computer program (or hand analysis).
6. The iterative computer program, using the stiffnesses (EI), chosen for the input data gives Δ_i results that have to be compared with the previous analysis results.

7. If all Δ_i are less than or equal to the ones obtained from the preceding analysis, accept the analysis. If not run more cycles and modify the stiffnesses.

The *P-Delta* problem can be linearized and the solution to the problem can be obtained directly and exactly, without iteration, in building type structures where the weight of the structure is constant during lateral motions and the overall structural displacements can be assumed to be small compared to the structural dimensions.

The method does not require iteration since the total axial force at a story level is equal to the weight of the building above that level and does not change during the application of lateral loads. Therefore, the sum of the column of geometric stiffness terms associated with the lateral loads cancels and only the axial forces due to the weight of the structure need to be included in the evaluation of the geometric stiffness terms for the entire building.

CHAPTER 3

METHODOLOGY

3.1 DESCRIPTION OF ANALYSIS AND DESIGN PROCEDURE:

In this section the analysis and design procedure of a typical building is described in detail, including the assumptions made to get the results obtained.

After choosing the structural configuration of the typical building, material properties and dimensions, the building was modeled using the commercially available FEM software. Assuming preliminary sections of the structural members the first order un-cracked analysis was performed. Using the axial loads, moments and shears obtained from that analysis the structural members were design to resist the ultimate loads applied. Then, the new sections were input again to the computer model and the first order un-cracked analysis was performed and a new set of member forces was obtained. The structural members were designed again to carry the new forces of the second analysis, if the input sections were different from the output (designed) sections, the analysis operation would be repeated until input sections were within 10% difference from output sections.

After finishing the design for the first order un-cracked analysis and making sure that all of the structural members would carry the applied loads, a *P-Delta* un-cracked (second order) analysis was performed to account for the additional moments induced because of the building lateral drifts. Once that is done, another check would be performed for the capacity of the building's structural members; if any member fails to carry its assigned loads the section of that member must be redesigned.

Using the design results obtained (sections dimensions, depth of the compression block of the section and the longitudinal area of the reinforcing steel), the effective cracked and the effective gross moments of inertia of each section is calculated and a ratio of cracked to un-cracked moments of inertia were calculated. These ratios would be entered into the computer model to modify each member's stiffness. A *P-Delta* (second order) analysis of the modified building is performed and a new set of results would be obtained (the structural members would pass the strength capacity check but the lateral drifts for each story would be increased).

The section of each structural member would be modified in a way to balance the lateral drifts of the first order un-cracked analysis with the second order (*P-Delta*) cracked analysis. That was done by increasing the sections as a function of the increase in the lateral drifts of each story.

Sets of graphs comparing the results obtained were drawn for each one of the four buildings and conclusions were made regarding the behavior of the buildings described in these graphs.

3.2 DESCRIPTION OF THE MATHCAD SHEET USED FOR DESIGN:

A *MathCAD* sheet was created to facilitate the process of design and comparing the results between the three types of analysis were performed for each building.

Here is a summary of the input and output obtained from the *MathCAD* sheet:

Input:

- 1) First order and second order axial loads, moments, shears and lateral deflections of each story (dead, live and wind) were exported from the analysis software to Microsoft excel then as an input file to *MathCAD*.
- 2) The *MathCAD* sheet will calculate the ultimate loads applied to the structural member and the moment's modification factors to prepare the process of design.
- 3) The reinforcing steel ratio can be changed in the sheet; a value of 1.5% was used throughout in this research.

Output:

- 1) Section dimensions.
- 2) Unsupported length of column.
- 3) Area of longitudinal reinforcing steel.
- 4) Effective length factor (k).
- 5) Slenderness Ratio (kL_u/r).
- 6) Whether the story is sway or non-sway (braced).
- 7) Whether the columns of each story are slender or short.
- 8) Stability Index (Q).
- 9) Non-sway moment magnification factor.
- 10) Sway moment magnification factor.

- 11) Capacity ratios of the section.
- 12) Compression block dimension (c).
- 13) Strength Reduction Factor (ϕ).
- 14) Difference in first order and second order (*P-Delta*) non-sway moments.
- 15) Difference in first order and second order (*P-Delta*) sway moments.
- 16) Effective cracked moment of inertia (I_{cre}).
- 17) Effective gross moment of inertia (I_{ge}).
- 18) The ratio of cracked to un-cracked moments of inertia.

The *MathCAD* sheet applies the design provisions of ACI Code for compression members; here is the process of design using the *MathCAD* sheet:

- 1) Importing the output file from the Computer's software analysis results.
- 2) Calculating the ultimate loads applied to the structural member.
- 3) Calculating the stability index of the story.
- 4) Determining if the story is braced or sways.
- 5) Calculating the creep factor for the situation applied.
- 6) Calculating the relative stiffnesses of the column-beam connection.
- 7) Calculating the effective length factor.
- 8) Calculating the slenderness ratio.
- 9) Determining if the structural member is short or slender.
- 10) Calculating the critical buckling load.
- 11) Calculating the non-sway moment magnification factor.
- 12) Calculating the sway moment magnification factor.
- 13) Calculating the design ultimate axial load, moment and eccentricity.

- 14) Performing the design process to carry the ultimate loads.
- 15) Calculating capacity ratios, stresses in compression and tension steels and the strength reduction factor.
- 16) Calculating the differences in first order and second order analysis results.
- 17) Calculating the effective cracked and gross moments of inertia.
- 18) Calculating the ratio of cracked to un-cracked moments of inertia.
- 19) Exporting the results to an excel output file to perform the output analysis in excel.

CHAPTER 4

RESULTS

4.1 OVERVIEW:

After finishing the analysis and design processes and calculating the output parameters of interest in each building, a set of three graphs was drawn to compare the research results with the ACI code recommendations.

The first graph compares the sway moment modification factor with the real difference in the un-cracked first order and second order analyses sway moments with respect to the varying slenderness ratio for each story of the building.

The second graph compares the non-sway modification factor with the real difference in the un-cracked first order and second order analyses non-sway moments with respect to the varying slenderness ratio for each story of the building.

The third graph gives an indication of the increase in the cross-sectional dimensions from the first order un-cracked analysis to the second order (P-Delta) cracked analysis to get the same lateral deflections with respect to each story.

4.2 DESCRIPTION OF FIGURES:

For each building, a set of three graphs is shown:

1) Sway stories:

A comparison graph represents the ACI sway magnification factors

$$(\delta_s = \frac{1}{1-Q} \text{ or } \frac{1}{1 - \frac{\sum P_u}{0.75 \sum P_c}})$$
 versus the percentage difference from first order

sway moment to second order sway moment (D_m).

2) Braced stories:

A comparison graph represents the ACI nonsway magnification factors

$$(\delta_{ns} = \frac{1}{1 - \frac{P_u}{0.75 P_c}})$$
 versus the percentage difference from first order gravity

moment to second order gravity moment (D_{ns2}).

- ### 3) The percentage increase in the square column dimension (h) to equate the first order uncracked lateral deflections to the second order cracked lateral deflections versus story.

4.3 ANALYSIS RESULTS:

1) The 18 ft story height building:

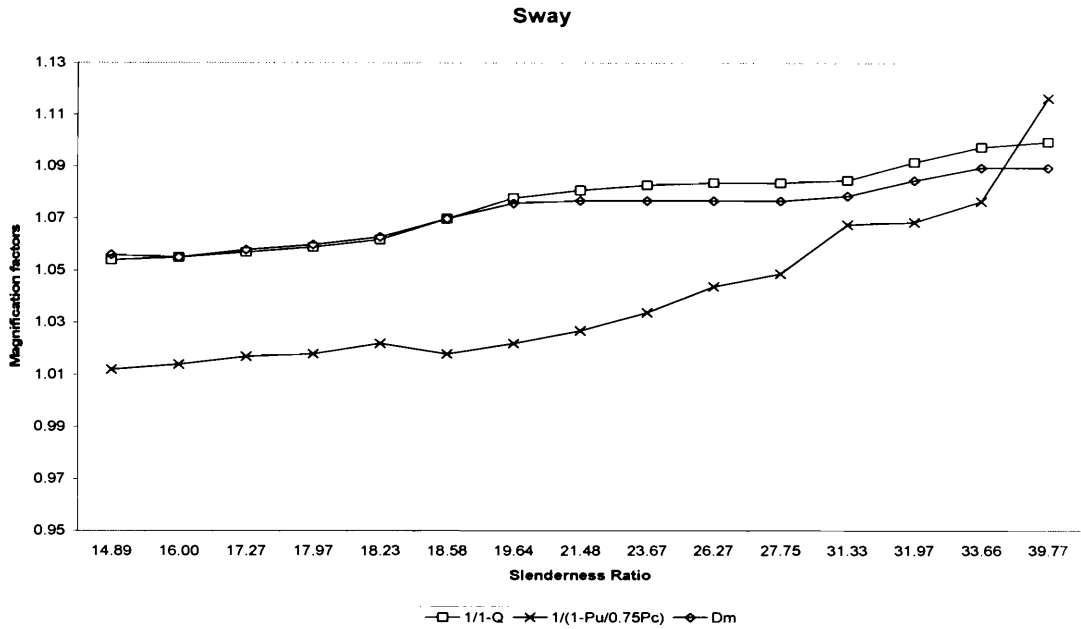


Figure 4.3.1
ACI sway magnifier factors vs. the ratio of second order to first order moments

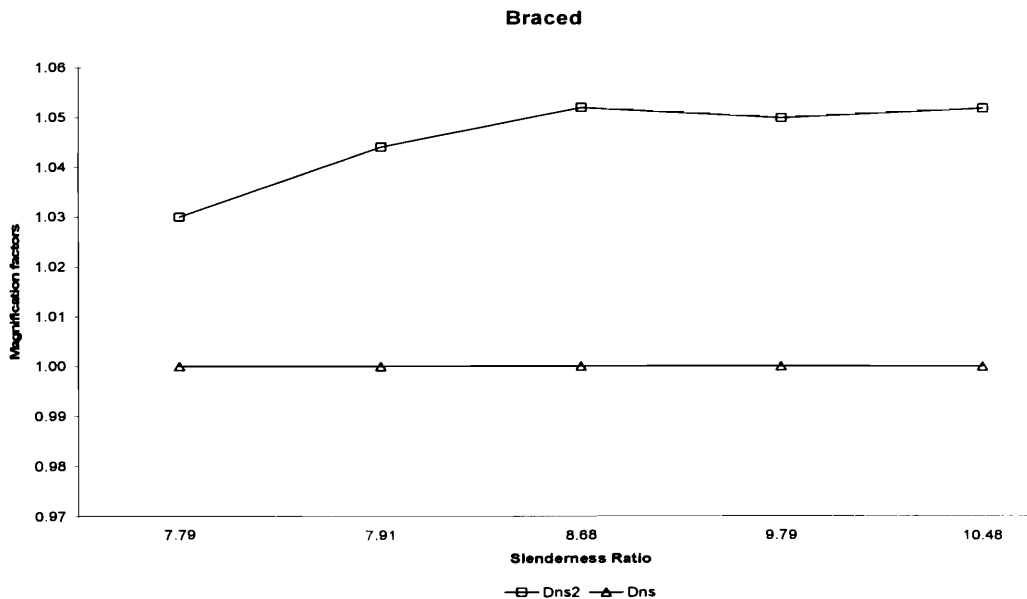


Figure 4.3.2
ACI non-sway magnifier factors vs. the ratio of second order to first order moments

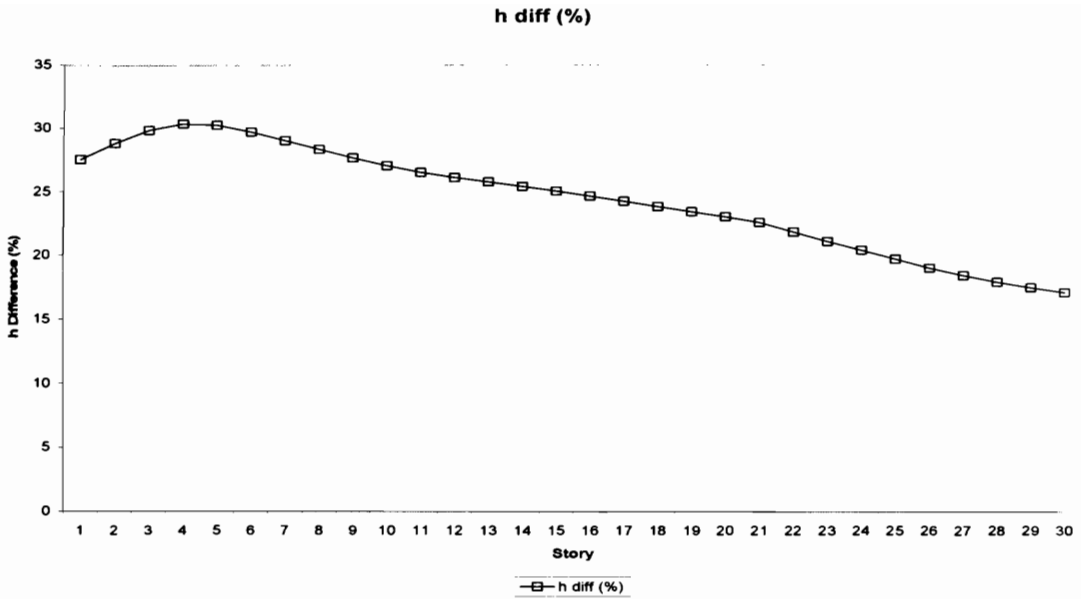


Figure 4.3.3

Percentile increase in the square cross- section dimension of a column to equate the un-cracked first order to the cracked second order lateral deflections with respect to story

2) The 24 ft story height building:

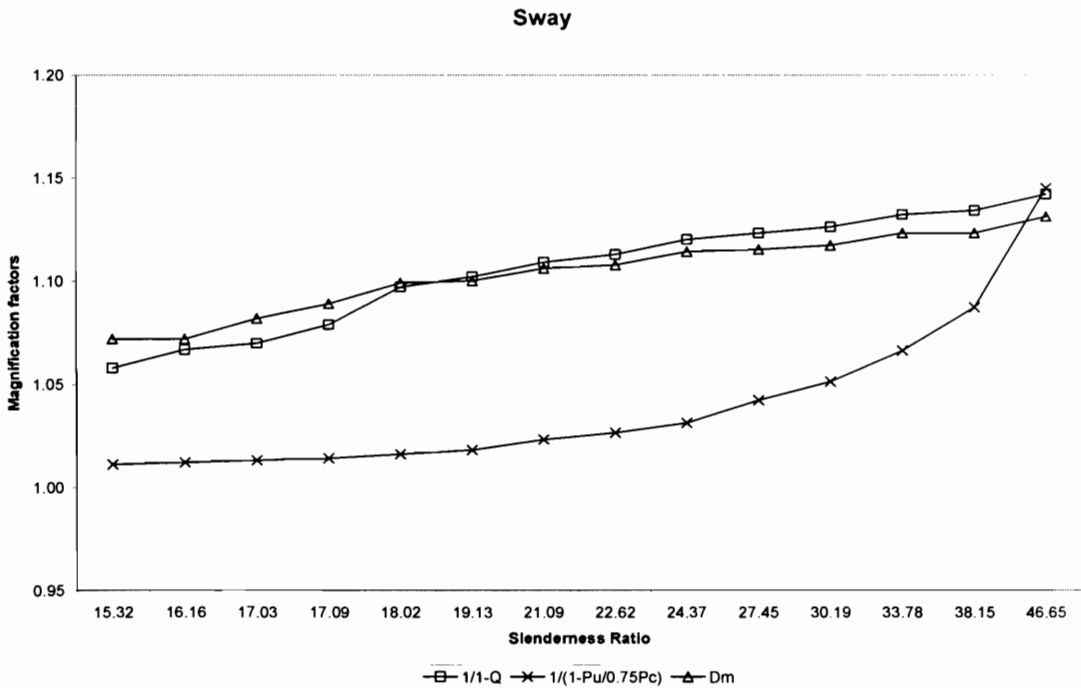


Figure 4.3.4

ACI sway magnifier factors vs. the ratio of second order to first order moments

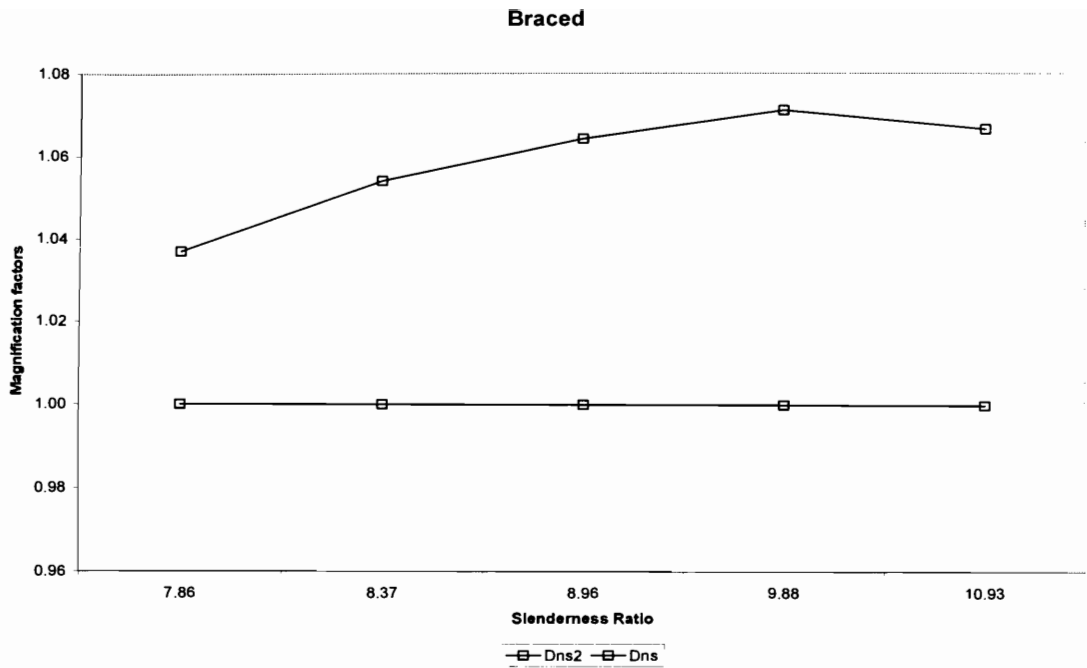


Figure 4.3.5
ACI non-sway magnifier factors vs. the ratio of second order to first order moments

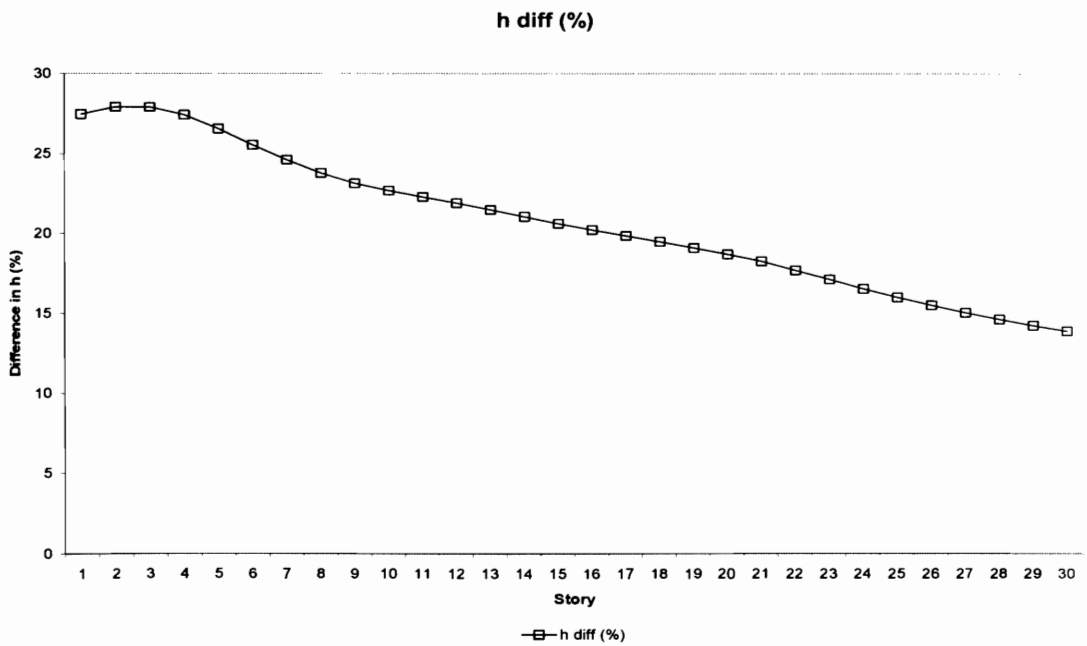


Figure 4.3.6
Percentile increase in the square cross- section dimension of a column to equate the un-cracked first order to the cracked second order lateral deflections with respect to story

3) The 30 ft story height building:

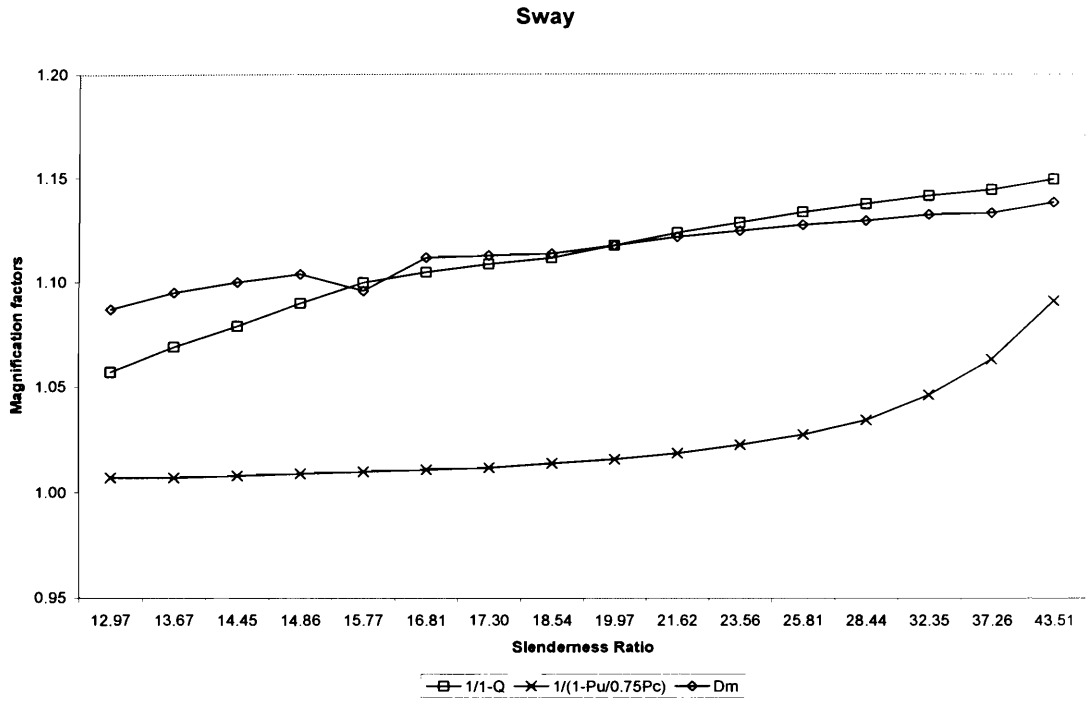
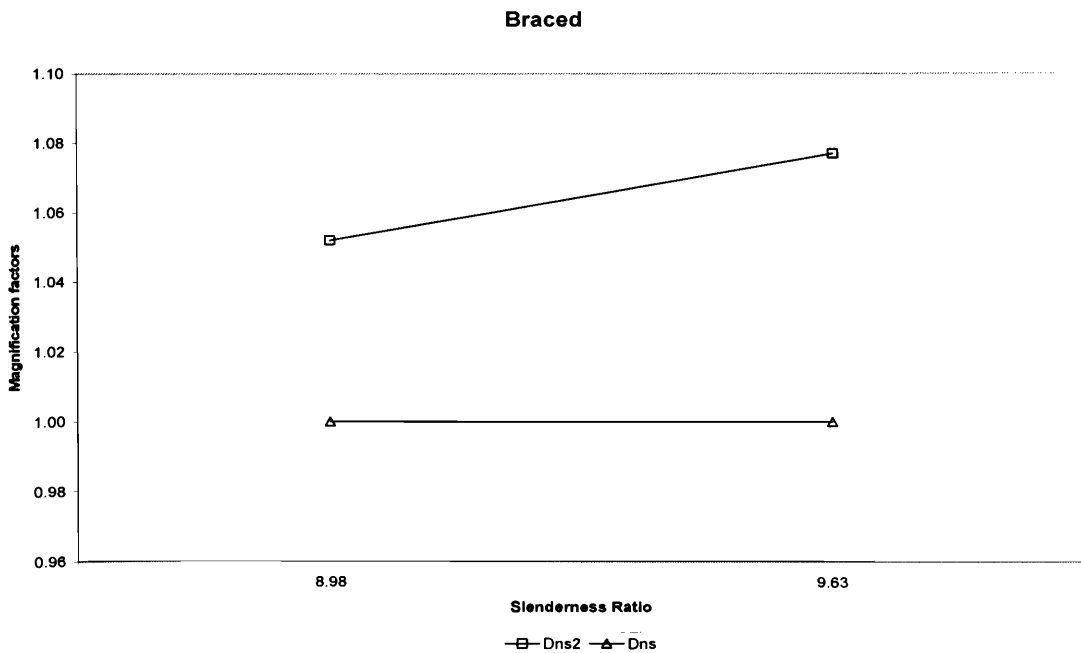


Figure 4.3.7
ACI sway magnifier factors vs. the ratio of second order to first order moments



Graph 4.3.8
ACI non-sway magnifier factors vs. the ratio of second order to first order moments

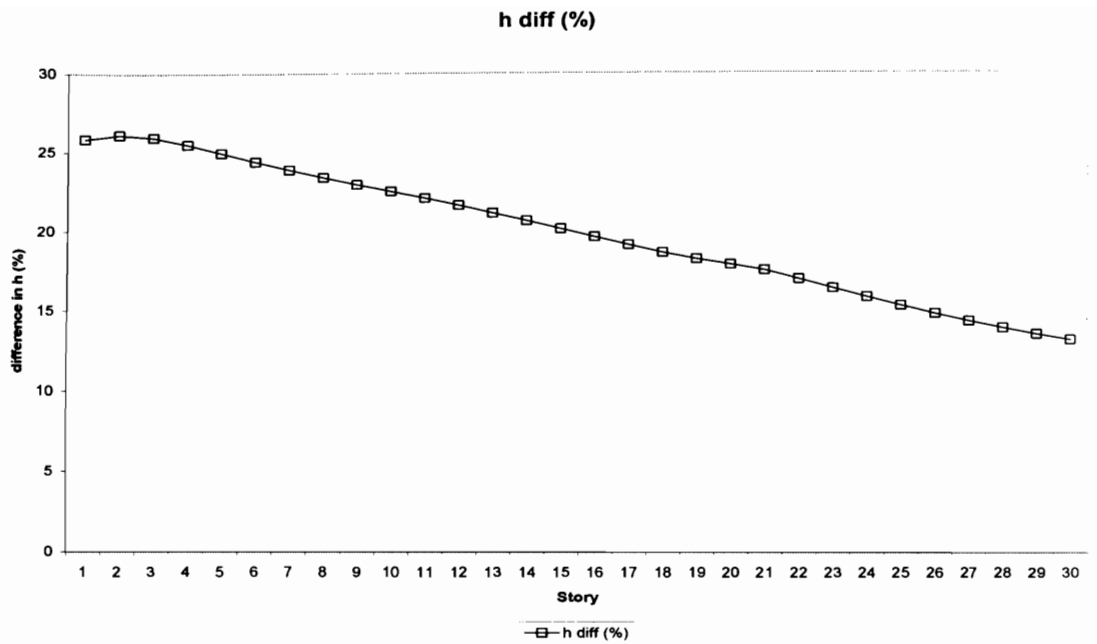


Figure 4.3.9

Percentile increase in the square cross- section dimension of a column to equate the un-cracked first order to the cracked second order lateral deflections with respect to story

4) The 36 ft story height building:

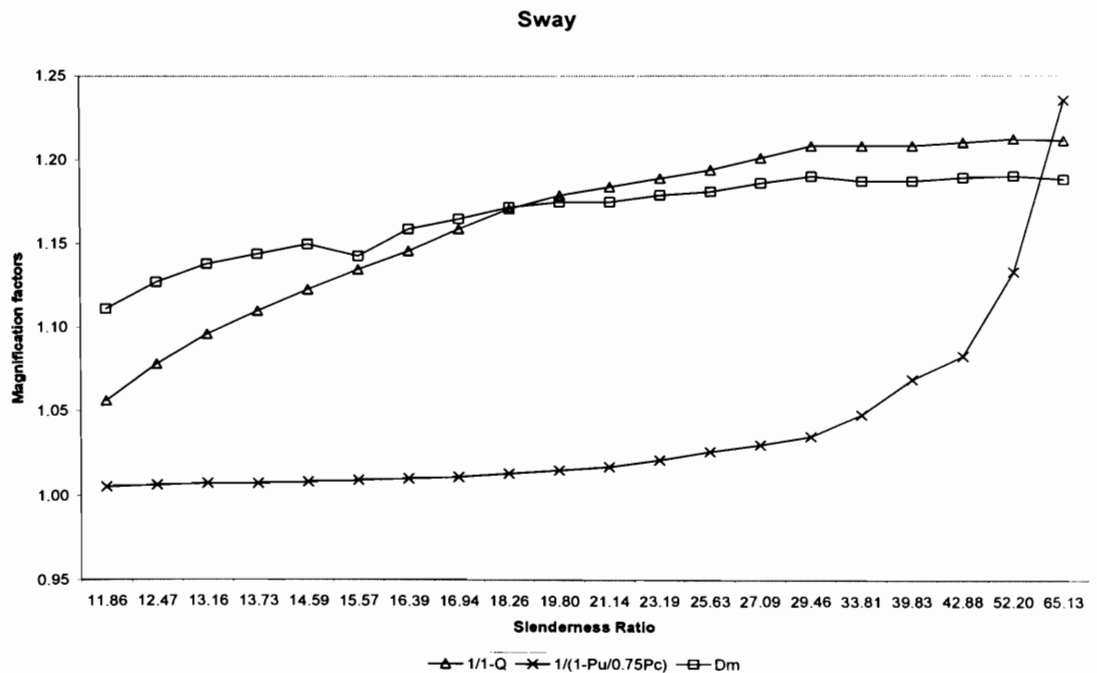


Figure 4.3.10

ACI sway magnifier factors vs. the ratio of second order to first order moments

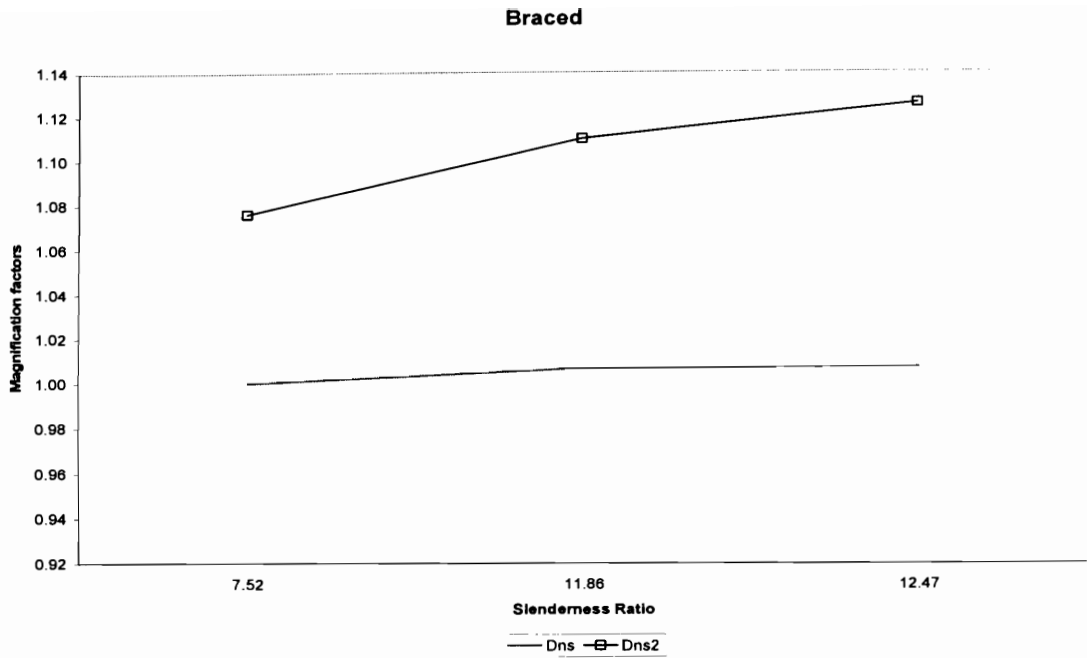


Figure 4.3.11

ACI non-sway magnifier factors vs. the ratio of second order to first order moments

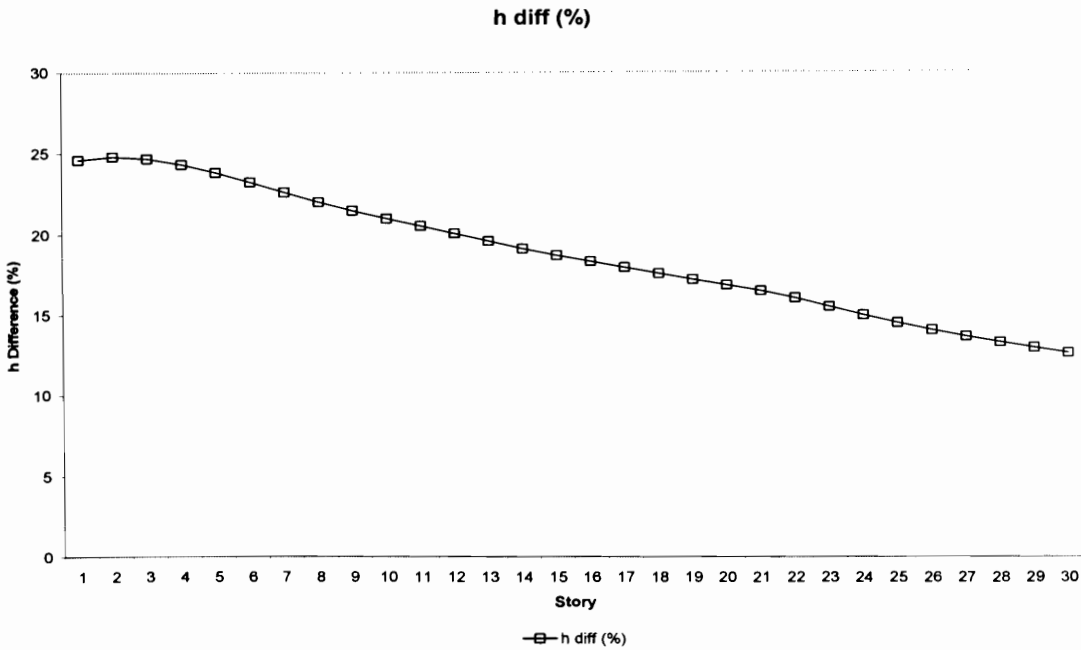


Figure 4.3.12

Percentile increase in the square cross-section dimension of a column to equate the un-cracked first order to the cracked second order lateral deflections with respect to story

5) Difference in h (%) vs. story, for all buildings:

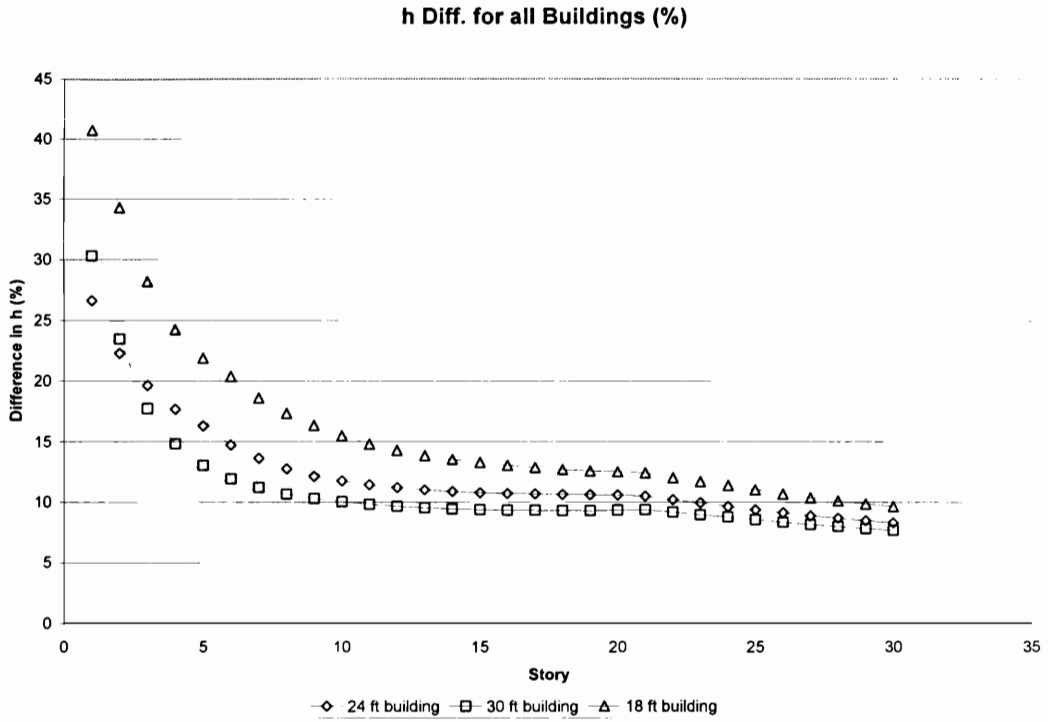


Figure 4.3.13

Percentile increase in the square cross- section dimension of a column to equate the un-cracked first order to the cracked second order lateral deflections with respect to story for all buildings

CHAPTER 5

CONCLUSIONS AND RECOMMENDATIONS

5.1 CONCLUSIONS:

Conclusions are drawn with reference to the set of graphs developed for each building; the conclusions are addressed and compared to the ACI Code recommendations in three main aspects (non-sway moment magnification factor, sway moment magnification factor and cracked/un-cracked analysis results).

From the braced stories graphs set, it can be concluded that ACI code non-sway modification factor is always less than the actual difference in moments between the first order and the second order analyses. ACI permits a 5% difference from the first order to the second order moments and according to ACI, the second order analysis must be performed if the difference exceeds 5%. That means, second order analysis must be performed for the 24 ft, 30 ft and 36 ft story height buildings, this can be seen from figures 4.3.11, 4.3.8 and 4.3.5. All of the buildings except the 18 ft story height have a moment's difference more than the ACI code 5% limit.

The value of the ACI Code non-sway moment magnification factor is calculated using the ACI equation:

$$\delta_{ns} = \frac{C_m}{P} \geq 1.0 \quad (10-9)$$
$$1 - \frac{P}{0.75P_c}$$

The (0.75) factor, according to ACI Code:

R10.12.3 — The ϕ -factors used in the design of slender columns represent two different sources of variability. First, the stiffness reduction ϕ -factors in the magnifier equations in the 1989 and earlier codes were intended to account for the variability in the stiffness EI and the moment magnification analysis. Second, the variability of the strength of the cross section is accounted for by strength reduction ϕ -factors of 0.70 for tied columns and 0.75 for spiral columns. Studies reported in Reference 10.35 indicate that the stiffness reduction factor ϕ_K , and the cross-sectional strength reduction ϕ -factors do not have the same values, contrary to the assumption in the 1989 and earlier codes. These studies suggest the stiffness reduction factor ϕ_K for an isolated column should be 0.75 for both tied and spiral columns. The 0.75 factors in Eq. (10-9) and (10-18) are stiffness reduction factors ϕ_K and replace the ϕ -factors in these equations in the 1989 and earlier codes. This has been done to avoid confusion between a stiffness reduction factor ϕ_K in Eq. (10-9) and (10-18), and the cross-sectional strength reduction ϕ -factors.

In the 1989 and earlier codes, the moment magnifier equations for δ_b and δ_s included a stiffness reduction factor ϕ_K to cover the variability in the stability calculation. The second-order analysis method is based on the values of E and I from 10.11.1. These lead to a 20 to 25 percent overestimation of the lateral deflections that corresponds to a stiffness reduction factor ϕ_K between 0.80 and 0.85 on the PA moments. No additional ϕ -factor is needed in the stability calculation. Once the moments are established, selection of the cross sections of the columns involves the strength reduction factors ϕ from 9.3.2.2.

Based on the results of this research, we can recommend using lower values for the stiffness reduction factor for the non-sway moment magnification factor in *ACI* equation (10-9). It will be more reasonable to use (I_{cr}/I_g) ratio, which is actually the stiffness reduction factor, instead of using the (0.75) value. That is due to the variation in the amount of cracking in the structural element in each story.

Referring to figure 4.3.13, this research shows that till about two-third of the building height, the extent of cracking in the structural elements is about 0.42 and after that (the rest of the upper stories) the amount of cracking starts to decrease to about 0.8.

In the ACI code equations, the stiffness reduction factor used for calculating the non-sway and sway moment magnification factors is the same (0.75). A conclusion can be drawn based on the results this research, the value of the stiffness reduction factor in calculating the non-way moment's modification factor should be around 0.42 till the second third of the building height. For the rest of the building a value of 0.8 can be used.

From figures 4.3.1, 4.3.4, 4.3.7 and 4.3.10, for the two values of the sway moment magnification factor ACI recommends to use:

$$\delta_s M_s = \frac{M_s}{1-Q} \geq M_s \quad (10-17)$$

$$\delta_s M_s = \frac{M_s}{1 - \frac{\Sigma P_u}{0.75 \Sigma P_c}} \geq M_s \quad (10-18)$$

The actual difference in sway moments between the first order and the second order analyses results shows that ACI equation (10-17) is more accurate to be used in calculating the sway moment's magnifier factor.

The conclusion is a cutoff point should be set between the use of equations (10-17) and (10-18). Equation (10-18) can be used for structures containing lateral forces resisting systems (shear walls, braces, etc) and the value of the stiffness reduction factor in equation (10-18) should vary with respect to the story in interest, as suggested earlier.

Equation (10-17) can be used for braced or sway structures, from the graphs it can be seen that for a slenderness ratio greater than 22 equation (10-17) is the most accurate in calculating the sway moment magnification factor.

In the second part of this investigation, using cracked sections in the second order analysis, graphs were drawn to find out how much the sections should be increased to get

the same lateral deflection of the first order un-cracked analysis. The percentage increase was shown for each story for the three buildings. The maximum increase is about 30% and the minimum is around 15%.

It can be concluded that the critical stories in a building are till the second third of the building height. In other words, the first two thirds of a building height should be analyzed using the cracked moment of inertia (modified stiffnesses), since they are most critically affected by lateral deflections of the building. The remaining stories could be analyzed using un-cracked sections (full stiffnesses).

5.2 RECOMMENDATIONS FOR FUTURE STUDY:

During the work on this investigation, a set of assumptions were made to simplify the procedure of analysis and design. These simplifications can be investigated further as follows:

First, the building configuration used in this research, one bay by one bay. More complicated configurations can be investigated to add more variation in the results.

Second, all the columns in each building have square cross sections. Other sections can be investigated for columns; this may lead to more specific results regarding other types of cross sections.

Third, no bracing systems (shearwalls, braces...etc) were considered in the buildings. Further investigations can be done for buildings containing lateral loads resisting systems.

Fourth, only 30 story buildings were investigated. Different number of stories can be studied to understand the behavior of buildings having more or less number of stories.

REFERENCES:

- 1) ACI Committee 318, 2002, "Building Code Requirements for Structural Concrete (ACI 318-02) and Commentary (318R-02)," American Concrete Institute, Farmington Hills, Mich., 443pp.
- 2) American Institute of steel Construction, 1993, "Load Resistance Factor Design Specification for Structural Steel Buildings," Chicago, Ill.
- 3) Columns as a Part of a Rectangular Frame," ACI Journal, *Proceedings* V. 61, No. 5, May pp. 563-587.
- 4) Ferguson, P. M., and Breen, J. E., 1996, "Investigation of the Long Column in a Frame Subject to Lateral Loads," *Reinforced Concrete Columns*, SP-13, American Concrete Institute, Farmington Hills, Mich. Pp. 75-119.

APPENDIX

Story	Load	Loc (in)	P (kips)	V2 (kips)	M3 (kips-in)
STORY30	DEAD	0.000	-66.326	-0.669	-95.505
STORY30	DEAD	119.000	-62.979	-0.669	-15.887
STORY30	DEAD	238.000	-59.633	-0.669	63.731
STORY30	LIVE	0.000	-11.520	-0.180	-25.657
STORY30	LIVE	119.000	-11.520	-0.180	-4.268
STORY30	LIVE	238.000	-11.520	-0.180	17.121
STORY30	WIND	0.000	5.850	5.820	830.666
STORY30	WIND	119.000	5.850	5.820	138.105
STORY30	WIND	238.000	5.850	5.820	-554.456
STORY29	DEAD	0.000	-132.652	-0.631	-89.811
STORY29	DEAD	119.000	-129.305	-0.631	-14.750
STORY29	DEAD	238.000	-125.959	-0.631	60.311
STORY29	LIVE	0.000	-23.040	-0.169	-24.128
STORY29	LIVE	119.000	-23.040	-0.169	-3.963
STORY29	LIVE	238.000	-23.040	-0.169	16.203
STORY29	WIND	0.000	29.032	17.398	2499.415
STORY29	WIND	119.000	29.032	17.398	429.083
STORY29	WIND	238.000	29.032	17.398	-1641.248
STORY28	DEAD	0.000	-200.878	-1.423	-202.660
STORY28	DEAD	119.000	-196.746	-1.423	-33.371
STORY28	DEAD	238.000	-192.614	-1.423	135.919
STORY28	LIVE	0.000	-34.560	-0.382	-54.445
STORY28	LIVE	119.000	-34.560	-0.382	-8.965
STORY28	LIVE	238.000	-34.560	-0.382	36.515
STORY28	WIND	0.000	75.297	28.874	4148.424
STORY28	WIND	119.000	75.297	28.874	712.437
STORY28	WIND	238.000	75.297	28.874	-2723.551
STORY27	DEAD	0.000	-269.104	-1.309	-185.248
STORY27	DEAD	119.000	-264.972	-1.309	-29.423
STORY27	DEAD	238.000	-260.840	-1.309	126.401
STORY27	LIVE	0.000	-46.080	-0.352	-49.767
STORY27	LIVE	119.000	-46.080	-0.352	-7.905
STORY27	LIVE	238.000	-46.080	-0.352	33.958
STORY27	WIND	0.000	144.272	40.252	5802.874
STORY27	WIND	119.000	144.272	40.252	1012.945
STORY27	WIND	238.000	144.272	40.252	-3776.984
STORY26	DEAD	0.000	-341.729	-2.436	-344.711
STORY26	DEAD	119.000	-335.779	-2.436	-54.868
STORY26	DEAD	238.000	-329.830	-2.436	234.976
STORY26	LIVE	0.000	-57.600	-0.654	-92.607
STORY26	LIVE	119.000	-57.600	-0.654	-14.740
STORY26	LIVE	238.000	-57.600	-0.654	63.126
STORY26	WIND	0.000	235.870	51.519	7442.750
STORY26	WIND	119.000	235.870	51.519	1312.001
STORY26	WIND	238.000	235.870	51.519	-4818.747
STORY25	DEAD	0.000	-414.355	-2.245	-320.026

STORY25	DEAD	119.000	-408.405	-2.245	-52.836
STORY25	DEAD	238.000	-402.455	-2.245	214.354
STORY25	LIVE	0.000	-69.120	-0.603	-85.975
STORY25	LIVE	119.000	-69.120	-0.603	-14.194
STORY25	LIVE	238.000	-69.120	-0.603	57.586
STORY25	WIND	0.000	349.743	62.686	9089.242
STORY25	WIND	119.000	349.743	62.686	1629.576
STORY25	WIND	238.000	349.743	62.686	-5830.089
STORY24	DEAD	0.000	-489.480	-2.901	-413.326
STORY24	DEAD	119.000	-482.497	-2.901	-68.145
STORY24	DEAD	238.000	-475.515	-2.901	277.036
STORY24	LIVE	0.000	-80.640	-0.779	-111.040
STORY24	LIVE	119.000	-80.640	-0.779	-18.307
STORY24	LIVE	238.000	-80.640	-0.779	74.426
STORY24	WIND	0.000	485.710	73.738	10734.270
STORY24	WIND	119.000	485.710	73.738	1959.476
STORY24	WIND	238.000	485.710	73.738	-6815.323
STORY23	DEAD	0.000	-564.605	-2.728	-388.667
STORY23	DEAD	119.000	-557.623	-2.728	-64.068
STORY23	DEAD	238.000	-550.640	-2.728	260.531
STORY23	LIVE	0.000	-92.160	-0.733	-104.416
STORY23	LIVE	119.000	-92.160	-0.733	-17.212
STORY23	LIVE	238.000	-92.160	-0.733	69.992
STORY23	WIND	0.000	643.585	84.683	12373.550
STORY23	WIND	119.000	643.585	84.683	2296.248
STORY23	WIND	238.000	643.585	84.683	-7781.054
STORY22	DEAD	0.000	-642.431	-3.286	-460.528
STORY22	DEAD	119.000	-634.333	-3.286	-69.484
STORY22	DEAD	238.000	-626.234	-3.286	321.560
STORY22	LIVE	0.000	-103.680	-0.883	-123.721
STORY22	LIVE	119.000	-103.680	-0.883	-18.667
STORY22	LIVE	238.000	-103.680	-0.883	86.387
STORY22	WIND	0.000	822.951	95.502	14029.120
STORY22	WIND	119.000	822.951	95.502	2664.336
STORY22	WIND	238.000	822.951	95.502	-8700.447
STORY21	DEAD	0.000	-723.156	-3.852	-548.468
STORY21	DEAD	119.000	-713.859	-3.852	-90.122
STORY21	DEAD	238.000	-704.563	-3.852	368.223
STORY21	LIVE	0.000	-115.200	-1.035	-147.346
STORY21	LIVE	119.000	-115.200	-1.035	-24.211
STORY21	LIVE	238.000	-115.200	-1.035	98.923
STORY21	WIND	0.000	1023.563	106.197	15697.870
STORY21	WIND	119.000	1023.563	106.197	3060.485
STORY21	WIND	238.000	1023.563	106.197	-9576.903
STORY20	DEAD	0.000	-803.881	-3.626	-517.070
STORY20	DEAD	119.000	-794.584	-3.626	-85.621
STORY20	DEAD	238.000	-785.288	-3.626	345.828

STORY20	LIVE	0.000	-126.720	-0.974	-138.911
STORY20	LIVE	119.000	-126.720	-0.974	-23.002
STORY20	LIVE	238.000	-126.720	-0.974	92.907
STORY20	WIND	0.000	1245.454	116.781	17342.880
STORY20	WIND	119.000	1245.454	116.781	3445.924
STORY20	WIND	238.000	1245.454	116.781	-10451.030
STORY19	DEAD	0.000	-887.705	-3.996	-548.259
STORY19	DEAD	119.000	-877.128	-3.996	-72.712
STORY19	DEAD	238.000	-866.551	-3.996	402.835
STORY19	LIVE	0.000	-138.240	-1.074	-147.290
STORY19	LIVE	119.000	-138.240	-1.074	-19.534
STORY19	LIVE	238.000	-138.240	-1.074	108.222
STORY19	WIND	0.000	1487.728	127.216	19047.290
STORY19	WIND	119.000	1487.728	127.216	3908.557
STORY19	WIND	238.000	1487.728	127.216	-11230.180
STORY18	DEAD	0.000	-978.330	-5.132	-721.730
STORY18	DEAD	119.000	-964.943	-5.132	-111.070
STORY18	DEAD	238.000	-951.557	-5.132	499.590
STORY18	LIVE	0.000	-149.760	-1.379	-193.893
STORY18	LIVE	119.000	-149.760	-1.379	-29.839
STORY18	LIVE	238.000	-149.760	-1.379	134.215
STORY18	WIND	0.000	1749.705	137.470	20847.700
STORY18	WIND	119.000	1749.705	137.470	4488.725
STORY18	WIND	238.000	1749.705	137.470	-11870.250
STORY17	DEAD	0.000	-1068.954	-4.428	-619.603
STORY17	DEAD	119.000	-1055.568	-4.428	-92.645
STORY17	DEAD	238.000	-1042.181	-4.428	434.314
STORY17	LIVE	0.000	-161.280	-1.190	-166.457
STORY17	LIVE	119.000	-161.280	-1.190	-24.889
STORY17	LIVE	238.000	-161.280	-1.190	116.679
STORY17	WIND	0.000	2032.553	147.661	22558.210
STORY17	WIND	119.000	2032.553	147.661	4986.564
STORY17	WIND	238.000	2032.553	147.661	-12585.090
STORY16	DEAD	0.000	-1167.178	-5.608	-780.697
STORY16	DEAD	119.000	-1150.651	-5.608	-113.331
STORY16	DEAD	238.000	-1134.125	-5.608	554.036
STORY16	LIVE	0.000	-172.800	-1.507	-209.735
STORY16	LIVE	119.000	-172.800	-1.507	-30.446
STORY16	LIVE	238.000	-172.800	-1.507	148.842
STORY16	WIND	0.000	2333.716	157.581	24459.700
STORY16	WIND	119.000	2333.716	157.581	5707.589
STORY16	WIND	238.000	2333.716	157.581	-13044.520
STORY15	DEAD	0.000	-1265.402	-5.259	-766.487
STORY15	DEAD	119.000	-1248.875	-5.259	-140.662
STORY15	DEAD	238.000	-1232.349	-5.259	485.164
STORY15	LIVE	0.000	-184.320	-1.413	-205.917
STORY15	LIVE	119.000	-184.320	-1.413	-37.789

STORY15	LIVE	238.000	-184.320	-1.413	130.340
STORY15	WIND	0.000	2655.446	167.443	26206.720
STORY15	WIND	119.000	2655.446	167.443	6280.972
STORY15	WIND	238.000	2655.446	167.443	-13644.780
STORY14	DEAD	0.000	-1363.626	-4.941	-686.130
STORY14	DEAD	119.000	-1347.099	-4.941	-98.196
STORY14	DEAD	238.000	-1330.572	-4.941	489.737
STORY14	LIVE	0.000	-195.840	-1.327	-184.334
STORY14	LIVE	119.000	-195.840	-1.327	-26.383
STORY14	LIVE	238.000	-195.840	-1.327	131.569
STORY14	WIND	0.000	2996.220	177.148	27973.630
STORY14	WIND	119.000	2996.220	177.148	6893.083
STORY14	WIND	238.000	2996.220	177.148	-14187.460
STORY13	DEAD	0.000	-1470.249	-6.016	-845.089
STORY13	DEAD	119.000	-1450.252	-6.016	-129.163
STORY13	DEAD	238.000	-1430.255	-6.016	586.763
STORY13	LIVE	0.000	-207.360	-1.616	-227.003
STORY13	LIVE	119.000	-207.360	-1.616	-34.685
STORY13	LIVE	238.000	-207.360	-1.616	157.632
STORY13	WIND	0.000	3352.998	186.459	30058.060
STORY13	WIND	119.000	3352.998	186.459	7869.419
STORY13	WIND	238.000	3352.998	186.459	-14319.220
STORY12	DEAD	0.000	-1576.872	-5.196	-727.393
STORY12	DEAD	119.000	-1556.875	-5.196	-109.104
STORY12	DEAD	238.000	-1536.878	-5.196	509.185
STORY12	LIVE	0.000	-218.880	-1.397	-195.582
STORY12	LIVE	119.000	-218.880	-1.397	-29.387
STORY12	LIVE	238.000	-218.880	-1.397	136.807
STORY12	WIND	0.000	3729.166	195.801	31974.820
STORY12	WIND	119.000	3729.166	195.801	8674.538
STORY12	WIND	238.000	3729.166	195.801	-14625.740
STORY11	DEAD	0.000	-1692.694	-6.279	-882.220
STORY11	DEAD	119.000	-1668.896	-6.279	-134.984
STORY11	DEAD	238.000	-1645.098	-6.279	612.252
STORY11	LIVE	0.000	-230.400	-1.682	-236.002
STORY11	LIVE	119.000	-230.400	-1.682	-35.786
STORY11	LIVE	238.000	-230.400	-1.682	164.431
STORY11	WIND	0.000	4119.290	205.002	34463.370
STORY11	WIND	119.000	4119.290	205.002	10068.100
STORY11	WIND	238.000	4119.290	205.002	-14327.170
STORY10	DEAD	0.000	-1808.513	-5.395	-752.966
STORY10	DEAD	119.000	-1784.714	-5.395	-111.004
STORY10	DEAD	238.000	-1760.916	-5.395	530.959
STORY10	LIVE	0.000	-241.918	-1.472	-207.288
STORY10	LIVE	119.000	-241.918	-1.472	-32.147
STORY10	LIVE	238.000	-241.918	-1.472	142.994
STORY10	WIND	0.000	4522.587	211.923	36936.360

STORY10	WIND	119.000	4522.587	211.923	11717.490
STORY10	WIND	238.000	4522.587	211.923	-13501.370
STORY9	DEAD	0.000	-1934.313	-6.674	-959.145
STORY9	DEAD	119.000	-1906.382	-6.674	-164.949
STORY9	DEAD	238.000	-1878.452	-6.674	629.247
STORY9	LIVE	0.000	-253.431	-1.669	-229.258
STORY9	LIVE	119.000	-253.431	-1.669	-30.662
STORY9	LIVE	238.000	-253.431	-1.669	167.935
STORY9	WIND	0.000	4922.562	240.513	49061.390
STORY9	WIND	119.000	4922.562	240.513	20440.340
STORY9	WIND	238.000	4922.562	240.513	-8180.706
STORY8	DEAD	0.000	-2067.276	-6.476	-924.026
STORY8	DEAD	114.000	-2040.519	-6.476	-185.776
STORY8	DEAD	228.000	-2013.763	-6.476	552.473
STORY8	LIVE	0.000	-264.970	-1.452	-208.856
STORY8	LIVE	114.000	-264.970	-1.452	-43.273
STORY8	LIVE	228.000	-264.970	-1.452	122.310
STORY8	WIND	0.000	5458.718	249.547	45692.610
STORY8	WIND	114.000	5458.718	249.547	17244.210
STORY8	WIND	228.000	5458.718	249.547	-11204.180
STORY7	DEAD	0.000	-2205.498	-6.597	-913.200
STORY7	DEAD	114.000	-2176.644	-6.597	-161.105
STORY7	DEAD	228.000	-2147.790	-6.597	590.990
STORY7	LIVE	0.000	-276.482	-1.506	-208.095
STORY7	LIVE	114.000	-276.482	-1.506	-36.431
STORY7	LIVE	228.000	-276.482	-1.506	135.233
STORY7	WIND	0.000	5943.690	236.756	44302.780
STORY7	WIND	114.000	5943.690	236.756	17312.610
STORY7	WIND	228.000	5943.690	236.756	-9677.565
STORY6	DEAD	0.000	-2354.934	-7.116	-991.090
STORY6	DEAD	114.000	-2321.646	-7.116	-179.839
STORY6	DEAD	228.000	-2288.359	-7.116	631.412
STORY6	LIVE	0.000	-288.001	-1.624	-226.573
STORY6	LIVE	114.000	-288.001	-1.624	-41.461
STORY6	LIVE	228.000	-288.001	-1.624	143.650
STORY6	WIND	0.000	6417.734	248.415	47087.490
STORY6	WIND	114.000	6417.734	248.415	18768.180
STORY6	WIND	228.000	6417.734	248.415	-9551.133
STORY5	DEAD	0.000	-2510.273	-6.939	-975.553
STORY5	DEAD	114.000	-2474.650	-6.939	-184.521
STORY5	DEAD	228.000	-2439.028	-6.939	606.511
STORY5	LIVE	0.000	-299.520	-1.559	-217.291
STORY5	LIVE	114.000	-299.520	-1.559	-39.570
STORY5	LIVE	228.000	-299.520	-1.559	138.151
STORY5	WIND	0.000	6920.076	256.248	48195.830
STORY5	WIND	114.000	6920.076	256.248	18983.520
STORY5	WIND	228.000	6920.076	256.248	-10228.790

STORY4	DEAD	0.000	-2678.011	-6.839	-905.254
STORY4	DEAD	114.000	-2637.480	-6.839	-125.647
STORY4	DEAD	228.000	-2596.949	-6.839	653.959
STORY4	LIVE	0.000	-311.040	-1.673	-233.010
STORY4	LIVE	114.000	-311.040	-1.673	-42.269
STORY4	LIVE	228.000	-311.040	-1.673	148.472
STORY4	WIND	0.000	7486.163	264.499	42595.510
STORY4	WIND	114.000	7486.163	264.499	12442.660
STORY4	WIND	228.000	7486.163	264.499	-17710.200
STORY3	DEAD	0.000	-2851.823	-6.141	-849.906
STORY3	DEAD	119.000	-2804.061	-6.141	-119.121
STORY3	DEAD	238.000	-2756.299	-6.141	611.664
STORY3	LIVE	0.000	-322.560	-1.691	-230.805
STORY3	LIVE	119.000	-322.560	-1.691	-29.631
STORY3	LIVE	238.000	-322.560	-1.691	171.544
STORY3	WIND	0.000	7885.339	272.261	63358.860
STORY3	WIND	119.000	7885.339	272.261	30959.790
STORY3	WIND	238.000	7885.339	272.261	-1439.280
STORY2	DEAD	0.000	-3039.636	-6.855	-988.579
STORY2	DEAD	119.000	-2986.089	-6.855	-172.879
STORY2	DEAD	238.000	-2932.542	-6.855	642.821
STORY2	LIVE	0.000	-334.080	-1.831	-264.970
STORY2	LIVE	119.000	-334.080	-1.831	-47.030
STORY2	LIVE	238.000	-334.080	-1.831	170.910
STORY2	WIND	0.000	8265.627	279.335	88946.340
STORY2	WIND	119.000	8265.627	279.335	55705.430
STORY2	WIND	238.000	8265.627	279.335	22464.530
STORY1	DEAD	0.000	-3242.249	-4.198	-362.616
STORY1	DEAD	119.000	-3182.587	-4.198	136.975
STORY1	DEAD	238.000	-3122.926	-4.198	636.565
STORY1	LIVE	0.000	-345.600	-1.131	-97.666
STORY1	LIVE	119.000	-345.600	-1.131	36.892
STORY1	LIVE	238.000	-345.600	-1.131	171.450
STORY1	WIND	0.000	8525.666	285.845	133777.300
STORY1	WIND	119.000	8525.666	285.845	99761.670
STORY1	WIND	238.000	8525.666	285.845	65746.100
STORY30	DEAD	0.000	-66.326	-0.669	-95.505
STORY30	DEAD	119.000	-62.979	-0.669	-15.887
STORY30	DEAD	238.000	-59.633	-0.669	63.731
STORY30	LIVE	0.000	-11.520	-0.180	-25.657
STORY30	LIVE	119.000	-11.520	-0.180	-4.268
STORY30	LIVE	238.000	-11.520	-0.180	17.121
STORY30	WIND	0.000	5.895	5.823	831.138
STORY30	WIND	119.000	5.895	5.823	138.192
STORY30	WIND	238.000	5.895	5.823	-554.754
STORY29	DEAD	0.000	-132.652	-0.631	-89.811
STORY29	DEAD	119.000	-129.305	-0.631	-14.750

STORY29	DEAD	238.000	-125.959	-0.631	60.311
STORY29	LIVE	0.000	-23.040	-0.169	-24.128
STORY29	LIVE	119.000	-23.040	-0.169	-3.963
STORY29	LIVE	238.000	-23.040	-0.169	16.203
STORY29	WIND	0.000	29.134	17.401	2499.954
STORY29	WIND	119.000	29.134	17.401	429.189
STORY29	WIND	238.000	29.134	17.401	-1641.577
STORY28	DEAD	0.000	-200.878	-1.423	-202.660
STORY28	DEAD	119.000	-196.746	-1.423	-33.371
STORY28	DEAD	238.000	-192.614	-1.423	135.919
STORY28	LIVE	0.000	-34.560	-0.382	-54.445
STORY28	LIVE	119.000	-34.560	-0.382	-8.965
STORY28	LIVE	238.000	-34.560	-0.382	36.515
STORY28	WIND	0.000	75.475	28.884	4149.901
STORY28	WIND	119.000	75.475	28.884	712.717
STORY28	WIND	238.000	75.475	28.884	-2724.468
STORY27	DEAD	0.000	-269.104	-1.309	-185.248
STORY27	DEAD	119.000	-264.972	-1.309	-29.423
STORY27	DEAD	238.000	-260.840	-1.309	126.401
STORY27	LIVE	0.000	-46.080	-0.352	-49.767
STORY27	LIVE	119.000	-46.080	-0.352	-7.905
STORY27	LIVE	238.000	-46.080	-0.352	33.958
STORY27	WIND	0.000	144.549	40.263	5804.564
STORY27	WIND	119.000	144.549	40.263	1013.271
STORY27	WIND	238.000	144.549	40.263	-3778.022
STORY26	DEAD	0.000	-341.729	-2.436	-344.711
STORY26	DEAD	119.000	-335.779	-2.436	-54.868
STORY26	DEAD	238.000	-329.830	-2.436	234.976
STORY26	LIVE	0.000	-57.600	-0.654	-92.607
STORY26	LIVE	119.000	-57.600	-0.654	-14.740
STORY26	LIVE	238.000	-57.600	-0.654	63.126
STORY26	WIND	0.000	236.289	51.546	7446.715
STORY26	WIND	119.000	236.289	51.546	1312.757
STORY26	WIND	238.000	236.289	51.546	-4821.201
STORY25	DEAD	0.000	-414.355	-2.245	-320.026
STORY25	DEAD	119.000	-408.405	-2.245	-52.836
STORY25	DEAD	238.000	-402.455	-2.245	214.354
STORY25	LIVE	0.000	-69.120	-0.603	-85.975
STORY25	LIVE	119.000	-69.120	-0.603	-14.194
STORY25	LIVE	238.000	-69.120	-0.603	57.586
STORY25	WIND	0.000	350.351	62.718	9093.874
STORY25	WIND	119.000	350.351	62.718	1630.487
STORY25	WIND	238.000	350.351	62.718	-5832.899
STORY24	DEAD	0.000	-489.480	-2.901	-413.326
STORY24	DEAD	119.000	-482.497	-2.901	-68.145
STORY24	DEAD	238.000	-475.515	-2.901	277.036
STORY24	LIVE	0.000	-80.640	-0.779	-111.040

STORY24	LIVE	119.000	-80.640	-0.779	-18.307
STORY24	LIVE	238.000	-80.640	-0.779	74.426
STORY24	WIND	0.000	486.569	73.789	10741.810
STORY24	WIND	119.000	486.569	73.789	1960.957
STORY24	WIND	238.000	486.569	73.789	-6819.891
STORY23	DEAD	0.000	-564.605	-2.728	-388.667
STORY23	DEAD	119.000	-557.623	-2.728	-64.068
STORY23	DEAD	238.000	-550.640	-2.728	260.531
STORY23	LIVE	0.000	-92.160	-0.733	-104.416
STORY23	LIVE	119.000	-92.160	-0.733	-17.212
STORY23	LIVE	238.000	-92.160	-0.733	69.992
STORY23	WIND	0.000	644.771	84.744	12382.580
STORY23	WIND	119.000	644.771	84.744	2298.047
STORY23	WIND	238.000	644.771	84.744	-7786.491
STORY22	DEAD	0.000	-642.431	-3.286	-460.528
STORY22	DEAD	119.000	-634.333	-3.286	-69.484
STORY22	DEAD	238.000	-626.234	-3.286	321.560
STORY22	LIVE	0.000	-103.680	-0.883	-123.721
STORY22	LIVE	119.000	-103.680	-0.883	-18.667
STORY22	LIVE	238.000	-103.680	-0.883	86.387
STORY22	WIND	0.000	824.576	95.598	14043.190
STORY22	WIND	119.000	824.576	95.598	2667.040
STORY22	WIND	238.000	824.576	95.598	-8709.107
STORY21	DEAD	0.000	-723.156	-3.852	-548.468
STORY21	DEAD	119.000	-713.859	-3.852	-90.122
STORY21	DEAD	238.000	-704.563	-3.852	368.223
STORY21	LIVE	0.000	-115.200	-1.035	-147.346
STORY21	LIVE	119.000	-115.200	-1.035	-24.211
STORY21	LIVE	238.000	-115.200	-1.035	98.923
STORY21	WIND	0.000	1025.813	106.343	15719.540
STORY21	WIND	119.000	1025.813	106.343	3064.754
STORY21	WIND	238.000	1025.813	106.343	-9590.030
STORY20	DEAD	0.000	-803.881	-3.626	-517.070
STORY20	DEAD	119.000	-794.584	-3.626	-85.621
STORY20	DEAD	238.000	-785.288	-3.626	345.828
STORY20	LIVE	0.000	-126.720	-0.974	-138.911
STORY20	LIVE	119.000	-126.720	-0.974	-23.002
STORY20	LIVE	238.000	-126.720	-0.974	92.907
STORY20	WIND	0.000	1248.519	116.956	17368.910
STORY20	WIND	119.000	1248.519	116.956	3451.119
STORY20	WIND	238.000	1248.519	116.956	-10466.680
STORY19	DEAD	0.000	-887.705	-3.996	-548.259
STORY19	DEAD	119.000	-877.128	-3.996	-72.712
STORY19	DEAD	238.000	-866.551	-3.996	402.835
STORY19	LIVE	0.000	-138.240	-1.074	-147.290
STORY19	LIVE	119.000	-138.240	-1.074	-19.534
STORY19	LIVE	238.000	-138.240	-1.074	108.222

STORY19	WIND	0.000	1491.870	127.471	19084.380
STORY19	WIND	119.000	1491.870	127.471	3915.320
STORY19	WIND	238.000	1491.870	127.471	-11253.750
STORY18	DEAD	0.000	-978.330	-5.132	-721.730
STORY18	DEAD	119.000	-964.943	-5.132	-111.070
STORY18	DEAD	238.000	-951.557	-5.132	499.590
STORY18	LIVE	0.000	-149.760	-1.379	-193.893
STORY18	LIVE	119.000	-149.760	-1.379	-29.839
STORY18	LIVE	238.000	-149.760	-1.379	134.215
STORY18	WIND	0.000	1755.459	137.911	20912.310
STORY18	WIND	119.000	1755.459	137.911	4500.916
STORY18	WIND	238.000	1755.459	137.911	-11910.480
STORY17	DEAD	0.000	-1068.954	-4.428	-619.603
STORY17	DEAD	119.000	-1055.568	-4.428	-92.645
STORY17	DEAD	238.000	-1042.181	-4.428	434.314
STORY17	LIVE	0.000	-161.280	-1.190	-166.457
STORY17	LIVE	119.000	-161.280	-1.190	-24.889
STORY17	LIVE	238.000	-161.280	-1.190	116.679
STORY17	WIND	0.000	2040.427	148.149	22629.760
STORY17	WIND	119.000	2040.427	148.149	4999.994
STORY17	WIND	238.000	2040.427	148.149	-12629.770
STORY16	DEAD	0.000	-1167.178	-5.608	-780.697
STORY16	DEAD	119.000	-1150.651	-5.608	-113.331
STORY16	DEAD	238.000	-1134.125	-5.608	554.036
STORY16	LIVE	0.000	-172.800	-1.507	-209.735
STORY16	LIVE	119.000	-172.800	-1.507	-30.446
STORY16	LIVE	238.000	-172.800	-1.507	148.842
STORY16	WIND	0.000	2344.466	158.384	24576.880
STORY16	WIND	119.000	2344.466	158.384	5729.174
STORY16	WIND	238.000	2344.466	158.384	-13118.530
STORY15	DEAD	0.000	-1265.402	-5.259	-766.485
STORY15	DEAD	119.000	-1248.875	-5.259	-140.661
STORY15	DEAD	238.000	-1232.349	-5.259	485.164
STORY15	LIVE	0.000	-184.320	-1.413	-205.917
STORY15	LIVE	119.000	-184.320	-1.413	-37.789
STORY15	LIVE	238.000	-184.320	-1.413	130.340
STORY15	WIND	0.000	2669.967	168.391	26349.060
STORY15	WIND	119.000	2669.967	168.391	6310.500
STORY15	WIND	238.000	2669.967	168.391	-13728.060
STORY14	DEAD	0.000	-1363.626	-4.941	-686.142
STORY14	DEAD	119.000	-1347.099	-4.941	-98.202
STORY14	DEAD	238.000	-1330.572	-4.941	489.738
STORY14	LIVE	0.000	-195.840	-1.327	-184.333
STORY14	LIVE	119.000	-195.840	-1.327	-26.382
STORY14	LIVE	238.000	-195.840	-1.327	131.569
STORY14	WIND	0.000	3015.326	178.260	28136.390
STORY14	WIND	119.000	3015.326	178.260	6923.416

STORY14	WIND	238.000	3015.326	178.260	-14289.560
STORY13	DEAD	0.000	-1470.249	-6.016	-845.007
STORY13	DEAD	119.000	-1450.252	-6.016	-129.125
STORY13	DEAD	238.000	-1430.255	-6.016	586.757
STORY13	LIVE	0.000	-207.360	-1.616	-227.014
STORY13	LIVE	119.000	-207.360	-1.616	-34.690
STORY13	LIVE	238.000	-207.360	-1.616	157.633
STORY13	WIND	0.000	3378.294	188.212	30313.870
STORY13	WIND	119.000	3378.294	188.212	7916.615
STORY13	WIND	238.000	3378.294	188.212	-14480.640
STORY12	DEAD	0.000	-1576.873	-5.198	-727.843
STORY12	DEAD	119.000	-1556.875	-5.198	-109.309
STORY12	DEAD	238.000	-1536.878	-5.198	509.225
STORY12	LIVE	0.000	-218.880	-1.396	-195.520
STORY12	LIVE	119.000	-218.880	-1.396	-29.359
STORY12	LIVE	238.000	-218.880	-1.396	136.802
STORY12	WIND	0.000	3762.442	197.810	32271.510
STORY12	WIND	119.000	3762.442	197.810	8732.102
STORY12	WIND	238.000	3762.442	197.810	-14807.300
STORY11	DEAD	0.000	-1692.696	-6.267	-879.442
STORY11	DEAD	119.000	-1668.898	-6.267	-133.672
STORY11	DEAD	238.000	-1645.099	-6.267	612.099
STORY11	LIVE	0.000	-230.400	-1.684	-236.385
STORY11	LIVE	119.000	-230.400	-1.684	-35.966
STORY11	LIVE	238.000	-230.400	-1.684	164.453
STORY11	WIND	0.000	4162.534	207.207	34708.120
STORY11	WIND	119.000	4162.534	207.207	10050.480
STORY11	WIND	238.000	4162.534	207.207	-14607.170
STORY10	DEAD	0.000	-1808.523	-5.459	-767.122
STORY10	DEAD	119.000	-1784.725	-5.459	-117.556
STORY10	DEAD	238.000	-1760.926	-5.459	532.009
STORY10	LIVE	0.000	-241.922	-1.463	-205.358
STORY10	LIVE	119.000	-241.922	-1.463	-31.253
STORY10	LIVE	238.000	-241.922	-1.463	142.853
STORY10	WIND	0.000	4580.825	218.525	37895.390
STORY10	WIND	119.000	4580.825	218.525	11890.970
STORY10	WIND	238.000	4580.825	218.525	-14113.440
STORY9	DEAD	0.000	-1934.368	-6.316	-877.484
STORY9	DEAD	119.000	-1906.438	-6.316	-125.844
STORY9	DEAD	238.000	-1878.508	-6.316	625.796
STORY9	LIVE	0.000	-253.450	-1.718	-240.505
STORY9	LIVE	119.000	-253.450	-1.718	-36.039
STORY9	LIVE	238.000	-253.450	-1.718	168.428
STORY9	WIND	0.000	4984.345	207.791	39178.700
STORY9	WIND	119.000	4984.345	207.791	14451.610
STORY9	WIND	238.000	4984.345	207.791	-10275.480
STORY8	DEAD	0.000	-2060.174	-6.091	-897.416

STORY8	DEAD	119.000	-2032.243	-6.091	-172.540
STORY8	DEAD	238.000	-2004.313	-6.091	552.338
STORY8	LIVE	0.000	-264.950	-1.505	-212.536
STORY8	LIVE	119.000	-264.950	-1.505	-33.384
STORY8	LIVE	238.000	-264.950	-1.505	145.768
STORY8	WIND	0.000	5354.556	216.203	46166.760
STORY8	WIND	119.000	5354.556	216.203	20438.560
STORY8	WIND	238.000	5354.556	216.203	-5289.639
STORY7	DEAD	0.000	-2198.444	-6.676	-918.653
STORY7	DEAD	114.000	-2169.589	-6.676	-157.631
STORY7	DEAD	228.000	-2140.735	-6.676	603.392
STORY7	LIVE	0.000	-276.478	-1.495	-207.356
STORY7	LIVE	114.000	-276.478	-1.495	-36.907
STORY7	LIVE	228.000	-276.478	-1.495	133.542
STORY7	WIND	0.000	5848.986	246.001	45556.540
STORY7	WIND	114.000	5848.986	246.001	17512.460
STORY7	WIND	228.000	5848.986	246.001	-10531.610
STORY6	DEAD	0.000	-2347.899	-7.099	-989.984
STORY6	DEAD	114.000	-2314.612	-7.099	-180.664
STORY6	DEAD	228.000	-2281.325	-7.099	628.656
STORY6	LIVE	0.000	-287.999	-1.626	-226.728
STORY6	LIVE	114.000	-287.999	-1.626	-41.348
STORY6	LIVE	228.000	-287.999	-1.626	144.031
STORY6	WIND	0.000	6340.711	250.866	47494.000
STORY6	WIND	114.000	6340.711	250.866	18895.230
STORY6	WIND	228.000	6340.711	250.866	-9703.536
STORY5	DEAD	0.000	-2503.251	-6.943	-975.809
STORY5	DEAD	114.000	-2467.628	-6.943	-184.349
STORY5	DEAD	228.000	-2432.005	-6.943	607.112
STORY5	LIVE	0.000	-299.520	-1.558	-217.258
STORY5	LIVE	114.000	-299.520	-1.558	-39.594
STORY5	LIVE	228.000	-299.520	-1.558	138.070
STORY5	WIND	0.000	6854.013	259.026	48532.080
STORY5	WIND	114.000	6854.013	259.026	19003.160
STORY5	WIND	228.000	6854.013	259.026	-10525.760
STORY4	DEAD	0.000	-2671.002	-6.838	-905.216
STORY4	DEAD	114.000	-2630.471	-6.838	-125.692
STORY4	DEAD	228.000	-2589.940	-6.838	653.832
STORY4	LIVE	0.000	-311.040	-1.673	-233.017
STORY4	LIVE	114.000	-311.040	-1.673	-42.263
STORY4	LIVE	228.000	-311.040	-1.673	148.491
STORY4	WIND	0.000	7428.333	266.166	42745.370
STORY4	WIND	114.000	7428.333	266.166	12402.430
STORY4	WIND	228.000	7428.333	266.166	-17940.500
STORY3	DEAD	0.000	-2844.827	-6.141	-849.931
STORY3	DEAD	119.000	-2797.065	-6.141	-119.111
STORY3	DEAD	238.000	-2749.303	-6.141	611.709

STORY3	LIVE	0.000	-322.560	-1.691	-230.803
STORY3	LIVE	119.000	-322.560	-1.691	-29.632
STORY3	LIVE	238.000	-322.560	-1.691	171.539
STORY3	WIND	0.000	7831.847	273.092	63456.180
STORY3	WIND	119.000	7831.847	273.092	30958.220
STORY3	WIND	238.000	7831.847	273.092	-1539.748
STORY2	DEAD	0.000	-3032.651	-6.855	-988.587
STORY2	DEAD	119.000	-2979.105	-6.855	-172.883
STORY2	DEAD	238.000	-2925.558	-6.855	642.821
STORY2	LIVE	0.000	-334.080	-1.831	-264.970
STORY2	LIVE	119.000	-334.080	-1.831	-47.030
STORY2	LIVE	238.000	-334.080	-1.831	170.911
STORY2	WIND	0.000	8214.807	279.838	89002.780
STORY2	WIND	119.000	8214.807	279.838	55702.120
STORY2	WIND	238.000	8214.807	279.838	22401.460
STORY1	DEAD	0.000	-3235.273	-4.198	-362.620
STORY1	DEAD	119.000	-3175.611	-4.198	136.976
STORY1	DEAD	238.000	-3115.950	-4.198	636.573
STORY1	LIVE	0.000	-345.600	-1.131	-97.666
STORY1	LIVE	119.000	-345.600	-1.131	36.892
STORY1	LIVE	238.000	-345.600	-1.131	171.450
STORY1	WIND	0.000	8476.116	286.004	133790.400
STORY1	WIND	119.000	8476.116	286.004	99755.880
STORY1	WIND	238.000	8476.116	286.004	65721.380
STORY30	DEAD	0.000	-66.326	0.669	95.505
STORY30	DEAD	119.000	-62.979	0.669	15.887
STORY30	DEAD	238.000	-59.633	0.669	-63.731
STORY30	LIVE	0.000	-11.520	0.180	25.657
STORY30	LIVE	119.000	-11.520	0.180	4.268
STORY30	LIVE	238.000	-11.520	0.180	-17.121
STORY30	WIND	0.000	-5.850	5.820	830.666
STORY30	WIND	119.000	-5.850	5.820	138.105
STORY30	WIND	238.000	-5.850	5.820	-554.456
STORY29	DEAD	0.000	-132.652	0.631	89.811
STORY29	DEAD	119.000	-129.305	0.631	14.750
STORY29	DEAD	238.000	-125.959	0.631	-60.311
STORY29	LIVE	0.000	-23.040	0.169	24.128
STORY29	LIVE	119.000	-23.040	0.169	3.963
STORY29	LIVE	238.000	-23.040	0.169	-16.203
STORY29	WIND	0.000	-29.032	17.398	2499.415
STORY29	WIND	119.000	-29.032	17.398	429.083
STORY29	WIND	238.000	-29.032	17.398	-1641.248
STORY28	DEAD	0.000	-200.878	1.423	202.660
STORY28	DEAD	119.000	-196.746	1.423	33.371
STORY28	DEAD	238.000	-192.614	1.423	-135.919
STORY28	LIVE	0.000	-34.560	0.382	54.445
STORY28	LIVE	119.000	-34.560	0.382	8.965

STORY28	LIVE	238.000	-34.560	0.382	-36.515
STORY28	WIND	0.000	-75.297	28.874	4148.424
STORY28	WIND	119.000	-75.297	28.874	712.437
STORY28	WIND	238.000	-75.297	28.874	-2723.551
STORY27	DEAD	0.000	-269.104	1.309	185.248
STORY27	DEAD	119.000	-264.972	1.309	29.423
STORY27	DEAD	238.000	-260.840	1.309	-126.401
STORY27	LIVE	0.000	-46.080	0.352	49.767
STORY27	LIVE	119.000	-46.080	0.352	7.905
STORY27	LIVE	238.000	-46.080	0.352	-33.958
STORY27	WIND	0.000	-144.272	40.252	5802.874
STORY27	WIND	119.000	-144.272	40.252	1012.945
STORY27	WIND	238.000	-144.272	40.252	-3776.984
STORY26	DEAD	0.000	-341.729	2.436	344.711
STORY26	DEAD	119.000	-335.779	2.436	54.868
STORY26	DEAD	238.000	-329.830	2.436	-234.976
STORY26	LIVE	0.000	-57.600	0.654	92.607
STORY26	LIVE	119.000	-57.600	0.654	14.740
STORY26	LIVE	238.000	-57.600	0.654	-63.126
STORY26	WIND	0.000	-235.870	51.519	7442.750
STORY26	WIND	119.000	-235.870	51.519	1312.001
STORY26	WIND	238.000	-235.870	51.519	-4818.747
STORY25	DEAD	0.000	-414.355	2.245	320.026
STORY25	DEAD	119.000	-408.405	2.245	52.836
STORY25	DEAD	238.000	-402.455	2.245	-214.354
STORY25	LIVE	0.000	-69.120	0.603	85.975
STORY25	LIVE	119.000	-69.120	0.603	14.194
STORY25	LIVE	238.000	-69.120	0.603	-57.586
STORY25	WIND	0.000	-349.743	62.686	9089.242
STORY25	WIND	119.000	-349.743	62.686	1629.576
STORY25	WIND	238.000	-349.743	62.686	-5830.089
STORY24	DEAD	0.000	-489.480	2.901	413.326
STORY24	DEAD	119.000	-482.497	2.901	68.145
STORY24	DEAD	238.000	-475.515	2.901	-277.036
STORY24	LIVE	0.000	-80.640	0.779	111.040
STORY24	LIVE	119.000	-80.640	0.779	18.307
STORY24	LIVE	238.000	-80.640	0.779	-74.426
STORY24	WIND	0.000	-485.710	73.738	10734.270
STORY24	WIND	119.000	-485.710	73.738	1959.476
STORY24	WIND	238.000	-485.710	73.738	-6815.323
STORY23	DEAD	0.000	-564.605	2.728	388.667
STORY23	DEAD	119.000	-557.623	2.728	64.068
STORY23	DEAD	238.000	-550.640	2.728	-260.531
STORY23	LIVE	0.000	-92.160	0.733	104.416
STORY23	LIVE	119.000	-92.160	0.733	17.212
STORY23	LIVE	238.000	-92.160	0.733	-69.992
STORY23	WIND	0.000	-643.585	84.683	12373.550

STORY23	WIND	119.000	-643.585	84.683	2296.248
STORY23	WIND	238.000	-643.585	84.683	-7781.054
STORY22	DEAD	0.000	-642.431	3.286	460.528
STORY22	DEAD	119.000	-634.333	3.286	69.484
STORY22	DEAD	238.000	-626.234	3.286	-321.560
STORY22	LIVE	0.000	-103.680	0.883	123.721
STORY22	LIVE	119.000	-103.680	0.883	18.667
STORY22	LIVE	238.000	-103.680	0.883	-86.387
STORY22	WIND	0.000	-822.951	95.502	14029.120
STORY22	WIND	119.000	-822.951	95.502	2664.336
STORY22	WIND	238.000	-822.951	95.502	-8700.447
STORY21	DEAD	0.000	-723.156	3.852	548.468
STORY21	DEAD	119.000	-713.859	3.852	90.122
STORY21	DEAD	238.000	-704.563	3.852	-368.223
STORY21	LIVE	0.000	-115.200	1.035	147.346
STORY21	LIVE	119.000	-115.200	1.035	24.211
STORY21	LIVE	238.000	-115.200	1.035	-98.923
STORY21	WIND	0.000	-1023.563	106.197	15697.870
STORY21	WIND	119.000	-1023.563	106.197	3060.485
STORY21	WIND	238.000	-1023.563	106.197	-9576.903
STORY20	DEAD	0.000	-803.881	3.626	517.070
STORY20	DEAD	119.000	-794.584	3.626	85.621
STORY20	DEAD	238.000	-785.288	3.626	-345.828
STORY20	LIVE	0.000	-126.720	0.974	138.911
STORY20	LIVE	119.000	-126.720	0.974	23.002
STORY20	LIVE	238.000	-126.720	0.974	-92.907
STORY20	WIND	0.000	-1245.454	116.781	17342.880
STORY20	WIND	119.000	-1245.454	116.781	3445.924
STORY20	WIND	238.000	-1245.454	116.781	-10451.030
STORY19	DEAD	0.000	-887.705	3.996	548.259
STORY19	DEAD	119.000	-877.128	3.996	72.712
STORY19	DEAD	238.000	-866.551	3.996	-402.835
STORY19	LIVE	0.000	-138.240	1.074	147.290
STORY19	LIVE	119.000	-138.240	1.074	19.534
STORY19	LIVE	238.000	-138.240	1.074	-108.222
STORY19	WIND	0.000	-1487.728	127.216	19047.290
STORY19	WIND	119.000	-1487.728	127.216	3908.557
STORY19	WIND	238.000	-1487.728	127.216	-11230.180
STORY18	DEAD	0.000	-978.330	5.132	721.730
STORY18	DEAD	119.000	-964.943	5.132	111.070
STORY18	DEAD	238.000	-951.557	5.132	-499.590
STORY18	LIVE	0.000	-149.760	1.379	193.893
STORY18	LIVE	119.000	-149.760	1.379	29.839
STORY18	LIVE	238.000	-149.760	1.379	-134.215
STORY18	WIND	0.000	-1749.705	137.470	20847.700
STORY18	WIND	119.000	-1749.705	137.470	4488.725
STORY18	WIND	238.000	-1749.705	137.470	-11870.250

STORY17	DEAD	0.000	-1068.954	4.428	619.603
STORY17	DEAD	119.000	-1055.568	4.428	92.645
STORY17	DEAD	238.000	-1042.181	4.428	-434.314
STORY17	LIVE	0.000	-161.280	1.190	166.457
STORY17	LIVE	119.000	-161.280	1.190	24.889
STORY17	LIVE	238.000	-161.280	1.190	-116.679
STORY17	WIND	0.000	-2032.553	147.661	22558.210
STORY17	WIND	119.000	-2032.553	147.661	4986.564
STORY17	WIND	238.000	-2032.553	147.661	-12585.090
STORY16	DEAD	0.000	-1167.178	5.608	780.697
STORY16	DEAD	119.000	-1150.651	5.608	113.331
STORY16	DEAD	238.000	-1134.125	5.608	-554.036
STORY16	LIVE	0.000	-172.800	1.507	209.735
STORY16	LIVE	119.000	-172.800	1.507	30.446
STORY16	LIVE	238.000	-172.800	1.507	-148.842
STORY16	WIND	0.000	-2333.716	157.581	24459.700
STORY16	WIND	119.000	-2333.716	157.581	5707.589
STORY16	WIND	238.000	-2333.716	157.581	-13044.520
STORY15	DEAD	0.000	-1265.402	5.259	766.487
STORY15	DEAD	119.000	-1248.875	5.259	140.662
STORY15	DEAD	238.000	-1232.349	5.259	-485.164
STORY15	LIVE	0.000	-184.320	1.413	205.917
STORY15	LIVE	119.000	-184.320	1.413	37.789
STORY15	LIVE	238.000	-184.320	1.413	-130.340
STORY15	WIND	0.000	-2655.446	167.443	26206.720
STORY15	WIND	119.000	-2655.446	167.443	6280.972
STORY15	WIND	238.000	-2655.446	167.443	-13644.780
STORY14	DEAD	0.000	-1363.626	4.941	686.130
STORY14	DEAD	119.000	-1347.099	4.941	98.196
STORY14	DEAD	238.000	-1330.572	4.941	-489.737
STORY14	LIVE	0.000	-195.840	1.327	184.334
STORY14	LIVE	119.000	-195.840	1.327	26.383
STORY14	LIVE	238.000	-195.840	1.327	-131.569
STORY14	WIND	0.000	-2996.220	177.148	27973.630
STORY14	WIND	119.000	-2996.220	177.148	6893.083
STORY14	WIND	238.000	-2996.220	177.148	-14187.460
STORY13	DEAD	0.000	-1470.249	6.016	845.089
STORY13	DEAD	119.000	-1450.252	6.016	129.163
STORY13	DEAD	238.000	-1430.255	6.016	-586.763
STORY13	LIVE	0.000	-207.360	1.616	227.003
STORY13	LIVE	119.000	-207.360	1.616	34.685
STORY13	LIVE	238.000	-207.360	1.616	-157.632
STORY13	WIND	0.000	-3352.998	186.459	30058.060
STORY13	WIND	119.000	-3352.998	186.459	7869.419
STORY13	WIND	238.000	-3352.998	186.459	-14319.220
STORY12	DEAD	0.000	-1576.872	5.196	727.393
STORY12	DEAD	119.000	-1556.875	5.196	109.104

STORY12	DEAD	238.000	-1536.878	5.196	-509.185
STORY12	LIVE	0.000	-218.880	1.397	195.582
STORY12	LIVE	119.000	-218.880	1.397	29.387
STORY12	LIVE	238.000	-218.880	1.397	-136.807
STORY12	WIND	0.000	-3729.166	195.801	31974.820
STORY12	WIND	119.000	-3729.166	195.801	8674.538
STORY12	WIND	238.000	-3729.166	195.801	-14625.740
STORY11	DEAD	0.000	-1692.694	6.279	882.220
STORY11	DEAD	119.000	-1668.896	6.279	134.984
STORY11	DEAD	238.000	-1645.098	6.279	-612.252
STORY11	LIVE	0.000	-230.400	1.682	236.002
STORY11	LIVE	119.000	-230.400	1.682	35.786
STORY11	LIVE	238.000	-230.400	1.682	-164.431
STORY11	WIND	0.000	-4119.290	205.002	34463.370
STORY11	WIND	119.000	-4119.290	205.002	10068.100
STORY11	WIND	238.000	-4119.290	205.002	-14327.170
STORY10	DEAD	0.000	-1808.513	5.395	752.966
STORY10	DEAD	119.000	-1784.714	5.395	111.004
STORY10	DEAD	238.000	-1760.916	5.395	-530.959
STORY10	LIVE	0.000	-241.918	1.472	207.288
STORY10	LIVE	119.000	-241.918	1.472	32.147
STORY10	LIVE	238.000	-241.918	1.472	-142.994
STORY10	WIND	0.000	-4522.587	211.923	36936.360
STORY10	WIND	119.000	-4522.587	211.923	11717.490
STORY10	WIND	238.000	-4522.587	211.923	-13501.370
STORY9	DEAD	0.000	-1934.313	6.674	959.145
STORY9	DEAD	119.000	-1906.382	6.674	164.949
STORY9	DEAD	238.000	-1878.452	6.674	-629.247
STORY9	LIVE	0.000	-253.431	1.669	229.258
STORY9	LIVE	119.000	-253.431	1.669	30.662
STORY9	LIVE	238.000	-253.431	1.669	-167.935
STORY9	WIND	0.000	-4922.562	240.513	49061.390
STORY9	WIND	119.000	-4922.562	240.513	20440.340
STORY9	WIND	238.000	-4922.562	240.513	-8180.706
STORY8	DEAD	0.000	-2067.276	6.476	924.026
STORY8	DEAD	114.000	-2040.519	6.476	185.776
STORY8	DEAD	228.000	-2013.763	6.476	-552.473
STORY8	LIVE	0.000	-264.970	1.452	208.856
STORY8	LIVE	114.000	-264.970	1.452	43.273
STORY8	LIVE	228.000	-264.970	1.452	-122.310
STORY8	WIND	0.000	-5458.718	249.547	45692.610
STORY8	WIND	114.000	-5458.718	249.547	17244.210
STORY8	WIND	228.000	-5458.718	249.547	-11204.180
STORY7	DEAD	0.000	-2205.498	6.597	913.200
STORY7	DEAD	114.000	-2176.644	6.597	161.105
STORY7	DEAD	228.000	-2147.790	6.597	-590.990
STORY7	LIVE	0.000	-276.482	1.506	208.095

STORY7	LIVE	114.000	-276.482	1.506	36.431
STORY7	LIVE	228.000	-276.482	1.506	-135.233
STORY7	WIND	0.000	-5943.690	236.756	44302.780
STORY7	WIND	114.000	-5943.690	236.756	17312.610
STORY7	WIND	228.000	-5943.690	236.756	-9677.565
STORY6	DEAD	0.000	-2354.934	7.116	991.090
STORY6	DEAD	114.000	-2321.646	7.116	179.839
STORY6	DEAD	228.000	-2288.359	7.116	-631.412
STORY6	LIVE	0.000	-288.001	1.624	226.573
STORY6	LIVE	114.000	-288.001	1.624	41.461
STORY6	LIVE	228.000	-288.001	1.624	-143.650
STORY6	WIND	0.000	-6417.734	248.415	47087.490
STORY6	WIND	114.000	-6417.734	248.415	18768.180
STORY6	WIND	228.000	-6417.734	248.415	-9551.133
STORY5	DEAD	0.000	-2510.273	6.939	975.553
STORY5	DEAD	114.000	-2474.650	6.939	184.521
STORY5	DEAD	228.000	-2439.028	6.939	-606.511
STORY5	LIVE	0.000	-299.520	1.559	217.291
STORY5	LIVE	114.000	-299.520	1.559	39.570
STORY5	LIVE	228.000	-299.520	1.559	-138.151
STORY5	WIND	0.000	-6920.076	256.248	48195.830
STORY5	WIND	114.000	-6920.076	256.248	18983.520
STORY5	WIND	228.000	-6920.076	256.248	-10228.790
STORY4	DEAD	0.000	-2678.011	6.839	905.254
STORY4	DEAD	114.000	-2637.480	6.839	125.647
STORY4	DEAD	228.000	-2596.949	6.839	-653.959
STORY4	LIVE	0.000	-311.040	1.673	233.010
STORY4	LIVE	114.000	-311.040	1.673	42.269
STORY4	LIVE	228.000	-311.040	1.673	-148.472
STORY4	WIND	0.000	-7486.163	264.499	42595.510
STORY4	WIND	114.000	-7486.163	264.499	12442.660
STORY4	WIND	228.000	-7486.163	264.499	-17710.200
STORY3	DEAD	0.000	-2851.823	6.141	849.906
STORY3	DEAD	119.000	-2804.061	6.141	119.121
STORY3	DEAD	238.000	-2756.299	6.141	-611.664
STORY3	LIVE	0.000	-322.560	1.691	230.805
STORY3	LIVE	119.000	-322.560	1.691	29.631
STORY3	LIVE	238.000	-322.560	1.691	-171.544
STORY3	WIND	0.000	-7885.339	272.261	63358.860
STORY3	WIND	119.000	-7885.339	272.261	30959.790
STORY3	WIND	238.000	-7885.339	272.261	-1439.280
STORY2	DEAD	0.000	-3039.636	6.855	988.579
STORY2	DEAD	119.000	-2986.089	6.855	172.879
STORY2	DEAD	238.000	-2932.542	6.855	-642.821
STORY2	LIVE	0.000	-334.080	1.831	264.970
STORY2	LIVE	119.000	-334.080	1.831	47.030
STORY2	LIVE	238.000	-334.080	1.831	-170.910

STORY2	WIND	0.000	-8265.627	279.335	88946.340
STORY2	WIND	119.000	-8265.627	279.335	55705.430
STORY2	WIND	238.000	-8265.627	279.335	22464.530
STORY1	DEAD	0.000	-3242.249	4.198	362.616
STORY1	DEAD	119.000	-3182.587	4.198	-136.975
STORY1	DEAD	238.000	-3122.926	4.198	-636.565
STORY1	LIVE	0.000	-345.600	1.131	97.666
STORY1	LIVE	119.000	-345.600	1.131	-36.892
STORY1	LIVE	238.000	-345.600	1.131	-171.450
STORY1	WIND	0.000	-8525.666	285.845	133777.300
STORY1	WIND	119.000	-8525.666	285.845	99761.670
STORY1	WIND	238.000	-8525.666	285.845	65746.100
STORY30	DEAD	0.000	-66.326	0.669	95.505
STORY30	DEAD	119.000	-62.979	0.669	15.887
STORY30	DEAD	238.000	-59.633	0.669	-63.731
STORY30	LIVE	0.000	-11.520	0.180	25.657
STORY30	LIVE	119.000	-11.520	0.180	4.268
STORY30	LIVE	238.000	-11.520	0.180	-17.121
STORY30	WIND	0.000	-5.895	5.823	831.138
STORY30	WIND	119.000	-5.895	5.823	138.192
STORY30	WIND	238.000	-5.895	5.823	-554.754
STORY29	DEAD	0.000	-132.652	0.631	89.811
STORY29	DEAD	119.000	-129.305	0.631	14.750
STORY29	DEAD	238.000	-125.959	0.631	-60.311
STORY29	LIVE	0.000	-23.040	0.169	24.128
STORY29	LIVE	119.000	-23.040	0.169	3.963
STORY29	LIVE	238.000	-23.040	0.169	-16.203
STORY29	WIND	0.000	-29.134	17.401	2499.954
STORY29	WIND	119.000	-29.134	17.401	429.189
STORY29	WIND	238.000	-29.134	17.401	-1641.577
STORY28	DEAD	0.000	-200.878	1.423	202.660
STORY28	DEAD	119.000	-196.746	1.423	33.371
STORY28	DEAD	238.000	-192.614	1.423	-135.919
STORY28	LIVE	0.000	-34.560	0.382	54.445
STORY28	LIVE	119.000	-34.560	0.382	8.965
STORY28	LIVE	238.000	-34.560	0.382	-36.515
STORY28	WIND	0.000	-75.475	28.884	4149.901
STORY28	WIND	119.000	-75.475	28.884	712.717
STORY28	WIND	238.000	-75.475	28.884	-2724.468
STORY27	DEAD	0.000	-269.104	1.309	185.248
STORY27	DEAD	119.000	-264.972	1.309	29.423
STORY27	DEAD	238.000	-260.840	1.309	-126.401
STORY27	LIVE	0.000	-46.080	0.352	49.767
STORY27	LIVE	119.000	-46.080	0.352	7.905
STORY27	LIVE	238.000	-46.080	0.352	-33.958
STORY27	WIND	0.000	-144.549	40.263	5804.564
STORY27	WIND	119.000	-144.549	40.263	1013.271

STORY27	WIND	238.000	-144.549	40.263	-3778.022
STORY26	DEAD	0.000	-341.729	2.436	344.711
STORY26	DEAD	119.000	-335.779	2.436	54.868
STORY26	DEAD	238.000	-329.830	2.436	-234.976
STORY26	LIVE	0.000	-57.600	0.654	92.607
STORY26	LIVE	119.000	-57.600	0.654	14.740
STORY26	LIVE	238.000	-57.600	0.654	-63.126
STORY26	WIND	0.000	-236.289	51.546	7446.715
STORY26	WIND	119.000	-236.289	51.546	1312.757
STORY26	WIND	238.000	-236.289	51.546	-4821.201
STORY25	DEAD	0.000	-414.355	2.245	320.026
STORY25	DEAD	119.000	-408.405	2.245	52.836
STORY25	DEAD	238.000	-402.455	2.245	-214.354
STORY25	LIVE	0.000	-69.120	0.603	85.975
STORY25	LIVE	119.000	-69.120	0.603	14.194
STORY25	LIVE	238.000	-69.120	0.603	-57.586
STORY25	WIND	0.000	-350.351	62.718	9093.874
STORY25	WIND	119.000	-350.351	62.718	1630.487
STORY25	WIND	238.000	-350.351	62.718	-5832.899
STORY24	DEAD	0.000	-489.480	2.901	413.326
STORY24	DEAD	119.000	-482.497	2.901	68.145
STORY24	DEAD	238.000	-475.515	2.901	-277.036
STORY24	LIVE	0.000	-80.640	0.779	111.040
STORY24	LIVE	119.000	-80.640	0.779	18.307
STORY24	LIVE	238.000	-80.640	0.779	-74.426
STORY24	WIND	0.000	-486.569	73.789	10741.810
STORY24	WIND	119.000	-486.569	73.789	1960.957
STORY24	WIND	238.000	-486.569	73.789	-6819.891
STORY23	DEAD	0.000	-564.605	2.728	388.667
STORY23	DEAD	119.000	-557.623	2.728	64.068
STORY23	DEAD	238.000	-550.640	2.728	-260.531
STORY23	LIVE	0.000	-92.160	0.733	104.416
STORY23	LIVE	119.000	-92.160	0.733	17.212
STORY23	LIVE	238.000	-92.160	0.733	-69.992
STORY23	WIND	0.000	-644.771	84.744	12382.580
STORY23	WIND	119.000	-644.771	84.744	2298.047
STORY23	WIND	238.000	-644.771	84.744	-7786.491
STORY22	DEAD	0.000	-642.431	3.286	460.528
STORY22	DEAD	119.000	-634.333	3.286	69.484
STORY22	DEAD	238.000	-626.234	3.286	-321.560
STORY22	LIVE	0.000	-103.680	0.883	123.721
STORY22	LIVE	119.000	-103.680	0.883	18.667
STORY22	LIVE	238.000	-103.680	0.883	-86.387
STORY22	WIND	0.000	-824.576	95.598	14043.190
STORY22	WIND	119.000	-824.576	95.598	2667.040
STORY22	WIND	238.000	-824.576	95.598	-8709.107
STORY21	DEAD	0.000	-723.156	3.852	548.468

STORY21	DEAD	119.000	-713.859	3.852	90.122
STORY21	DEAD	238.000	-704.563	3.852	-368.223
STORY21	LIVE	0.000	-115.200	1.035	147.346
STORY21	LIVE	119.000	-115.200	1.035	24.211
STORY21	LIVE	238.000	-115.200	1.035	-98.923
STORY21	WIND	0.000	-1025.813	106.343	15719.540
STORY21	WIND	119.000	-1025.813	106.343	3064.754
STORY21	WIND	238.000	-1025.813	106.343	-9590.030
STORY20	DEAD	0.000	-803.881	3.626	517.070
STORY20	DEAD	119.000	-794.584	3.626	85.621
STORY20	DEAD	238.000	-785.288	3.626	-345.828
STORY20	LIVE	0.000	-126.720	0.974	138.911
STORY20	LIVE	119.000	-126.720	0.974	23.002
STORY20	LIVE	238.000	-126.720	0.974	-92.907
STORY20	WIND	0.000	-1248.519	116.956	17368.910
STORY20	WIND	119.000	-1248.519	116.956	3451.119
STORY20	WIND	238.000	-1248.519	116.956	-10466.680
STORY19	DEAD	0.000	-887.705	3.996	548.259
STORY19	DEAD	119.000	-877.128	3.996	72.712
STORY19	DEAD	238.000	-866.551	3.996	-402.835
STORY19	LIVE	0.000	-138.240	1.074	147.290
STORY19	LIVE	119.000	-138.240	1.074	19.534
STORY19	LIVE	238.000	-138.240	1.074	-108.222
STORY19	WIND	0.000	-1491.870	127.471	19084.380
STORY19	WIND	119.000	-1491.870	127.471	3915.320
STORY19	WIND	238.000	-1491.870	127.471	-11253.750
STORY18	DEAD	0.000	-978.330	5.132	721.730
STORY18	DEAD	119.000	-964.943	5.132	111.070
STORY18	DEAD	238.000	-951.557	5.132	-499.590
STORY18	LIVE	0.000	-149.760	1.379	193.893
STORY18	LIVE	119.000	-149.760	1.379	29.839
STORY18	LIVE	238.000	-149.760	1.379	-134.215
STORY18	WIND	0.000	-1755.459	137.911	20912.310
STORY18	WIND	119.000	-1755.459	137.911	4500.916
STORY18	WIND	238.000	-1755.459	137.911	-11910.480
STORY17	DEAD	0.000	-1068.954	4.428	619.603
STORY17	DEAD	119.000	-1055.568	4.428	92.645
STORY17	DEAD	238.000	-1042.181	4.428	-434.314
STORY17	LIVE	0.000	-161.280	1.190	166.457
STORY17	LIVE	119.000	-161.280	1.190	24.889
STORY17	LIVE	238.000	-161.280	1.190	-116.679
STORY17	WIND	0.000	-2040.427	148.149	22629.760
STORY17	WIND	119.000	-2040.427	148.149	4999.994
STORY17	WIND	238.000	-2040.427	148.149	-12629.770
STORY16	DEAD	0.000	-1167.178	5.608	780.697
STORY16	DEAD	119.000	-1150.651	5.608	113.331
STORY16	DEAD	238.000	-1134.125	5.608	-554.036

STORY16	LIVE	0.000	-172.800	1.507	209.735
STORY16	LIVE	119.000	-172.800	1.507	30.446
STORY16	LIVE	238.000	-172.800	1.507	-148.842
STORY16	WIND	0.000	-2344.466	158.384	24576.880
STORY16	WIND	119.000	-2344.466	158.384	5729.174
STORY16	WIND	238.000	-2344.466	158.384	-13118.530
STORY15	DEAD	0.000	-1265.402	5.259	766.485
STORY15	DEAD	119.000	-1248.875	5.259	140.661
STORY15	DEAD	238.000	-1232.349	5.259	-485.164
STORY15	LIVE	0.000	-184.320	1.413	205.917
STORY15	LIVE	119.000	-184.320	1.413	37.789
STORY15	LIVE	238.000	-184.320	1.413	-130.340
STORY15	WIND	0.000	-2669.967	168.391	26349.060
STORY15	WIND	119.000	-2669.967	168.391	6310.500
STORY15	WIND	238.000	-2669.967	168.391	-13728.060
STORY14	DEAD	0.000	-1363.626	4.941	686.142
STORY14	DEAD	119.000	-1347.099	4.941	98.202
STORY14	DEAD	238.000	-1330.572	4.941	-489.738
STORY14	LIVE	0.000	-195.840	1.327	184.333
STORY14	LIVE	119.000	-195.840	1.327	26.382
STORY14	LIVE	238.000	-195.840	1.327	-131.569
STORY14	WIND	0.000	-3015.326	178.260	28136.390
STORY14	WIND	119.000	-3015.326	178.260	6923.416
STORY14	WIND	238.000	-3015.326	178.260	-14289.560
STORY13	DEAD	0.000	-1470.249	6.016	845.007
STORY13	DEAD	119.000	-1450.252	6.016	129.125
STORY13	DEAD	238.000	-1430.255	6.016	-586.757
STORY13	LIVE	0.000	-207.360	1.616	227.014
STORY13	LIVE	119.000	-207.360	1.616	34.690
STORY13	LIVE	238.000	-207.360	1.616	-157.633
STORY13	WIND	0.000	-3378.294	188.212	30313.870
STORY13	WIND	119.000	-3378.294	188.212	7916.615
STORY13	WIND	238.000	-3378.294	188.212	-14480.640
STORY12	DEAD	0.000	-1576.873	5.198	727.843
STORY12	DEAD	119.000	-1556.875	5.198	109.309
STORY12	DEAD	238.000	-1536.878	5.198	-509.225
STORY12	LIVE	0.000	-218.880	1.396	195.520
STORY12	LIVE	119.000	-218.880	1.396	29.359
STORY12	LIVE	238.000	-218.880	1.396	-136.802
STORY12	WIND	0.000	-3762.442	197.810	32271.510
STORY12	WIND	119.000	-3762.442	197.810	8732.102
STORY12	WIND	238.000	-3762.442	197.810	-14807.300
STORY11	DEAD	0.000	-1692.696	6.267	879.442
STORY11	DEAD	119.000	-1668.898	6.267	133.672
STORY11	DEAD	238.000	-1645.099	6.267	-612.099
STORY11	LIVE	0.000	-230.400	1.684	236.385
STORY11	LIVE	119.000	-230.400	1.684	35.966

STORY11	LIVE	238.000	-230.400	1.684	-164.453
STORY11	WIND	0.000	-4162.534	207.207	34708.120
STORY11	WIND	119.000	-4162.534	207.207	10050.480
STORY11	WIND	238.000	-4162.534	207.207	-14607.170
STORY10	DEAD	0.000	-1808.523	5.459	767.122
STORY10	DEAD	119.000	-1784.725	5.459	117.556
STORY10	DEAD	238.000	-1760.926	5.459	-532.009
STORY10	LIVE	0.000	-241.922	1.463	205.358
STORY10	LIVE	119.000	-241.922	1.463	31.253
STORY10	LIVE	238.000	-241.922	1.463	-142.853
STORY10	WIND	0.000	-4580.825	218.525	37895.390
STORY10	WIND	119.000	-4580.825	218.525	11890.970
STORY10	WIND	238.000	-4580.825	218.525	-14113.440
STORY9	DEAD	0.000	-1934.368	6.316	877.484
STORY9	DEAD	119.000	-1906.438	6.316	125.844
STORY9	DEAD	238.000	-1878.508	6.316	-625.796
STORY9	LIVE	0.000	-253.450	1.718	240.505
STORY9	LIVE	119.000	-253.450	1.718	36.039
STORY9	LIVE	238.000	-253.450	1.718	-168.428
STORY9	WIND	0.000	-4984.345	207.791	39178.700
STORY9	WIND	119.000	-4984.345	207.791	14451.610
STORY9	WIND	238.000	-4984.345	207.791	-10275.480
STORY8	DEAD	0.000	-2060.174	6.091	897.416
STORY8	DEAD	119.000	-2032.243	6.091	172.540
STORY8	DEAD	238.000	-2004.313	6.091	-552.338
STORY8	LIVE	0.000	-264.950	1.505	212.536
STORY8	LIVE	119.000	-264.950	1.505	33.384
STORY8	LIVE	238.000	-264.950	1.505	-145.768
STORY8	WIND	0.000	-5354.556	216.203	46166.760
STORY8	WIND	119.000	-5354.556	216.203	20438.560
STORY8	WIND	238.000	-5354.556	216.203	-5289.639
STORY7	DEAD	0.000	-2198.444	6.676	918.653
STORY7	DEAD	114.000	-2169.589	6.676	157.631
STORY7	DEAD	228.000	-2140.735	6.676	-603.392
STORY7	LIVE	0.000	-276.478	1.495	207.356
STORY7	LIVE	114.000	-276.478	1.495	36.907
STORY7	LIVE	228.000	-276.478	1.495	-133.542
STORY7	WIND	0.000	-5848.986	246.001	45556.540
STORY7	WIND	114.000	-5848.986	246.001	17512.460
STORY7	WIND	228.000	-5848.986	246.001	-10531.610
STORY6	DEAD	0.000	-2347.899	7.099	989.984
STORY6	DEAD	114.000	-2314.612	7.099	180.664
STORY6	DEAD	228.000	-2281.325	7.099	-628.656
STORY6	LIVE	0.000	-287.999	1.626	226.728
STORY6	LIVE	114.000	-287.999	1.626	41.348
STORY6	LIVE	228.000	-287.999	1.626	-144.031
STORY6	WIND	0.000	-6340.711	250.866	47494.000

STORY6	WIND	114.000	-6340.711	250.866	18895.230
STORY6	WIND	228.000	-6340.711	250.866	-9703.536
STORY5	DEAD	0.000	-2503.251	6.943	975.809
STORY5	DEAD	114.000	-2467.628	6.943	184.349
STORY5	DEAD	228.000	-2432.005	6.943	-607.112
STORY5	LIVE	0.000	-299.520	1.558	217.258
STORY5	LIVE	114.000	-299.520	1.558	39.594
STORY5	LIVE	228.000	-299.520	1.558	-138.070
STORY5	WIND	0.000	-6854.013	259.026	48532.080
STORY5	WIND	114.000	-6854.013	259.026	19003.160
STORY5	WIND	228.000	-6854.013	259.026	-10525.760
STORY4	DEAD	0.000	-2671.002	6.838	905.216
STORY4	DEAD	114.000	-2630.471	6.838	125.692
STORY4	DEAD	228.000	-2589.940	6.838	-653.832
STORY4	LIVE	0.000	-311.040	1.673	233.017
STORY4	LIVE	114.000	-311.040	1.673	42.263
STORY4	LIVE	228.000	-311.040	1.673	-148.491
STORY4	WIND	0.000	-7428.333	266.166	42745.370
STORY4	WIND	114.000	-7428.333	266.166	12402.430
STORY4	WIND	228.000	-7428.333	266.166	-17940.500
STORY3	DEAD	0.000	-2844.827	6.141	849.931
STORY3	DEAD	119.000	-2797.065	6.141	119.111
STORY3	DEAD	238.000	-2749.303	6.141	-611.709
STORY3	LIVE	0.000	-322.560	1.691	230.803
STORY3	LIVE	119.000	-322.560	1.691	29.632
STORY3	LIVE	238.000	-322.560	1.691	-171.539
STORY3	WIND	0.000	-7831.847	273.092	63456.180
STORY3	WIND	119.000	-7831.847	273.092	30958.220
STORY3	WIND	238.000	-7831.847	273.092	-1539.748
STORY2	DEAD	0.000	-3032.651	6.855	988.587
STORY2	DEAD	119.000	-2979.105	6.855	172.883
STORY2	DEAD	238.000	-2925.558	6.855	-642.821
STORY2	LIVE	0.000	-334.080	1.831	264.970
STORY2	LIVE	119.000	-334.080	1.831	47.030
STORY2	LIVE	238.000	-334.080	1.831	-170.911
STORY2	WIND	0.000	-8214.807	279.838	89002.780
STORY2	WIND	119.000	-8214.807	279.838	55702.120
STORY2	WIND	238.000	-8214.807	279.838	22401.460
STORY1	DEAD	0.000	-3235.273	4.198	362.620
STORY1	DEAD	119.000	-3175.611	4.198	-136.976
STORY1	DEAD	238.000	-3115.950	4.198	-636.573
STORY1	LIVE	0.000	-345.600	1.131	97.666
STORY1	LIVE	119.000	-345.600	1.131	-36.892
STORY1	LIVE	238.000	-345.600	1.131	-171.450
STORY1	WIND	0.000	-8476.116	286.004	133790.400
STORY1	WIND	119.000	-8476.116	286.004	99755.880
STORY1	WIND	238.000	-8476.116	286.004	65721.380

STORY30	B1	LIVE	216.000	2.336	513.671
STORY30	B1	LIVE	216.000	5.427	508.820
STORY30	B1	LIVE	237.000	5.427	394.849
STORY30	B1	LIVE	258.000	5.427	280.877
STORY30	B1	LIVE	279.000	5.427	166.905
STORY30	B1	WIND	9.000	5.572	756.275
STORY30	B1	WIND	30.000	5.572	639.256
STORY30	B1	WIND	51.000	5.572	522.237
STORY30	B1	WIND	72.000	5.572	405.218
STORY30	B1	WIND	72.000	5.549	401.399
STORY30	B1	WIND	96.000	5.549	268.232
STORY30	B1	WIND	120.000	5.549	135.066
STORY30	B1	WIND	144.000	5.549	1.899
STORY30	B1	WIND	144.000	5.549	-1.899
STORY30	B1	WIND	168.000	5.549	-135.066
STORY30	B1	WIND	192.000	5.549	-268.232
STORY30	B1	WIND	216.000	5.549	-401.399
STORY30	B1	WIND	216.000	5.572	-405.218
STORY30	B1	WIND	237.000	5.572	-522.237
STORY30	B1	WIND	258.000	5.572	-639.256
STORY30	B1	WIND	279.000	5.572	-756.275
STORY29	B1	DEAD	9.000	-27.016	350.007
STORY29	B1	DEAD	30.000	-24.556	891.511
STORY29	B1	DEAD	51.000	-22.095	1381.339
STORY29	B1	DEAD	72.000	-19.634	1819.490
STORY29	B1	DEAD	72.000	-13.207	1835.248
STORY29	B1	DEAD	96.000	-10.395	2118.475
STORY29	B1	DEAD	120.000	-7.583	2334.206
STORY29	B1	DEAD	144.000	-4.770	2482.441
STORY29	B1	DEAD	144.000	4.770	2482.441
STORY29	B1	DEAD	168.000	7.583	2334.206
STORY29	B1	DEAD	192.000	10.395	2118.475
STORY29	B1	DEAD	216.000	13.207	1835.248
STORY29	B1	DEAD	216.000	19.634	1819.490
STORY29	B1	DEAD	237.000	22.095	1381.339
STORY29	B1	DEAD	258.000	24.556	891.511
STORY29	B1	DEAD	279.000	27.016	350.007
STORY29	B1	LIVE	9.000	-5.428	143.926
STORY29	B1	LIVE	30.000	-5.428	257.908
STORY29	B1	LIVE	51.000	-5.428	371.890
STORY29	B1	LIVE	72.000	-5.428	485.872
STORY29	B1	LIVE	72.000	-2.336	490.722
STORY29	B1	LIVE	96.000	-2.336	546.788
STORY29	B1	LIVE	120.000	-2.336	602.855
STORY29	B1	LIVE	144.000	-2.336	658.921
STORY29	B1	LIVE	144.000	2.336	658.921
STORY29	B1	LIVE	168.000	2.336	602.855

STORY29	B1	LIVE	192.000	2.336	546.788
STORY29	B1	LIVE	216.000	2.336	490.722
STORY29	B1	LIVE	216.000	5.428	485.872
STORY29	B1	LIVE	237.000	5.428	371.890
STORY29	B1	LIVE	258.000	5.428	257.908
STORY29	B1	LIVE	279.000	5.428	143.926
STORY29	B1	WIND	9.000	22.050	2992.573
STORY29	B1	WIND	30.000	22.050	2529.521
STORY29	B1	WIND	51.000	22.050	2066.470
STORY29	B1	WIND	72.000	22.050	1603.419
STORY29	B1	WIND	72.000	21.955	1588.306
STORY29	B1	WIND	96.000	21.955	1061.376
STORY29	B1	WIND	120.000	21.955	534.445
STORY29	B1	WIND	144.000	21.955	7.515
STORY29	B1	WIND	144.000	21.955	-7.515
STORY29	B1	WIND	168.000	21.955	-534.445
STORY29	B1	WIND	192.000	21.955	-1061.376
STORY29	B1	WIND	216.000	21.955	-1588.306
STORY29	B1	WIND	216.000	22.050	-1603.419
STORY29	B1	WIND	237.000	22.050	-2066.470
STORY29	B1	WIND	258.000	22.050	-2529.521
STORY29	B1	WIND	279.000	22.050	-2992.573
STORY28	B1	DEAD	10.000	-26.901	273.090
STORY28	B1	DEAD	30.667	-24.480	804.026
STORY28	B1	DEAD	51.333	-22.058	1284.914
STORY28	B1	DEAD	72.000	-19.636	1715.753
STORY28	B1	DEAD	72.000	-13.207	1731.509
STORY28	B1	DEAD	96.000	-10.395	2014.739
STORY28	B1	DEAD	120.000	-7.583	2230.474
STORY28	B1	DEAD	144.000	-4.770	2378.713
STORY28	B1	DEAD	144.000	4.770	2378.713
STORY28	B1	DEAD	168.000	7.583	2230.474
STORY28	B1	DEAD	192.000	10.395	2014.739
STORY28	B1	DEAD	216.000	13.207	1731.509
STORY28	B1	DEAD	216.000	19.636	1715.753
STORY28	B1	DEAD	236.667	22.058	1284.914
STORY28	B1	DEAD	257.333	24.480	804.026
STORY28	B1	DEAD	278.000	26.901	273.090
STORY28	B1	LIVE	10.000	-5.428	121.447
STORY28	B1	LIVE	30.667	-5.428	233.633
STORY28	B1	LIVE	51.333	-5.428	345.818
STORY28	B1	LIVE	72.000	-5.428	458.003
STORY28	B1	LIVE	72.000	-2.336	462.852
STORY28	B1	LIVE	96.000	-2.336	518.920
STORY28	B1	LIVE	120.000	-2.336	574.987
STORY28	B1	LIVE	144.000	-2.336	631.054
STORY28	B1	LIVE	144.000	2.336	631.054

STORY28	B1	LIVE	168.000	2.336	574.987
STORY28	B1	LIVE	192.000	2.336	518.920
STORY28	B1	LIVE	216.000	2.336	462.852
STORY28	B1	LIVE	216.000	5.428	458.003
STORY28	B1	LIVE	236.667	5.428	345.818
STORY28	B1	LIVE	257.333	5.428	233.633
STORY28	B1	LIVE	278.000	5.428	121.447
STORY28	B1	WIND	10.000	43.994	5926.786
STORY28	B1	WIND	30.667	43.994	5017.587
STORY28	B1	WIND	51.333	43.994	4108.387
STORY28	B1	WIND	72.000	43.994	3199.188
STORY28	B1	WIND	72.000	43.806	3169.032
STORY28	B1	WIND	96.000	43.806	2117.686
STORY28	B1	WIND	120.000	43.806	1066.340
STORY28	B1	WIND	144.000	43.806	14.994
STORY28	B1	WIND	144.000	43.806	-14.994
STORY28	B1	WIND	168.000	43.806	-1066.340
STORY28	B1	WIND	192.000	43.806	-2117.686
STORY28	B1	WIND	216.000	43.806	-3169.032
STORY28	B1	WIND	216.000	43.994	-3199.188
STORY28	B1	WIND	236.667	43.994	-4108.387
STORY28	B1	WIND	257.333	43.994	-5017.587
STORY28	B1	WIND	278.000	43.994	-5926.786
STORY27	B1	DEAD	10.000	-26.903	180.437
STORY27	B1	DEAD	30.667	-24.482	711.415
STORY27	B1	DEAD	51.333	-22.060	1192.344
STORY27	B1	DEAD	72.000	-19.638	1623.224
STORY27	B1	DEAD	72.000	-13.208	1638.978
STORY27	B1	DEAD	96.000	-10.395	1922.212
STORY27	B1	DEAD	120.000	-7.583	2137.950
STORY27	B1	DEAD	144.000	-4.771	2286.192
STORY27	B1	DEAD	144.000	4.771	2286.192
STORY27	B1	DEAD	168.000	7.583	2137.950
STORY27	B1	DEAD	192.000	10.395	1922.212
STORY27	B1	DEAD	216.000	13.208	1638.978
STORY27	B1	DEAD	216.000	19.638	1623.224
STORY27	B1	DEAD	236.667	22.060	1192.344
STORY27	B1	DEAD	257.333	24.482	711.415
STORY27	B1	DEAD	278.000	26.903	180.437
STORY27	B1	LIVE	10.000	-5.429	96.556
STORY27	B1	LIVE	30.667	-5.429	208.752
STORY27	B1	LIVE	51.333	-5.429	320.949
STORY27	B1	LIVE	72.000	-5.429	433.145
STORY27	B1	LIVE	72.000	-2.336	437.994
STORY27	B1	LIVE	96.000	-2.336	494.062
STORY27	B1	LIVE	120.000	-2.336	550.130
STORY27	B1	LIVE	144.000	-2.336	606.198

STORY27	B1	LIVE	144.000	2.336	606.198
STORY27	B1	LIVE	168.000	2.336	550.130
STORY27	B1	LIVE	192.000	2.336	494.062
STORY27	B1	LIVE	216.000	2.336	437.994
STORY27	B1	LIVE	216.000	5.429	433.145
STORY27	B1	LIVE	236.667	5.429	320.949
STORY27	B1	LIVE	257.333	5.429	208.752
STORY27	B1	LIVE	278.000	5.429	96.556
STORY27	B1	WIND	10.000	65.583	8835.384
STORY27	B1	WIND	30.667	65.583	7480.007
STORY27	B1	WIND	51.333	65.583	6124.631
STORY27	B1	WIND	72.000	65.583	4769.255
STORY27	B1	WIND	72.000	65.305	4724.298
STORY27	B1	WIND	96.000	65.305	3156.983
STORY27	B1	WIND	120.000	65.305	1589.668
STORY27	B1	WIND	144.000	65.305	22.353
STORY27	B1	WIND	144.000	65.305	-22.353
STORY27	B1	WIND	168.000	65.305	-1589.668
STORY27	B1	WIND	192.000	65.305	-3156.983
STORY27	B1	WIND	216.000	65.305	-4724.298
STORY27	B1	WIND	216.000	65.583	-4769.255
STORY27	B1	WIND	236.667	65.583	-6124.631
STORY27	B1	WIND	257.333	65.583	-7480.007
STORY27	B1	WIND	278.000	65.583	-8835.384
STORY26	B1	DEAD	12.000	-26.672	94.125
STORY26	B1	DEAD	32.000	-24.328	604.128
STORY26	B1	DEAD	52.000	-21.985	1067.259
STORY26	B1	DEAD	72.000	-19.641	1483.518
STORY26	B1	DEAD	72.000	-13.208	1499.271
STORY26	B1	DEAD	96.000	-10.395	1782.509
STORY26	B1	DEAD	120.000	-7.583	1998.252
STORY26	B1	DEAD	144.000	-4.771	2146.499
STORY26	B1	DEAD	144.000	4.771	2146.499
STORY26	B1	DEAD	168.000	7.583	1998.252
STORY26	B1	DEAD	192.000	10.395	1782.509
STORY26	B1	DEAD	216.000	13.208	1499.271
STORY26	B1	DEAD	216.000	19.641	1483.518
STORY26	B1	DEAD	236.000	21.985	1067.259
STORY26	B1	DEAD	256.000	24.328	604.128
STORY26	B1	DEAD	276.000	26.672	94.125
STORY26	B1	LIVE	12.000	-5.430	69.834
STORY26	B1	LIVE	32.000	-5.430	178.427
STORY26	B1	LIVE	52.000	-5.430	287.020
STORY26	B1	LIVE	72.000	-5.430	395.613
STORY26	B1	LIVE	72.000	-2.336	400.461
STORY26	B1	LIVE	96.000	-2.336	456.531
STORY26	B1	LIVE	120.000	-2.336	512.600

STORY26	B1	LIVE	144.000	-2.336	568.670
STORY26	B1	LIVE	144.000	2.336	568.670
STORY26	B1	LIVE	168.000	2.336	512.600
STORY26	B1	LIVE	192.000	2.336	456.531
STORY26	B1	LIVE	216.000	2.336	400.461
STORY26	B1	LIVE	216.000	5.430	395.613
STORY26	B1	LIVE	236.000	5.430	287.020
STORY26	B1	LIVE	256.000	5.430	178.427
STORY26	B1	LIVE	276.000	5.430	69.834
STORY26	B1	WIND	12.000	87.089	11558.880
STORY26	B1	WIND	32.000	87.089	9817.101
STORY26	B1	WIND	52.000	87.089	8075.324
STORY26	B1	WIND	72.000	87.089	6333.546
STORY26	B1	WIND	72.000	86.724	6273.839
STORY26	B1	WIND	96.000	86.724	4192.454
STORY26	B1	WIND	120.000	86.724	2111.070
STORY26	B1	WIND	144.000	86.724	29.686
STORY26	B1	WIND	144.000	86.724	-29.686
STORY26	B1	WIND	168.000	86.724	-2111.070
STORY26	B1	WIND	192.000	86.724	-4192.454
STORY26	B1	WIND	216.000	86.724	-6273.839
STORY26	B1	WIND	216.000	87.089	-6333.546
STORY26	B1	WIND	236.000	87.089	-8075.324
STORY26	B1	WIND	256.000	87.089	-9817.101
STORY26	B1	WIND	276.000	87.089	-11558.880
STORY25	B1	DEAD	12.000	-26.675	-28.544
STORY25	B1	DEAD	32.000	-24.331	481.512
STORY25	B1	DEAD	52.000	-21.987	944.695
STORY25	B1	DEAD	72.000	-19.644	1361.007
STORY25	B1	DEAD	72.000	-13.208	1376.757
STORY25	B1	DEAD	96.000	-10.396	1660.000
STORY25	B1	DEAD	120.000	-7.583	1875.747
STORY25	B1	DEAD	144.000	-4.771	2023.998
STORY25	B1	DEAD	144.000	4.771	2023.998
STORY25	B1	DEAD	168.000	7.583	1875.747
STORY25	B1	DEAD	192.000	10.396	1660.000
STORY25	B1	DEAD	216.000	13.208	1376.757
STORY25	B1	DEAD	216.000	19.644	1361.007
STORY25	B1	DEAD	236.000	21.987	944.695
STORY25	B1	DEAD	256.000	24.331	481.512
STORY25	B1	DEAD	276.000	26.675	-28.544
STORY25	B1	LIVE	12.000	-5.430	36.879
STORY25	B1	LIVE	32.000	-5.430	145.486
STORY25	B1	LIVE	52.000	-5.430	254.093
STORY25	B1	LIVE	72.000	-5.430	362.700
STORY25	B1	LIVE	72.000	-2.336	367.548
STORY25	B1	LIVE	96.000	-2.336	423.619

STORY25	B1	LIVE	120.000	-2.336	479.689
STORY25	B1	LIVE	144.000	-2.336	535.760
STORY25	B1	LIVE	144.000	2.336	535.760
STORY25	B1	LIVE	168.000	2.336	479.689
STORY25	B1	LIVE	192.000	2.336	423.619
STORY25	B1	LIVE	216.000	2.336	367.548
STORY25	B1	LIVE	216.000	5.430	362.700
STORY25	B1	LIVE	236.000	5.430	254.093
STORY25	B1	LIVE	256.000	5.430	145.486
STORY25	B1	LIVE	276.000	5.430	36.879
STORY25	B1	WIND	12.000	108.264	14369.650
STORY25	B1	WIND	32.000	108.264	12204.370
STORY25	B1	WIND	52.000	108.264	10039.090
STORY25	B1	WIND	72.000	108.264	7873.816
STORY25	B1	WIND	72.000	107.815	7799.584
STORY25	B1	WIND	96.000	107.815	5212.024
STORY25	B1	WIND	120.000	107.815	2624.465
STORY25	B1	WIND	144.000	107.815	36.905
STORY25	B1	WIND	144.000	107.815	-36.905
STORY25	B1	WIND	168.000	107.815	-2624.465
STORY25	B1	WIND	192.000	107.815	-5212.024
STORY25	B1	WIND	216.000	107.815	-7799.584
STORY25	B1	WIND	216.000	108.264	-7873.816
STORY25	B1	WIND	236.000	108.264	-10039.090
STORY25	B1	WIND	256.000	108.264	-12204.370
STORY25	B1	WIND	276.000	108.264	-14369.650
STORY24	B1	DEAD	13.000	-26.559	-69.052
STORY24	B1	DEAD	32.667	-24.254	430.611
STORY24	B1	DEAD	52.333	-21.950	884.951
STORY24	B1	DEAD	72.000	-19.645	1293.968
STORY24	B1	DEAD	72.000	-13.208	1309.718
STORY24	B1	DEAD	96.000	-10.396	1592.963
STORY24	B1	DEAD	120.000	-7.583	1808.712
STORY24	B1	DEAD	144.000	-4.771	1956.966
STORY24	B1	DEAD	144.000	4.771	1956.966
STORY24	B1	DEAD	168.000	7.583	1808.712
STORY24	B1	DEAD	192.000	10.396	1592.963
STORY24	B1	DEAD	216.000	13.208	1309.718
STORY24	B1	DEAD	216.000	19.645	1293.968
STORY24	B1	DEAD	235.667	21.950	884.951
STORY24	B1	DEAD	255.333	24.254	430.611
STORY24	B1	DEAD	275.000	26.559	-69.052
STORY24	B1	LIVE	13.000	-5.431	24.276
STORY24	B1	LIVE	32.667	-5.431	131.081
STORY24	B1	LIVE	52.333	-5.431	237.885
STORY24	B1	LIVE	72.000	-5.431	344.690
STORY24	B1	LIVE	72.000	-2.336	349.538

STORY24	B1	LIVE	96.000	-2.336	405.609
STORY24	B1	LIVE	120.000	-2.336	461.680
STORY24	B1	LIVE	144.000	-2.336	517.751
STORY24	B1	LIVE	144.000	2.336	517.751
STORY24	B1	LIVE	168.000	2.336	461.680
STORY24	B1	LIVE	192.000	2.336	405.609
STORY24	B1	LIVE	216.000	2.336	349.538
STORY24	B1	LIVE	216.000	5.431	344.690
STORY24	B1	LIVE	235.667	5.431	237.885
STORY24	B1	LIVE	255.333	5.431	131.081
STORY24	B1	LIVE	275.000	5.431	24.276
STORY24	B1	WIND	13.000	129.271	17028.850
STORY24	B1	WIND	32.667	129.271	14486.520
STORY24	B1	WIND	52.333	129.271	11944.200
STORY24	B1	WIND	72.000	129.271	9401.872
STORY24	B1	WIND	72.000	128.738	9313.230
STORY24	B1	WIND	96.000	128.738	6223.510
STORY24	B1	WIND	120.000	128.738	3133.789
STORY24	B1	WIND	144.000	128.738	44.068
STORY24	B1	WIND	144.000	128.738	-44.068
STORY24	B1	WIND	168.000	128.738	-3133.789
STORY24	B1	WIND	192.000	128.738	-6223.510
STORY24	B1	WIND	216.000	128.738	-9313.230
STORY24	B1	WIND	216.000	129.271	-9401.872
STORY24	B1	WIND	235.667	129.271	-11944.200
STORY24	B1	WIND	255.333	129.271	-14486.520
STORY24	B1	WIND	275.000	129.271	-17028.850
STORY23	B1	DEAD	13.000	-26.560	-133.690
STORY23	B1	DEAD	32.667	-24.256	366.000
STORY23	B1	DEAD	52.333	-21.951	820.367
STORY23	B1	DEAD	72.000	-19.647	1229.411
STORY23	B1	DEAD	72.000	-13.208	1245.160
STORY23	B1	DEAD	96.000	-10.396	1528.407
STORY23	B1	DEAD	120.000	-7.583	1744.159
STORY23	B1	DEAD	144.000	-4.771	1892.414
STORY23	B1	DEAD	144.000	4.771	1892.414
STORY23	B1	DEAD	168.000	7.583	1744.159
STORY23	B1	DEAD	192.000	10.396	1528.407
STORY23	B1	DEAD	216.000	13.208	1245.160
STORY23	B1	DEAD	216.000	19.647	1229.411
STORY23	B1	DEAD	235.667	21.951	820.367
STORY23	B1	DEAD	255.333	24.256	366.000
STORY23	B1	DEAD	275.000	26.560	-133.690
STORY23	B1	LIVE	13.000	-5.431	6.911
STORY23	B1	LIVE	32.667	-5.431	113.723
STORY23	B1	LIVE	52.333	-5.431	220.535
STORY23	B1	LIVE	72.000	-5.431	327.347

STORY23	B1	LIVE	72.000	-2.336	332.194
STORY23	B1	LIVE	96.000	-2.336	388.266
STORY23	B1	LIVE	120.000	-2.336	444.338
STORY23	B1	LIVE	144.000	-2.336	500.410
STORY23	B1	LIVE	144.000	2.336	500.410
STORY23	B1	LIVE	168.000	2.336	444.338
STORY23	B1	LIVE	192.000	2.336	388.266
STORY23	B1	LIVE	216.000	2.336	332.194
STORY23	B1	LIVE	216.000	5.431	327.347
STORY23	B1	LIVE	235.667	5.431	220.535
STORY23	B1	LIVE	255.333	5.431	113.723
STORY23	B1	LIVE	275.000	5.431	6.911
STORY23	B1	WIND	13.000	150.103	19773.350
STORY23	B1	WIND	32.667	150.103	16821.320
STORY23	B1	WIND	52.333	150.103	13869.300
STORY23	B1	WIND	72.000	150.103	10917.270
STORY23	B1	WIND	72.000	149.488	10814.340
STORY23	B1	WIND	96.000	149.488	7226.614
STORY23	B1	WIND	120.000	149.488	3638.893
STORY23	B1	WIND	144.000	149.488	51.171
STORY23	B1	WIND	144.000	149.488	-51.171
STORY23	B1	WIND	168.000	149.488	-3638.893
STORY23	B1	WIND	192.000	149.488	-7226.614
STORY23	B1	WIND	216.000	149.488	-10814.340
STORY23	B1	WIND	216.000	150.103	-10917.270
STORY23	B1	WIND	235.667	150.103	-13869.300
STORY23	B1	WIND	255.333	150.103	-16821.320
STORY23	B1	WIND	275.000	150.103	-19773.350
STORY22	B1	DEAD	14.000	-26.444	-168.167
STORY22	B1	DEAD	33.333	-24.179	321.190
STORY22	B1	DEAD	52.667	-21.913	766.749
STORY22	B1	DEAD	72.000	-19.648	1168.508
STORY22	B1	DEAD	72.000	-13.208	1184.255
STORY22	B1	DEAD	96.000	-10.396	1467.505
STORY22	B1	DEAD	120.000	-7.584	1683.259
STORY22	B1	DEAD	144.000	-4.771	1831.517
STORY22	B1	DEAD	144.000	4.771	1831.517
STORY22	B1	DEAD	168.000	7.584	1683.259
STORY22	B1	DEAD	192.000	10.396	1467.505
STORY22	B1	DEAD	216.000	13.208	1184.255
STORY22	B1	DEAD	216.000	19.648	1168.508
STORY22	B1	DEAD	235.333	21.913	766.749
STORY22	B1	DEAD	254.667	24.179	321.190
STORY22	B1	DEAD	274.000	26.444	-168.167
STORY22	B1	LIVE	14.000	-5.431	-4.040
STORY22	B1	LIVE	33.333	-5.431	100.968
STORY22	B1	LIVE	52.667	-5.431	205.977

STORY22	B1	LIVE	72.000	-5.431	310.985
STORY22	B1	LIVE	72.000	-2.336	315.832
STORY22	B1	LIVE	96.000	-2.336	371.905
STORY22	B1	LIVE	120.000	-2.336	427.977
STORY22	B1	LIVE	144.000	-2.336	484.049
STORY22	B1	LIVE	144.000	2.336	484.049
STORY22	B1	LIVE	168.000	2.336	427.977
STORY22	B1	LIVE	192.000	2.336	371.905
STORY22	B1	LIVE	216.000	2.336	315.832
STORY22	B1	LIVE	216.000	5.431	310.985
STORY22	B1	LIVE	235.333	5.431	205.977
STORY22	B1	LIVE	254.667	5.431	100.968
STORY22	B1	LIVE	274.000	5.431	-4.040
STORY22	B1	WIND	14.000	170.547	22296.220
STORY22	B1	WIND	33.333	170.547	18998.980
STORY22	B1	WIND	52.667	170.547	15701.750
STORY22	B1	WIND	72.000	170.547	12404.510
STORY22	B1	WIND	72.000	169.853	12287.550
STORY22	B1	WIND	96.000	169.853	8211.083
STORY22	B1	WIND	120.000	169.853	4134.613
STORY22	B1	WIND	144.000	169.853	58.143
STORY22	B1	WIND	144.000	169.853	-58.143
STORY22	B1	WIND	168.000	169.853	-4134.613
STORY22	B1	WIND	192.000	169.853	-8211.083
STORY22	B1	WIND	216.000	169.853	-12287.550
STORY22	B1	WIND	216.000	170.547	-12404.510
STORY22	B1	WIND	235.333	170.547	-15701.750
STORY22	B1	WIND	254.667	170.547	-18998.980
STORY22	B1	WIND	274.000	170.547	-22296.220
STORY21	B1	DEAD	15.000	-26.330	-281.020
STORY21	B1	DEAD	34.000	-24.104	198.101
STORY21	B1	DEAD	53.000	-21.877	634.921
STORY21	B1	DEAD	72.000	-19.651	1029.439
STORY21	B1	DEAD	72.000	-13.208	1045.184
STORY21	B1	DEAD	96.000	-10.396	1328.439
STORY21	B1	DEAD	120.000	-7.584	1544.197
STORY21	B1	DEAD	144.000	-4.771	1692.460
STORY21	B1	DEAD	144.000	4.771	1692.460
STORY21	B1	DEAD	168.000	7.584	1544.197
STORY21	B1	DEAD	192.000	10.396	1328.439
STORY21	B1	DEAD	216.000	13.208	1045.184
STORY21	B1	DEAD	216.000	19.651	1029.439
STORY21	B1	DEAD	235.000	21.877	634.921
STORY21	B1	DEAD	254.000	24.104	198.101
STORY21	B1	DEAD	273.000	26.330	-281.020
STORY21	B1	LIVE	15.000	-5.432	-36.015
STORY21	B1	LIVE	34.000	-5.432	67.198

STORY21	B1	LIVE	53.000	-5.432	170.411
STORY21	B1	LIVE	72.000	-5.432	273.624
STORY21	B1	LIVE	72.000	-2.336	278.471
STORY21	B1	LIVE	96.000	-2.336	334.544
STORY21	B1	LIVE	120.000	-2.336	390.618
STORY21	B1	LIVE	144.000	-2.336	446.692
STORY21	B1	LIVE	144.000	2.336	446.692
STORY21	B1	LIVE	168.000	2.336	390.618
STORY21	B1	LIVE	192.000	2.336	334.544
STORY21	B1	LIVE	216.000	2.336	278.471
STORY21	B1	LIVE	216.000	5.432	273.624
STORY21	B1	LIVE	235.000	5.432	170.411
STORY21	B1	LIVE	254.000	5.432	67.198
STORY21	B1	LIVE	273.000	5.432	-36.015
STORY21	B1	WIND	15.000	190.764	24749.370
STORY21	B1	WIND	34.000	190.764	21124.850
STORY21	B1	WIND	53.000	190.764	17500.330
STORY21	B1	WIND	72.000	190.764	13875.820
STORY21	B1	WIND	72.000	189.999	13744.970
STORY21	B1	WIND	96.000	189.999	9184.996
STORY21	B1	WIND	120.000	189.999	4625.018
STORY21	B1	WIND	144.000	189.999	65.040
STORY21	B1	WIND	144.000	189.999	-65.040
STORY21	B1	WIND	168.000	189.999	-4625.018
STORY21	B1	WIND	192.000	189.999	-9184.996
STORY21	B1	WIND	216.000	189.999	-13744.970
STORY21	B1	WIND	216.000	190.764	-13875.820
STORY21	B1	WIND	235.000	190.764	-17500.330
STORY21	B1	WIND	254.000	190.764	-21124.850
STORY21	B1	WIND	273.000	190.764	-24749.370
STORY20	B1	DEAD	15.000	-26.331	-332.470
STORY20	B1	DEAD	34.000	-24.105	146.673
STORY20	B1	DEAD	53.000	-21.878	583.514
STORY20	B1	DEAD	72.000	-19.652	978.052
STORY20	B1	DEAD	72.000	-13.209	993.797
STORY20	B1	DEAD	96.000	-10.396	1277.053
STORY20	B1	DEAD	120.000	-7.584	1492.813
STORY20	B1	DEAD	144.000	-4.772	1641.078
STORY20	B1	DEAD	144.000	4.772	1641.078
STORY20	B1	DEAD	168.000	7.584	1492.813
STORY20	B1	DEAD	192.000	10.396	1277.053
STORY20	B1	DEAD	216.000	13.209	993.797
STORY20	B1	DEAD	216.000	19.652	978.052
STORY20	B1	DEAD	235.000	21.878	583.514
STORY20	B1	DEAD	254.000	24.105	146.673
STORY20	B1	DEAD	273.000	26.331	-332.470
STORY20	B1	LIVE	15.000	-5.433	-49.837

STORY20	B1	LIVE	34.000	-5.433	53.382
STORY20	B1	LIVE	53.000	-5.433	156.600
STORY20	B1	LIVE	72.000	-5.433	259.819
STORY20	B1	LIVE	72.000	-2.336	264.665
STORY20	B1	LIVE	96.000	-2.336	320.739
STORY20	B1	LIVE	120.000	-2.336	376.814
STORY20	B1	LIVE	144.000	-2.336	432.888
STORY20	B1	LIVE	144.000	2.336	432.888
STORY20	B1	LIVE	168.000	2.336	376.814
STORY20	B1	LIVE	192.000	2.336	320.739
STORY20	B1	LIVE	216.000	2.336	264.665
STORY20	B1	LIVE	216.000	5.433	259.819
STORY20	B1	LIVE	235.000	5.433	156.600
STORY20	B1	LIVE	254.000	5.433	53.382
STORY20	B1	LIVE	273.000	5.433	-49.837
STORY20	B1	WIND	15.000	211.022	27377.980
STORY20	B1	WIND	34.000	211.022	23368.560
STORY20	B1	WIND	53.000	211.022	19359.140
STORY20	B1	WIND	72.000	211.022	15349.720
STORY20	B1	WIND	72.000	210.181	15204.970
STORY20	B1	WIND	96.000	210.181	10160.630
STORY20	B1	WIND	120.000	210.181	5116.292
STORY20	B1	WIND	144.000	210.181	71.950
STORY20	B1	WIND	144.000	210.181	-71.950
STORY20	B1	WIND	168.000	210.181	-5116.292
STORY20	B1	WIND	192.000	210.181	-10160.630
STORY20	B1	WIND	216.000	210.181	-15204.970
STORY20	B1	WIND	216.000	211.022	-15349.720
STORY20	B1	WIND	235.000	211.022	-19359.140
STORY20	B1	WIND	254.000	211.022	-23368.560
STORY20	B1	WIND	273.000	211.022	-27377.980
STORY19	B1	DEAD	16.000	-26.215	-348.061
STORY19	B1	DEAD	34.667	-24.028	120.870
STORY19	B1	DEAD	53.333	-21.840	548.970
STORY19	B1	DEAD	72.000	-19.653	936.239
STORY19	B1	DEAD	72.000	-13.209	951.983
STORY19	B1	DEAD	96.000	-10.396	1235.240
STORY19	B1	DEAD	120.000	-7.584	1451.002
STORY19	B1	DEAD	144.000	-4.772	1599.268
STORY19	B1	DEAD	144.000	4.772	1599.268
STORY19	B1	DEAD	168.000	7.584	1451.002
STORY19	B1	DEAD	192.000	10.396	1235.240
STORY19	B1	DEAD	216.000	13.209	951.983
STORY19	B1	DEAD	216.000	19.653	936.239
STORY19	B1	DEAD	234.667	21.840	548.970
STORY19	B1	DEAD	253.333	24.028	120.870
STORY19	B1	DEAD	272.000	26.215	-348.061

STORY19	B1	LIVE	16.000	-5.433	-55.651
STORY19	B1	LIVE	34.667	-5.433	45.761
STORY19	B1	LIVE	53.333	-5.433	147.173
STORY19	B1	LIVE	72.000	-5.433	248.586
STORY19	B1	LIVE	72.000	-2.336	253.432
STORY19	B1	LIVE	96.000	-2.336	309.506
STORY19	B1	LIVE	120.000	-2.336	365.581
STORY19	B1	LIVE	144.000	-2.336	421.656
STORY19	B1	LIVE	144.000	2.336	421.656
STORY19	B1	LIVE	168.000	2.336	365.581
STORY19	B1	LIVE	192.000	2.336	309.506
STORY19	B1	LIVE	216.000	2.336	253.432
STORY19	B1	LIVE	216.000	5.433	248.586
STORY19	B1	LIVE	234.667	5.433	147.173
STORY19	B1	LIVE	253.333	5.433	45.761
STORY19	B1	LIVE	272.000	5.433	-55.651
STORY19	B1	WIND	16.000	230.444	29667.790
STORY19	B1	WIND	34.667	230.444	25366.160
STORY19	B1	WIND	53.333	230.444	21064.540
STORY19	B1	WIND	72.000	230.444	16762.900
STORY19	B1	WIND	72.000	229.531	16604.830
STORY19	B1	WIND	96.000	229.531	11096.080
STORY19	B1	WIND	120.000	229.531	5587.327
STORY19	B1	WIND	144.000	229.531	78.574
STORY19	B1	WIND	144.000	229.531	-78.574
STORY19	B1	WIND	168.000	229.531	-5587.327
STORY19	B1	WIND	192.000	229.531	-11096.080
STORY19	B1	WIND	216.000	229.531	-16604.830
STORY19	B1	WIND	216.000	230.444	-16762.900
STORY19	B1	WIND	234.667	230.444	-21064.540
STORY19	B1	WIND	253.333	230.444	-25366.160
STORY19	B1	WIND	272.000	230.444	-29667.790
STORY18	B1	DEAD	18.000	-25.984	-471.052
STORY18	B1	DEAD	36.000	-23.875	-22.317
STORY18	B1	DEAD	54.000	-21.766	388.451
STORY18	B1	DEAD	72.000	-19.657	761.254
STORY18	B1	DEAD	72.000	-13.209	776.995
STORY18	B1	DEAD	96.000	-10.396	1060.259
STORY18	B1	DEAD	120.000	-7.584	1276.027
STORY18	B1	DEAD	144.000	-4.772	1424.299
STORY18	B1	DEAD	144.000	4.772	1424.299
STORY18	B1	DEAD	168.000	7.584	1276.027
STORY18	B1	DEAD	192.000	10.396	1060.259
STORY18	B1	DEAD	216.000	13.209	776.995
STORY18	B1	DEAD	216.000	19.657	761.254
STORY18	B1	DEAD	234.000	21.766	388.451
STORY18	B1	DEAD	252.000	23.875	-22.317

STORY18	B1	DEAD	270.000	25.984	-471.052
STORY18	B1	LIVE	18.000	-5.434	-91.850
STORY18	B1	LIVE	36.000	-5.434	5.959
STORY18	B1	LIVE	54.000	-5.434	103.767
STORY18	B1	LIVE	72.000	-5.434	201.576
STORY18	B1	LIVE	72.000	-2.337	206.421
STORY18	B1	LIVE	96.000	-2.337	262.497
STORY18	B1	LIVE	120.000	-2.337	318.574
STORY18	B1	LIVE	144.000	-2.337	374.650
STORY18	B1	LIVE	144.000	2.337	374.650
STORY18	B1	LIVE	168.000	2.337	318.574
STORY18	B1	LIVE	192.000	2.337	262.497
STORY18	B1	LIVE	216.000	2.337	206.421
STORY18	B1	LIVE	216.000	5.434	201.576
STORY18	B1	LIVE	234.000	5.434	103.767
STORY18	B1	LIVE	252.000	5.434	5.959
STORY18	B1	LIVE	270.000	5.434	-91.850
STORY18	B1	WIND	18.000	249.263	31593.590
STORY18	B1	WIND	36.000	249.263	27106.860
STORY18	B1	WIND	54.000	249.263	22620.120
STORY18	B1	WIND	72.000	249.263	18133.380
STORY18	B1	WIND	72.000	248.297	17962.370
STORY18	B1	WIND	96.000	248.297	12003.250
STORY18	B1	WIND	120.000	248.297	6044.123
STORY18	B1	WIND	144.000	248.297	85.001
STORY18	B1	WIND	144.000	248.297	-85.001
STORY18	B1	WIND	168.000	248.297	-6044.123
STORY18	B1	WIND	192.000	248.297	-12003.250
STORY18	B1	WIND	216.000	248.297	-17962.370
STORY18	B1	WIND	216.000	249.263	-18133.380
STORY18	B1	WIND	234.000	249.263	-22620.120
STORY18	B1	WIND	252.000	249.263	-27106.860
STORY18	B1	WIND	270.000	249.263	-31593.590
STORY17	B1	DEAD	18.000	-25.986	-540.311
STORY17	B1	DEAD	36.000	-23.877	-91.550
STORY17	B1	DEAD	54.000	-21.767	319.246
STORY17	B1	DEAD	72.000	-19.658	692.075
STORY17	B1	DEAD	72.000	-13.209	707.815
STORY17	B1	DEAD	96.000	-10.397	991.081
STORY17	B1	DEAD	120.000	-7.584	1206.852
STORY17	B1	DEAD	144.000	-4.772	1355.126
STORY17	B1	DEAD	144.000	4.772	1355.126
STORY17	B1	DEAD	168.000	7.584	1206.852
STORY17	B1	DEAD	192.000	10.397	991.081
STORY17	B1	DEAD	216.000	13.209	707.815
STORY17	B1	DEAD	216.000	19.658	692.075
STORY17	B1	DEAD	234.000	21.767	319.246

STORY17	B1	DEAD	252.000	23.877	-91.550
STORY17	B1	DEAD	270.000	25.986	-540.311
STORY17	B1	LIVE	18.000	-5.434	-110.456
STORY17	B1	LIVE	36.000	-5.434	-12.641
STORY17	B1	LIVE	54.000	-5.434	85.175
STORY17	B1	LIVE	72.000	-5.434	182.991
STORY17	B1	LIVE	72.000	-2.337	187.836
STORY17	B1	LIVE	96.000	-2.337	243.913
STORY17	B1	LIVE	120.000	-2.337	299.990
STORY17	B1	LIVE	144.000	-2.337	356.067
STORY17	B1	LIVE	144.000	2.337	356.067
STORY17	B1	LIVE	168.000	2.337	299.990
STORY17	B1	LIVE	192.000	2.337	243.913
STORY17	B1	LIVE	216.000	2.337	187.836
STORY17	B1	LIVE	216.000	5.434	182.991
STORY17	B1	LIVE	234.000	5.434	85.175
STORY17	B1	LIVE	252.000	5.434	-12.641
STORY17	B1	LIVE	270.000	5.434	-110.456
STORY17	B1	WIND	18.000	269.198	34121.090
STORY17	B1	WIND	36.000	269.198	29275.530
STORY17	B1	WIND	54.000	269.198	24429.960
STORY17	B1	WIND	72.000	269.198	19584.390
STORY17	B1	WIND	72.000	268.165	19399.690
STORY17	B1	WIND	96.000	268.165	12963.720
STORY17	B1	WIND	120.000	268.165	6527.764
STORY17	B1	WIND	144.000	268.165	91.804
STORY17	B1	WIND	144.000	268.165	-91.804
STORY17	B1	WIND	168.000	268.165	-6527.764
STORY17	B1	WIND	192.000	268.165	-12963.720
STORY17	B1	WIND	216.000	268.165	-19399.690
STORY17	B1	WIND	216.000	269.198	-19584.390
STORY17	B1	WIND	234.000	269.198	-24429.960
STORY17	B1	WIND	252.000	269.198	-29275.530
STORY17	B1	WIND	270.000	269.198	-34121.090
STORY16	B1	DEAD	20.000	-25.753	-561.211
STORY16	B1	DEAD	37.333	-23.722	-132.429
STORY16	B1	DEAD	54.667	-21.691	261.148
STORY16	B1	DEAD	72.000	-19.660	619.518
STORY16	B1	DEAD	72.000	-13.209	635.258
STORY16	B1	DEAD	96.000	-10.397	918.526
STORY16	B1	DEAD	120.000	-7.584	1134.299
STORY16	B1	DEAD	144.000	-4.772	1282.576
STORY16	B1	DEAD	144.000	4.772	1282.576
STORY16	B1	DEAD	168.000	7.584	1134.299
STORY16	B1	DEAD	192.000	10.397	918.526
STORY16	B1	DEAD	216.000	13.209	635.258
STORY16	B1	DEAD	216.000	19.660	619.518

STORY16	BI	DEAD	233.333	21.691	261.148
STORY16	BI	DEAD	250.667	23.722	-132.429
STORY16	BI	DEAD	268.000	25.753	-561.211
STORY16	BI	LIVE	20.000	-5.435	-119.102
STORY16	BI	LIVE	37.333	-5.435	-24.902
STORY16	BI	LIVE	54.667	-5.435	69.298
STORY16	BI	LIVE	72.000	-5.435	163.498
STORY16	BI	LIVE	72.000	-2.337	168.343
STORY16	BI	LIVE	96.000	-2.337	224.421
STORY16	BI	LIVE	120.000	-2.337	280.498
STORY16	BI	LIVE	144.000	-2.337	336.576
STORY16	BI	LIVE	144.000	2.337	336.576
STORY16	BI	LIVE	168.000	2.337	280.498
STORY16	BI	LIVE	192.000	2.337	224.421
STORY16	BI	LIVE	216.000	2.337	168.343
STORY16	BI	LIVE	216.000	5.435	163.498
STORY16	BI	LIVE	233.333	5.435	69.298
STORY16	BI	LIVE	250.667	5.435	-24.902
STORY16	BI	LIVE	268.000	5.435	-119.102
STORY16	BI	WIND	20.000	286.760	35774.600
STORY16	BI	WIND	37.333	286.760	30804.090
STORY16	BI	WIND	54.667	286.760	25833.590
STORY16	BI	WIND	72.000	286.760	20863.080
STORY16	BI	WIND	72.000	285.674	20666.310
STORY16	BI	WIND	96.000	285.674	13810.140
STORY16	BI	WIND	120.000	285.674	6953.968
STORY16	BI	WIND	144.000	285.674	97.799
STORY16	BI	WIND	144.000	285.674	-97.799
STORY16	BI	WIND	168.000	285.674	-6953.968
STORY16	BI	WIND	192.000	285.674	-13810.140
STORY16	BI	WIND	216.000	285.674	-20666.310
STORY16	BI	WIND	216.000	286.760	-20863.080
STORY16	BI	WIND	233.333	286.760	-25833.590
STORY16	BI	WIND	250.667	286.760	-30804.090
STORY16	BI	WIND	268.000	286.760	-35774.600
STORY15	BI	DEAD	20.000	-25.755	-632.120
STORY15	BI	DEAD	37.333	-23.723	-203.311
STORY15	BI	DEAD	54.667	-21.692	190.292
STORY15	BI	DEAD	72.000	-19.661	548.689
STORY15	BI	DEAD	72.000	-13.209	564.427
STORY15	BI	DEAD	96.000	-10.397	847.698
STORY15	BI	DEAD	120.000	-7.584	1063.473
STORY15	BI	DEAD	144.000	-4.772	1211.753
STORY15	BI	DEAD	144.000	4.772	1211.753
STORY15	BI	DEAD	168.000	7.584	1063.473
STORY15	BI	DEAD	192.000	10.397	847.698
STORY15	BI	DEAD	216.000	13.209	564.427

STORY15	B1	DEAD	216.000	19.661	548.689
STORY15	B1	DEAD	233.333	21.692	190.292
STORY15	B1	DEAD	250.667	23.723	-203.311
STORY15	B1	DEAD	268.000	25.755	-632.120
STORY15	B1	LIVE	20.000	-5.435	-138.152
STORY15	B1	LIVE	37.333	-5.435	-43.944
STORY15	B1	LIVE	54.667	-5.435	50.263
STORY15	B1	LIVE	72.000	-5.435	144.470
STORY15	B1	LIVE	72.000	-2.337	149.315
STORY15	B1	LIVE	96.000	-2.337	205.393
STORY15	B1	LIVE	120.000	-2.337	261.471
STORY15	B1	LIVE	144.000	-2.337	317.549
STORY15	B1	LIVE	144.000	2.337	317.549
STORY15	B1	LIVE	168.000	2.337	261.471
STORY15	B1	LIVE	192.000	2.337	205.393
STORY15	B1	LIVE	216.000	2.337	149.315
STORY15	B1	LIVE	216.000	5.435	144.470
STORY15	B1	LIVE	233.333	5.435	50.263
STORY15	B1	LIVE	250.667	5.435	-43.944
STORY15	B1	LIVE	268.000	5.435	-138.152
STORY15	B1	WIND	20.000	306.491	38237.220
STORY15	B1	WIND	37.333	306.491	32924.700
STORY15	B1	WIND	54.667	306.491	27612.190
STORY15	B1	WIND	72.000	306.491	22299.680
STORY15	B1	WIND	72.000	305.345	22089.350
STORY15	B1	WIND	96.000	305.345	14761.080
STORY15	B1	WIND	120.000	305.345	7432.805
STORY15	B1	WIND	144.000	305.345	104.535
STORY15	B1	WIND	144.000	305.345	-104.535
STORY15	B1	WIND	168.000	305.345	-7432.805
STORY15	B1	WIND	192.000	305.345	-14761.080
STORY15	B1	WIND	216.000	305.345	-22089.350
STORY15	B1	WIND	216.000	306.491	-22299.680
STORY15	B1	WIND	233.333	306.491	-27612.190
STORY15	B1	WIND	250.667	306.491	-32924.700
STORY15	B1	WIND	268.000	306.491	-38237.220
STORY14	B1	DEAD	20.000	-25.754	-607.882
STORY14	B1	DEAD	37.333	-23.723	-179.082
STORY14	B1	DEAD	54.667	-21.692	214.512
STORY14	B1	DEAD	72.000	-19.661	572.900
STORY14	B1	DEAD	72.000	-13.209	588.639
STORY14	B1	DEAD	96.000	-10.397	871.909
STORY14	B1	DEAD	120.000	-7.584	1087.683
STORY14	B1	DEAD	144.000	-4.772	1235.962
STORY14	B1	DEAD	144.000	4.772	1235.962
STORY14	B1	DEAD	168.000	7.584	1087.683
STORY14	B1	DEAD	192.000	10.397	871.909

STORY14	B1	DEAD	216.000	13.209	588.639
STORY14	B1	DEAD	216.000	19.661	572.900
STORY14	B1	DEAD	233.333	21.692	214.512
STORY14	B1	DEAD	250.667	23.723	-179.082
STORY14	B1	DEAD	268.000	25.754	-607.882
STORY14	B1	LIVE	20.000	-5.435	-131.641
STORY14	B1	LIVE	37.333	-5.435	-37.436
STORY14	B1	LIVE	54.667	-5.435	56.769
STORY14	B1	LIVE	72.000	-5.435	150.974
STORY14	B1	LIVE	72.000	-2.337	155.818
STORY14	B1	LIVE	96.000	-2.337	211.896
STORY14	B1	LIVE	120.000	-2.337	267.974
STORY14	B1	LIVE	144.000	-2.337	324.052
STORY14	B1	LIVE	144.000	2.337	324.052
STORY14	B1	LIVE	168.000	2.337	267.974
STORY14	B1	LIVE	192.000	2.337	211.896
STORY14	B1	LIVE	216.000	2.337	155.818
STORY14	B1	LIVE	216.000	5.435	150.974
STORY14	B1	LIVE	233.333	5.435	56.769
STORY14	B1	LIVE	250.667	5.435	-37.436
STORY14	B1	LIVE	268.000	5.435	-131.641
STORY14	B1	WIND	20.000	324.777	40518.630
STORY14	B1	WIND	37.333	324.777	34889.160
STORY14	B1	WIND	54.667	324.777	29259.680
STORY14	B1	WIND	72.000	324.777	23630.210
STORY14	B1	WIND	72.000	323.563	23407.330
STORY14	B1	WIND	96.000	323.563	15641.810
STORY14	B1	WIND	120.000	323.563	7876.292
STORY14	B1	WIND	144.000	323.563	110.772
STORY14	B1	WIND	144.000	323.563	-110.772
STORY14	B1	WIND	168.000	323.563	-7876.292
STORY14	B1	WIND	192.000	323.563	-15641.810
STORY14	B1	WIND	216.000	323.563	-23407.330
STORY14	B1	WIND	216.000	324.777	-23630.210
STORY14	B1	WIND	233.333	324.777	-29259.680
STORY14	B1	WIND	250.667	324.777	-34889.160
STORY14	B1	WIND	268.000	324.777	-40518.630
STORY13	B1	DEAD	22.000	-25.521	-623.414
STORY13	B1	DEAD	38.667	-23.568	-214.338
STORY13	B1	DEAD	55.333	-21.615	162.189
STORY13	B1	DEAD	72.000	-19.662	506.165
STORY13	B1	DEAD	72.000	-13.209	521.903
STORY13	B1	DEAD	96.000	-10.397	805.175
STORY13	B1	DEAD	120.000	-7.585	1020.952
STORY13	B1	DEAD	144.000	-4.772	1169.233
STORY13	B1	DEAD	144.000	4.772	1169.233
STORY13	B1	DEAD	168.000	7.585	1020.952

STORY13	B1	DEAD	192.000	10.397	805.175
STORY13	B1	DEAD	216.000	13.209	521.903
STORY13	B1	DEAD	216.000	19.662	506.165
STORY13	B1	DEAD	232.667	21.615	162.189
STORY13	B1	DEAD	249.333	23.568	-214.338
STORY13	B1	DEAD	266.000	25.521	-623.414
STORY13	B1	LIVE	22.000	-5.435	-138.714
STORY13	B1	LIVE	38.667	-5.435	-48.126
STORY13	B1	LIVE	55.333	-5.435	42.462
STORY13	B1	LIVE	72.000	-5.435	133.049
STORY13	B1	LIVE	72.000	-2.337	137.894
STORY13	B1	LIVE	96.000	-2.337	193.973
STORY13	B1	LIVE	120.000	-2.337	250.051
STORY13	B1	LIVE	144.000	-2.337	306.130
STORY13	B1	LIVE	144.000	2.337	306.130
STORY13	B1	LIVE	168.000	2.337	250.051
STORY13	B1	LIVE	192.000	2.337	193.973
STORY13	B1	LIVE	216.000	2.337	137.894
STORY13	B1	LIVE	216.000	5.435	133.049
STORY13	B1	LIVE	232.667	5.435	42.462
STORY13	B1	LIVE	249.333	5.435	-48.126
STORY13	B1	LIVE	266.000	5.435	-138.714
STORY13	B1	WIND	22.000	340.337	41780.710
STORY13	B1	WIND	38.667	340.337	36108.420
STORY13	B1	WIND	55.333	340.337	30436.130
STORY13	B1	WIND	72.000	340.337	24763.840
STORY13	B1	WIND	72.000	339.086	24530.280
STORY13	B1	WIND	96.000	339.086	16392.210
STORY13	B1	WIND	120.000	339.086	8254.150
STORY13	B1	WIND	144.000	339.086	116.088
STORY13	B1	WIND	144.000	339.086	-116.088
STORY13	B1	WIND	168.000	339.086	-8254.150
STORY13	B1	WIND	192.000	339.086	-16392.210
STORY13	B1	WIND	216.000	339.086	-24530.280
STORY13	B1	WIND	216.000	340.337	-24763.840
STORY13	B1	WIND	232.667	340.337	-30436.130
STORY13	B1	WIND	249.333	340.337	-36108.420
STORY13	B1	WIND	266.000	340.337	-41780.710
STORY12	B1	DEAD	22.000	-25.522	-661.694
STORY12	B1	DEAD	38.667	-23.569	-252.605
STORY12	B1	DEAD	55.333	-21.616	123.935
STORY12	B1	DEAD	72.000	-19.663	467.925
STORY12	B1	DEAD	72.000	-13.209	483.662
STORY12	B1	DEAD	96.000	-10.397	766.935
STORY12	B1	DEAD	120.000	-7.585	982.713
STORY12	B1	DEAD	144.000	-4.772	1130.996
STORY12	B1	DEAD	144.000	4.772	1130.996

STORY12	B1	DEAD	168.000	7.585	982.713
STORY12	B1	DEAD	192.000	10.397	766.935
STORY12	B1	DEAD	216.000	13.209	483.662
STORY12	B1	DEAD	216.000	19.663	467.925
STORY12	B1	DEAD	232.667	21.616	123.935
STORY12	B1	DEAD	249.333	23.569	-252.605
STORY12	B1	DEAD	266.000	25.522	-661.694
STORY12	B1	LIVE	22.000	-5.435	-149.019
STORY12	B1	LIVE	38.667	-5.435	-58.427
STORY12	B1	LIVE	55.333	-5.435	32.164
STORY12	B1	LIVE	72.000	-5.435	122.756
STORY12	B1	LIVE	72.000	-2.337	127.600
STORY12	B1	LIVE	96.000	-2.337	183.679
STORY12	B1	LIVE	120.000	-2.337	239.758
STORY12	B1	LIVE	144.000	-2.337	295.837
STORY12	B1	LIVE	144.000	2.337	295.837
STORY12	B1	LIVE	168.000	2.337	239.758
STORY12	B1	LIVE	192.000	2.337	183.679
STORY12	B1	LIVE	216.000	2.337	127.600
STORY12	B1	LIVE	216.000	5.435	122.756
STORY12	B1	LIVE	232.667	5.435	32.164
STORY12	B1	LIVE	249.333	5.435	-58.427
STORY12	B1	LIVE	266.000	5.435	-149.019
STORY12	B1	WIND	22.000	359.159	44092.550
STORY12	B1	WIND	38.667	359.159	38106.560
STORY12	B1	WIND	55.333	359.159	32120.570
STORY12	B1	WIND	72.000	359.159	26134.590
STORY12	B1	WIND	72.000	357.855	25888.090
STORY12	B1	WIND	96.000	357.855	17299.570
STORY12	B1	WIND	120.000	357.855	8711.040
STORY12	B1	WIND	144.000	357.855	122.515
STORY12	B1	WIND	144.000	357.855	-122.515
STORY12	B1	WIND	168.000	357.855	-8711.040
STORY12	B1	WIND	192.000	357.855	-17299.570
STORY12	B1	WIND	216.000	357.855	-25888.090
STORY12	B1	WIND	216.000	359.159	-26134.590
STORY12	B1	WIND	232.667	359.159	-32120.570
STORY12	B1	WIND	249.333	359.159	-38106.560
STORY12	B1	WIND	266.000	359.159	-44092.550
STORY11	B1	DEAD	24.000	-25.288	-648.352
STORY11	B1	DEAD	48.000	-22.476	-75.178
STORY11	B1	DEAD	72.000	-19.664	430.501
STORY11	B1	DEAD	72.000	-13.209	446.237
STORY11	B1	DEAD	96.000	-10.397	729.513
STORY11	B1	DEAD	120.000	-7.585	945.293
STORY11	B1	DEAD	144.000	-4.772	1093.578
STORY11	B1	DEAD	144.000	4.772	1093.578

STORY11	B1	DEAD	168.000	7.585	945.293
STORY11	B1	DEAD	192.000	10.397	729.513
STORY11	B1	DEAD	216.000	13.209	446.237
STORY11	B1	DEAD	216.000	19.664	430.501
STORY11	B1	DEAD	240.000	22.476	-75.178
STORY11	B1	DEAD	264.000	25.288	-648.352
STORY11	B1	LIVE	24.000	-5.436	-148.108
STORY11	B1	LIVE	48.000	-5.436	-17.652
STORY11	B1	LIVE	72.000	-5.436	112.805
STORY11	B1	LIVE	72.000	-2.337	117.649
STORY11	B1	LIVE	96.000	-2.337	173.728
STORY11	B1	LIVE	120.000	-2.337	229.807
STORY11	B1	LIVE	144.000	-2.337	285.886
STORY11	B1	LIVE	144.000	2.337	285.886
STORY11	B1	LIVE	168.000	2.337	229.807
STORY11	B1	LIVE	192.000	2.337	173.728
STORY11	B1	LIVE	216.000	2.337	117.649
STORY11	B1	LIVE	216.000	5.436	112.805
STORY11	B1	LIVE	240.000	5.436	-17.652
STORY11	B1	LIVE	264.000	5.436	-148.108
STORY11	B1	WIND	24.000	372.825	45026.040
STORY11	B1	WIND	48.000	372.825	36078.250
STORY11	B1	WIND	72.000	372.825	27130.460
STORY11	B1	WIND	72.000	371.491	26874.570
STORY11	B1	WIND	96.000	371.491	17958.770
STORY11	B1	WIND	120.000	371.491	9042.979
STORY11	B1	WIND	144.000	371.491	127.185
STORY11	B1	WIND	144.000	371.491	-127.185
STORY11	B1	WIND	168.000	371.491	-9042.979
STORY11	B1	WIND	192.000	371.491	-17958.770
STORY11	B1	WIND	216.000	371.491	-26874.570
STORY11	B1	WIND	216.000	372.825	-27130.460
STORY11	B1	WIND	240.000	372.825	-36078.250
STORY11	B1	WIND	264.000	372.825	-45026.040
STORY10	B1	DEAD	24.000	-25.288	-676.319
STORY10	B1	DEAD	48.000	-22.476	-103.146
STORY10	B1	DEAD	72.000	-19.664	402.531
STORY10	B1	DEAD	72.000	-13.209	418.267
STORY10	B1	DEAD	96.000	-10.397	701.539
STORY10	B1	DEAD	120.000	-7.585	917.315
STORY10	B1	DEAD	144.000	-4.772	1065.595
STORY10	B1	DEAD	144.000	4.772	1065.595
STORY10	B1	DEAD	168.000	7.585	917.315
STORY10	B1	DEAD	192.000	10.397	701.539
STORY10	B1	DEAD	216.000	13.209	418.267
STORY10	B1	DEAD	216.000	19.664	402.531
STORY10	B1	DEAD	240.000	22.476	-103.146

STORY10	B1	DEAD	264.000	25.288	-676.319
STORY10	B1	LIVE	24.000	-5.436	-156.096
STORY10	B1	LIVE	48.000	-5.436	-25.635
STORY10	B1	LIVE	72.000	-5.436	104.827
STORY10	B1	LIVE	72.000	-2.337	109.671
STORY10	B1	LIVE	96.000	-2.337	165.751
STORY10	B1	LIVE	120.000	-2.337	221.831
STORY10	B1	LIVE	144.000	-2.337	277.910
STORY10	B1	LIVE	144.000	2.337	277.910
STORY10	B1	LIVE	168.000	2.337	221.831
STORY10	B1	LIVE	192.000	2.337	165.751
STORY10	B1	LIVE	216.000	2.337	109.671
STORY10	B1	LIVE	216.000	5.436	104.827
STORY10	B1	LIVE	240.000	5.436	-25.635
STORY10	B1	LIVE	264.000	5.436	-156.096
STORY10	B1	WIND	24.000	386.105	46633.440
STORY10	B1	WIND	48.000	386.105	37366.920
STORY10	B1	WIND	72.000	386.105	28100.400
STORY10	B1	WIND	72.000	384.773	27835.370
STORY10	B1	WIND	96.000	384.773	18600.820
STORY10	B1	WIND	120.000	384.773	9366.279
STORY10	B1	WIND	144.000	384.773	131.735
STORY10	B1	WIND	144.000	384.773	-131.735
STORY10	B1	WIND	168.000	384.773	-9366.279
STORY10	B1	WIND	192.000	384.773	-18600.820
STORY10	B1	WIND	216.000	384.773	-27835.370
STORY10	B1	WIND	216.000	386.105	-28100.400
STORY10	B1	WIND	240.000	386.105	-37366.920
STORY10	B1	WIND	264.000	386.105	-46633.440
STORY9	B1	DEAD	26.000	-25.057	-656.413
STORY9	B1	DEAD	49.000	-22.362	-111.099
STORY9	B1	DEAD	72.000	-19.667	372.228
STORY9	B1	DEAD	72.000	-13.210	387.962
STORY9	B1	DEAD	96.000	-10.398	671.252
STORY9	B1	DEAD	120.000	-7.585	887.046
STORY9	B1	DEAD	144.000	-4.773	1035.345
STORY9	B1	DEAD	144.000	4.773	1035.345
STORY9	B1	DEAD	168.000	7.585	887.046
STORY9	B1	DEAD	192.000	10.398	671.252
STORY9	B1	DEAD	216.000	13.210	387.962
STORY9	B1	DEAD	216.000	19.667	372.228
STORY9	B1	DEAD	239.000	22.362	-111.099
STORY9	B1	DEAD	262.000	25.057	-656.413
STORY9	B1	LIVE	26.000	-5.435	-151.118
STORY9	B1	LIVE	49.000	-5.435	-26.102
STORY9	B1	LIVE	72.000	-5.435	98.913
STORY9	B1	LIVE	72.000	-2.336	103.757

STORY9	B1	LIVE	96.000	-2.336	159.833
STORY9	B1	LIVE	120.000	-2.336	215.909
STORY9	B1	LIVE	144.000	-2.336	271.984
STORY9	B1	LIVE	144.000	2.336	271.984
STORY9	B1	LIVE	168.000	2.336	215.909
STORY9	B1	LIVE	192.000	2.336	159.833
STORY9	B1	LIVE	216.000	2.336	103.757
STORY9	B1	LIVE	216.000	5.435	98.913
STORY9	B1	LIVE	239.000	5.435	-26.102
STORY9	B1	LIVE	262.000	5.435	-151.118
STORY9	B1	WIND	26.000	376.664	44740.680
STORY9	B1	WIND	49.000	376.664	36077.400
STORY9	B1	WIND	72.000	376.664	27414.120
STORY9	B1	WIND	72.000	375.373	27155.390
STORY9	B1	WIND	96.000	375.373	18146.430
STORY9	B1	WIND	120.000	375.373	9137.472
STORY9	B1	WIND	144.000	375.373	128.513
STORY9	B1	WIND	144.000	375.373	-128.513
STORY9	B1	WIND	168.000	375.373	-9137.472
STORY9	B1	WIND	192.000	375.373	-18146.430
STORY9	B1	WIND	216.000	375.373	-27155.390
STORY9	B1	WIND	216.000	376.664	-27414.120
STORY9	B1	WIND	239.000	376.664	-36077.400
STORY9	B1	WIND	262.000	376.664	-44740.680
STORY8	B1	DEAD	26.000	-31.519	-684.123
STORY8	B1	DEAD	49.000	-27.686	-3.260
STORY8	B1	DEAD	72.000	-23.853	589.442
STORY8	B1	DEAD	72.000	-17.017	603.592
STORY8	B1	DEAD	96.000	-13.017	964.005
STORY8	B1	DEAD	120.000	-9.018	1228.424
STORY8	B1	DEAD	144.000	-5.018	1396.849
STORY8	B1	DEAD	144.000	5.018	1396.849
STORY8	B1	DEAD	168.000	9.018	1228.424
STORY8	B1	DEAD	192.000	13.017	964.005
STORY8	B1	DEAD	216.000	17.017	603.592
STORY8	B1	DEAD	216.000	23.853	589.442
STORY8	B1	DEAD	239.000	27.686	-3.260
STORY8	B1	DEAD	262.000	31.519	-684.123
STORY8	B1	LIVE	26.000	-5.692	-132.785
STORY8	B1	LIVE	49.000	-5.692	-1.879
STORY8	B1	LIVE	72.000	-5.692	129.027
STORY8	B1	LIVE	72.000	-2.433	133.041
STORY8	B1	LIVE	96.000	-2.433	191.436
STORY8	B1	LIVE	120.000	-2.433	249.830
STORY8	B1	LIVE	144.000	-2.433	308.225
STORY8	B1	LIVE	144.000	2.433	308.225
STORY8	B1	LIVE	168.000	2.433	249.830

STORY8	B1	LIVE	192.000	2.433	191.436
STORY8	B1	LIVE	216.000	2.433	133.041
STORY8	B1	LIVE	216.000	5.692	129.027
STORY8	B1	LIVE	239.000	5.692	-1.879
STORY8	B1	LIVE	262.000	5.692	-132.785
STORY8	B1	WIND	26.000	510.578	60698.910
STORY8	B1	WIND	49.000	510.578	48955.630
STORY8	B1	WIND	72.000	510.578	37212.340
STORY8	B1	WIND	72.000	511.625	36961.210
STORY8	B1	WIND	96.000	511.625	24682.200
STORY8	B1	WIND	120.000	511.625	12403.190
STORY8	B1	WIND	144.000	511.625	124.187
STORY8	B1	WIND	144.000	511.625	-124.187
STORY8	B1	WIND	168.000	511.625	-12403.190
STORY8	B1	WIND	192.000	511.625	-24682.200
STORY8	B1	WIND	216.000	511.625	-36961.210
STORY8	B1	WIND	216.000	510.578	-37212.340
STORY8	B1	WIND	239.000	510.578	-48955.630
STORY8	B1	WIND	262.000	510.578	-60698.910
STORY7	B1	DEAD	27.000	-31.337	-668.140
STORY7	B1	DEAD	49.500	-27.588	-5.235
STORY7	B1	DEAD	72.000	-23.838	573.301
STORY7	B1	DEAD	72.000	-17.006	587.432
STORY7	B1	DEAD	96.000	-13.007	947.584
STORY7	B1	DEAD	120.000	-9.007	1211.743
STORY7	B1	DEAD	144.000	-5.007	1379.908
STORY7	B1	DEAD	144.000	5.007	1379.908
STORY7	B1	DEAD	168.000	9.007	1211.743
STORY7	B1	DEAD	192.000	13.007	947.584
STORY7	B1	DEAD	216.000	17.006	587.432
STORY7	B1	DEAD	216.000	23.838	573.301
STORY7	B1	DEAD	238.500	27.588	-5.235
STORY7	B1	DEAD	261.000	31.337	-668.140
STORY7	B1	LIVE	27.000	-5.678	-127.161
STORY7	B1	LIVE	49.500	-5.678	0.589
STORY7	B1	LIVE	72.000	-5.678	128.338
STORY7	B1	LIVE	72.000	-2.426	132.344
STORY7	B1	LIVE	96.000	-2.426	190.571
STORY7	B1	LIVE	120.000	-2.426	248.797
STORY7	B1	LIVE	144.000	-2.426	307.024
STORY7	B1	LIVE	144.000	2.426	307.024
STORY7	B1	LIVE	168.000	2.426	248.797
STORY7	B1	LIVE	192.000	2.426	190.571
STORY7	B1	LIVE	216.000	2.426	132.344
STORY7	B1	LIVE	216.000	5.678	128.338
STORY7	B1	LIVE	238.500	5.678	0.589
STORY7	B1	LIVE	261.000	5.678	-127.161

STORY7	B1	WIND	27.000	469.117	55211.840
STORY7	B1	WIND	49.500	469.117	44656.720
STORY7	B1	WIND	72.000	469.117	34101.600
STORY7	B1	WIND	72.000	468.877	33872.560
STORY7	B1	WIND	96.000	468.877	22619.510
STORY7	B1	WIND	120.000	468.877	11366.460
STORY7	B1	WIND	144.000	468.877	113.414
STORY7	B1	WIND	144.000	468.877	-113.414
STORY7	B1	WIND	168.000	468.877	-11366.460
STORY7	B1	WIND	192.000	468.877	-22619.510
STORY7	B1	WIND	216.000	468.877	-33872.560
STORY7	B1	WIND	216.000	469.117	-34101.600
STORY7	B1	WIND	238.500	469.117	-44656.720
STORY7	B1	WIND	261.000	469.117	-55211.840
STORY6	B1	DEAD	29.000	-31.004	-665.650
STORY6	B1	DEAD	50.500	-27.421	-37.579
STORY6	B1	DEAD	72.000	-23.838	513.455
STORY6	B1	DEAD	72.000	-17.006	527.585
STORY6	B1	DEAD	96.000	-13.006	887.733
STORY6	B1	DEAD	120.000	-9.007	1151.887
STORY6	B1	DEAD	144.000	-5.007	1320.048
STORY6	B1	DEAD	144.000	5.007	1320.048
STORY6	B1	DEAD	168.000	9.007	1151.887
STORY6	B1	DEAD	192.000	13.006	887.733
STORY6	B1	DEAD	216.000	17.006	527.585
STORY6	B1	DEAD	216.000	23.838	513.455
STORY6	B1	DEAD	237.500	27.421	-37.579
STORY6	B1	DEAD	259.000	31.004	-665.650
STORY6	B1	LIVE	29.000	-5.679	-130.045
STORY6	B1	LIVE	50.500	-5.679	-7.956
STORY6	B1	LIVE	72.000	-5.679	114.134
STORY6	B1	LIVE	72.000	-2.426	118.140
STORY6	B1	LIVE	96.000	-2.426	176.372
STORY6	B1	LIVE	120.000	-2.426	234.603
STORY6	B1	LIVE	144.000	-2.426	292.835
STORY6	B1	LIVE	144.000	2.426	292.835
STORY6	B1	LIVE	168.000	2.426	234.603
STORY6	B1	LIVE	192.000	2.426	176.372
STORY6	B1	LIVE	216.000	2.426	118.140
STORY6	B1	LIVE	216.000	5.679	114.134
STORY6	B1	LIVE	237.500	5.679	-7.956
STORY6	B1	LIVE	259.000	5.679	-130.045
STORY6	B1	WIND	29.000	463.723	53650.040
STORY6	B1	WIND	50.500	463.723	43680.010
STORY6	B1	WIND	72.000	463.723	33709.970
STORY6	B1	WIND	72.000	463.494	33483.700
STORY6	B1	WIND	96.000	463.494	22359.840

STORY6	B1	WIND	120.000	463.494	11235.980
STORY6	B1	WIND	144.000	463.494	112.116
STORY6	B1	WIND	144.000	463.494	-112.116
STORY6	B1	WIND	168.000	463.494	-11235.980
STORY6	B1	WIND	192.000	463.494	-22359.840
STORY6	B1	WIND	216.000	463.494	-33483.700
STORY6	B1	WIND	216.000	463.723	-33709.970
STORY6	B1	WIND	237.500	463.723	-43680.010
STORY6	B1	WIND	259.000	463.723	-53650.040
STORY5	B1	DEAD	30.000	-30.839	-675.880
STORY5	B1	DEAD	51.000	-27.339	-65.005
STORY5	B1	DEAD	72.000	-23.840	472.375
STORY5	B1	DEAD	72.000	-17.006	486.503
STORY5	B1	DEAD	96.000	-13.007	846.661
STORY5	B1	DEAD	120.000	-9.007	1110.824
STORY5	B1	DEAD	144.000	-5.007	1278.994
STORY5	B1	DEAD	144.000	5.007	1278.994
STORY5	B1	DEAD	168.000	9.007	1110.824
STORY5	B1	DEAD	192.000	13.007	846.661
STORY5	B1	DEAD	216.000	17.006	486.503
STORY5	B1	DEAD	216.000	23.840	472.375
STORY5	B1	DEAD	237.000	27.339	-65.005
STORY5	B1	DEAD	258.000	30.839	-675.880
STORY5	B1	LIVE	30.000	-5.679	-133.232
STORY5	B1	LIVE	51.000	-5.679	-13.977
STORY5	B1	LIVE	72.000	-5.679	105.279
STORY5	B1	LIVE	72.000	-2.426	109.285
STORY5	B1	LIVE	96.000	-2.426	167.517
STORY5	B1	LIVE	120.000	-2.426	225.750
STORY5	B1	LIVE	144.000	-2.426	283.982
STORY5	B1	LIVE	144.000	2.426	283.982
STORY5	B1	LIVE	168.000	2.426	225.750
STORY5	B1	LIVE	192.000	2.426	167.517
STORY5	B1	LIVE	216.000	2.426	109.285
STORY5	B1	LIVE	216.000	5.679	105.279
STORY5	B1	LIVE	237.000	5.679	-13.977
STORY5	B1	LIVE	258.000	5.679	-133.232
STORY5	B1	WIND	30.000	490.258	56226.950
STORY5	B1	WIND	51.000	490.258	45931.520
STORY5	B1	WIND	72.000	490.258	35636.100
STORY5	B1	WIND	72.000	489.977	35396.870
STORY5	B1	WIND	96.000	489.977	23637.420
STORY5	B1	WIND	120.000	489.977	11877.970
STORY5	B1	WIND	144.000	489.977	118.525
STORY5	B1	WIND	144.000	489.977	-118.525
STORY5	B1	WIND	168.000	489.977	-11877.970
STORY5	B1	WIND	192.000	489.977	-23637.420

STORY5	B1	WIND	216.000	489.977	-35396.870
STORY5	B1	WIND	216.000	490.258	-35636.100
STORY5	B1	WIND	237.000	490.258	-45931.520
STORY5	B1	WIND	258.000	490.258	-56226.950
STORY4	B1	DEAD	32.000	-30.506	-639.772
STORY4	B1	DEAD	52.000	-27.173	-62.974
STORY4	B1	DEAD	72.000	-23.840	447.162
STORY4	B1	DEAD	72.000	-17.007	461.290
STORY4	B1	DEAD	96.000	-13.007	821.450
STORY4	B1	DEAD	120.000	-9.007	1085.615
STORY4	B1	DEAD	144.000	-5.007	1253.787
STORY4	B1	DEAD	144.000	5.007	1253.787
STORY4	B1	DEAD	168.000	9.007	1085.615
STORY4	B1	DEAD	192.000	13.007	821.450
STORY4	B1	DEAD	216.000	17.007	461.290
STORY4	B1	DEAD	216.000	23.840	447.162
STORY4	B1	DEAD	236.000	27.173	-62.974
STORY4	B1	DEAD	256.000	30.506	-639.772
STORY4	B1	LIVE	32.000	-5.679	-129.559
STORY4	B1	LIVE	52.000	-5.679	-15.978
STORY4	B1	LIVE	72.000	-5.679	97.604
STORY4	B1	LIVE	72.000	-2.426	101.610
STORY4	B1	LIVE	96.000	-2.426	159.843
STORY4	B1	LIVE	120.000	-2.426	218.077
STORY4	B1	LIVE	144.000	-2.426	276.310
STORY4	B1	LIVE	144.000	2.426	276.310
STORY4	B1	LIVE	168.000	2.426	218.077
STORY4	B1	LIVE	192.000	2.426	159.843
STORY4	B1	LIVE	216.000	2.426	101.610
STORY4	B1	LIVE	216.000	5.679	97.604
STORY4	B1	LIVE	236.000	5.679	-15.978
STORY4	B1	LIVE	256.000	5.679	-129.559
STORY4	B1	WIND	32.000	551.593	62156.870
STORY4	B1	WIND	52.000	551.593	51125.020
STORY4	B1	WIND	72.000	551.593	40093.170
STORY4	B1	WIND	72.000	551.259	39823.990
STORY4	B1	WIND	96.000	551.259	26593.780
STORY4	B1	WIND	120.000	551.259	13363.560
STORY4	B1	WIND	144.000	551.259	133.350
STORY4	B1	WIND	144.000	551.259	-133.350
STORY4	B1	WIND	168.000	551.259	-13363.560
STORY4	B1	WIND	192.000	551.259	-26593.780
STORY4	B1	WIND	216.000	551.259	-39823.990
STORY4	B1	WIND	216.000	551.593	-40093.170
STORY4	B1	WIND	236.000	551.593	-51125.020
STORY4	B1	WIND	256.000	551.593	-62156.870
STORY3	B1	DEAD	34.000	-24.120	-562.910

STORY3	B1	DEAD	53.000	-21.894	-125.782
STORY3	B1	DEAD	72.000	-19.667	269.043
STORY3	B1	DEAD	72.000	-13.210	284.777
STORY3	B1	DEAD	96.000	-10.397	568.057
STORY3	B1	DEAD	120.000	-7.585	783.842
STORY3	B1	DEAD	144.000	-4.773	932.130
STORY3	B1	DEAD	144.000	4.773	932.130
STORY3	B1	DEAD	168.000	7.585	783.842
STORY3	B1	DEAD	192.000	10.397	568.057
STORY3	B1	DEAD	216.000	13.210	284.777
STORY3	B1	DEAD	216.000	19.667	269.043
STORY3	B1	DEAD	235.000	21.894	-125.782
STORY3	B1	DEAD	254.000	24.120	-562.910
STORY3	B1	LIVE	34.000	-5.437	-136.355
STORY3	B1	LIVE	53.000	-5.437	-33.060
STORY3	B1	LIVE	72.000	-5.437	70.236
STORY3	B1	LIVE	72.000	-2.337	75.079
STORY3	B1	LIVE	96.000	-2.337	131.160
STORY3	B1	LIVE	120.000	-2.337	187.241
STORY3	B1	LIVE	144.000	-2.337	243.322
STORY3	B1	LIVE	144.000	2.337	243.322
STORY3	B1	LIVE	168.000	2.337	187.241
STORY3	B1	LIVE	192.000	2.337	131.160
STORY3	B1	LIVE	216.000	2.337	75.079
STORY3	B1	LIVE	216.000	5.437	70.236
STORY3	B1	LIVE	235.000	5.437	-33.060
STORY3	B1	LIVE	254.000	5.437	-136.355
STORY3	B1	WIND	34.000	380.152	42108.310
STORY3	B1	WIND	53.000	380.152	34885.430
STORY3	B1	WIND	72.000	380.152	27662.540
STORY3	B1	WIND	72.000	378.776	27401.580
STORY3	B1	WIND	96.000	378.776	18310.950
STORY3	B1	WIND	120.000	378.776	9220.313
STORY3	B1	WIND	144.000	378.776	129.680
STORY3	B1	WIND	144.000	378.776	-129.680
STORY3	B1	WIND	168.000	378.776	-9220.313
STORY3	B1	WIND	192.000	378.776	-18310.950
STORY3	B1	WIND	216.000	378.776	-27401.580
STORY3	B1	WIND	216.000	380.152	-27662.540
STORY3	B1	WIND	235.000	380.152	-34885.430
STORY3	B1	WIND	254.000	380.152	-42108.310
STORY2	B1	DEAD	36.000	-23.886	-525.768
STORY2	B1	DEAD	54.000	-21.776	-114.809
STORY2	B1	DEAD	72.000	-19.667	258.184
STORY2	B1	DEAD	72.000	-13.209	273.918
STORY2	B1	DEAD	96.000	-10.397	557.198
STORY2	B1	DEAD	120.000	-7.585	772.982

STORY2	B1	DEAD	144.000	-4.773	921.270
STORY2	B1	DEAD	144.000	4.773	921.270
STORY2	B1	DEAD	168.000	7.585	772.982
STORY2	B1	DEAD	192.000	10.397	557.198
STORY2	B1	DEAD	216.000	13.209	273.918
STORY2	B1	DEAD	216.000	19.667	258.184
STORY2	B1	DEAD	234.000	21.776	-114.809
STORY2	B1	DEAD	252.000	23.886	-525.768
STORY2	B1	LIVE	36.000	-5.437	-129.472
STORY2	B1	LIVE	54.000	-5.437	-31.611
STORY2	B1	LIVE	72.000	-5.437	66.249
STORY2	B1	LIVE	72.000	-2.337	71.093
STORY2	B1	LIVE	96.000	-2.337	127.174
STORY2	B1	LIVE	120.000	-2.337	183.255
STORY2	B1	LIVE	144.000	-2.337	239.336
STORY2	B1	LIVE	144.000	2.337	239.336
STORY2	B1	LIVE	168.000	2.337	183.255
STORY2	B1	LIVE	192.000	2.337	127.174
STORY2	B1	LIVE	216.000	2.337	71.093
STORY2	B1	LIVE	216.000	5.437	66.249
STORY2	B1	LIVE	234.000	5.437	-31.611
STORY2	B1	LIVE	252.000	5.437	-129.472
STORY2	B1	WIND	36.000	361.789	39350.200
STORY2	B1	WIND	54.000	361.789	32838.000
STORY2	B1	WIND	72.000	361.789	26325.810
STORY2	B1	WIND	72.000	360.473	26077.440
STORY2	B1	WIND	96.000	360.473	17426.100
STORY2	B1	WIND	120.000	360.473	8774.756
STORY2	B1	WIND	144.000	360.473	123.413
STORY2	B1	WIND	144.000	360.473	-123.413
STORY2	B1	WIND	168.000	360.473	-8774.756
STORY2	B1	WIND	192.000	360.473	-17426.100
STORY2	B1	WIND	216.000	360.473	-26077.440
STORY2	B1	WIND	216.000	361.789	-26325.810
STORY2	B1	WIND	234.000	361.789	-32838.000
STORY2	B1	WIND	252.000	361.789	-39350.200
STORY1	B1	DEAD	38.000	-23.651	-477.852
STORY1	B1	DEAD	55.000	-21.659	-92.711
STORY1	B1	DEAD	72.000	-19.667	258.565
STORY1	B1	DEAD	72.000	-13.210	274.299
STORY1	B1	DEAD	96.000	-10.397	557.579
STORY1	B1	DEAD	120.000	-7.585	773.364
STORY1	B1	DEAD	144.000	-4.773	921.653
STORY1	B1	DEAD	144.000	4.773	921.653
STORY1	B1	DEAD	168.000	7.585	773.364
STORY1	B1	DEAD	192.000	10.397	557.579
STORY1	B1	DEAD	216.000	13.210	274.299

STORY1	B1	DEAD	216.000	19.667	258.565
STORY1	B1	DEAD	233.000	21.659	-92.711
STORY1	B1	DEAD	250.000	23.651	-477.852
STORY1	B1	LIVE	38.000	-5.437	-118.286
STORY1	B1	LIVE	55.000	-5.437	-25.862
STORY1	B1	LIVE	72.000	-5.437	66.562
STORY1	B1	LIVE	72.000	-2.337	71.405
STORY1	B1	LIVE	96.000	-2.337	127.486
STORY1	B1	LIVE	120.000	-2.337	183.567
STORY1	B1	LIVE	144.000	-2.337	239.648
STORY1	B1	LIVE	144.000	2.337	239.648
STORY1	B1	LIVE	168.000	2.337	183.567
STORY1	B1	LIVE	192.000	2.337	127.486
STORY1	B1	LIVE	216.000	2.337	71.405
STORY1	B1	LIVE	216.000	5.437	66.562
STORY1	B1	LIVE	233.000	5.437	-25.862
STORY1	B1	LIVE	250.000	5.437	-118.286
STORY1	B1	WIND	38.000	247.255	26398.100
STORY1	B1	WIND	55.000	247.255	22194.770
STORY1	B1	WIND	72.000	247.255	17991.440
STORY1	B1	WIND	72.000	246.352	17821.700
STORY1	B1	WIND	96.000	246.352	11909.250
STORY1	B1	WIND	120.000	246.352	5996.794
STORY1	B1	WIND	144.000	246.352	84.342
STORY1	B1	WIND	144.000	246.352	-84.342
STORY1	B1	WIND	168.000	246.352	-5996.794
STORY1	B1	WIND	192.000	246.352	-11909.250
STORY1	B1	WIND	216.000	246.352	-17821.700
STORY1	B1	WIND	216.000	247.255	-17991.440
STORY1	B1	WIND	233.000	247.255	-22194.770
STORY1	B1	WIND	250.000	247.255	-26398.100
STORY30	B2	DEAD	9.000	-27.014	435.544
STORY30	B2	DEAD	30.000	-24.554	977.009
STORY30	B2	DEAD	51.000	-22.093	1466.799
STORY30	B2	DEAD	72.000	-19.632	1904.911
STORY30	B2	DEAD	72.000	-13.207	1920.671
STORY30	B2	DEAD	96.000	-10.395	2203.894
STORY30	B2	DEAD	120.000	-7.583	2419.622
STORY30	B2	DEAD	144.000	-4.770	2567.854
STORY30	B2	DEAD	144.000	4.770	2567.854
STORY30	B2	DEAD	168.000	7.583	2419.622
STORY30	B2	DEAD	192.000	10.395	2203.894
STORY30	B2	DEAD	216.000	13.207	1920.671
STORY30	B2	DEAD	216.000	19.632	1904.911
STORY30	B2	DEAD	237.000	22.093	1466.799
STORY30	B2	DEAD	258.000	24.554	977.009
STORY30	B2	DEAD	279.000	27.014	435.544

STORY30	B2	LIVE	9.000	-5.427	166.905
STORY30	B2	LIVE	30.000	-5.427	280.877
STORY30	B2	LIVE	51.000	-5.427	394.849
STORY30	B2	LIVE	72.000	-5.427	508.820
STORY30	B2	LIVE	72.000	-2.336	513.671
STORY30	B2	LIVE	96.000	-2.336	569.736
STORY30	B2	LIVE	120.000	-2.336	625.802
STORY30	B2	LIVE	144.000	-2.336	681.867
STORY30	B2	LIVE	144.000	2.336	681.867
STORY30	B2	LIVE	168.000	2.336	625.802
STORY30	B2	LIVE	192.000	2.336	569.736
STORY30	B2	LIVE	216.000	2.336	513.671
STORY30	B2	LIVE	216.000	5.427	508.820
STORY30	B2	LIVE	237.000	5.427	394.849
STORY30	B2	LIVE	258.000	5.427	280.877
STORY30	B2	LIVE	279.000	5.427	166.905
STORY30	B2	WIND	9.000	5.592	758.953
STORY30	B2	WIND	30.000	5.592	641.513
STORY30	B2	WIND	51.000	5.592	524.073
STORY30	B2	WIND	72.000	5.592	406.633
STORY30	B2	WIND	72.000	5.568	402.800
STORY30	B2	WIND	96.000	5.568	269.169
STORY30	B2	WIND	120.000	5.568	135.537
STORY30	B2	WIND	144.000	5.568	1.906
STORY30	B2	WIND	144.000	5.568	-1.906
STORY30	B2	WIND	168.000	5.568	-135.537
STORY30	B2	WIND	192.000	5.568	-269.169
STORY30	B2	WIND	216.000	5.568	-402.800
STORY30	B2	WIND	216.000	5.592	-406.633
STORY30	B2	WIND	237.000	5.592	-524.073
STORY30	B2	WIND	258.000	5.592	-641.513
STORY30	B2	WIND	279.000	5.592	-758.953
STORY29	B2	DEAD	9.000	-27.016	350.007
STORY29	B2	DEAD	30.000	-24.556	891.511
STORY29	B2	DEAD	51.000	-22.095	1381.339
STORY29	B2	DEAD	72.000	-19.634	1819.490
STORY29	B2	DEAD	72.000	-13.207	1835.248
STORY29	B2	DEAD	96.000	-10.395	2118.475
STORY29	B2	DEAD	120.000	-7.583	2334.206
STORY29	B2	DEAD	144.000	-4.770	2482.441
STORY29	B2	DEAD	144.000	4.770	2482.441
STORY29	B2	DEAD	168.000	7.583	2334.206
STORY29	B2	DEAD	192.000	10.395	2118.475
STORY29	B2	DEAD	216.000	13.207	1835.248
STORY29	B2	DEAD	216.000	19.634	1819.490
STORY29	B2	DEAD	237.000	22.095	1381.339
STORY29	B2	DEAD	258.000	24.556	891.511

STORY29	B2	DEAD	279.000	27.016	350.007
STORY29	B2	LIVE	9.000	-5.428	143.926
STORY29	B2	LIVE	30.000	-5.428	257.908
STORY29	B2	LIVE	51.000	-5.428	371.890
STORY29	B2	LIVE	72.000	-5.428	485.872
STORY29	B2	LIVE	72.000	-2.336	490.722
STORY29	B2	LIVE	96.000	-2.336	546.788
STORY29	B2	LIVE	120.000	-2.336	602.855
STORY29	B2	LIVE	144.000	-2.336	658.921
STORY29	B2	LIVE	144.000	2.336	658.921
STORY29	B2	LIVE	168.000	2.336	602.855
STORY29	B2	LIVE	192.000	2.336	546.788
STORY29	B2	LIVE	216.000	2.336	490.722
STORY29	B2	LIVE	216.000	5.428	485.872
STORY29	B2	LIVE	237.000	5.428	371.890
STORY29	B2	LIVE	258.000	5.428	257.908
STORY29	B2	LIVE	279.000	5.428	143.926
STORY29	B2	WIND	9.000	22.075	2995.909
STORY29	B2	WIND	30.000	22.075	2532.333
STORY29	B2	WIND	51.000	22.075	2068.757
STORY29	B2	WIND	72.000	22.075	1605.181
STORY29	B2	WIND	72.000	21.980	1590.051
STORY29	B2	WIND	96.000	21.980	1062.542
STORY29	B2	WIND	120.000	21.980	535.033
STORY29	B2	WIND	144.000	21.980	7.523
STORY29	B2	WIND	144.000	21.980	-7.523
STORY29	B2	WIND	168.000	21.980	-535.033
STORY29	B2	WIND	192.000	21.980	-1062.542
STORY29	B2	WIND	216.000	21.980	-1590.051
STORY29	B2	WIND	216.000	22.075	-1605.181
STORY29	B2	WIND	237.000	22.075	-2068.757
STORY29	B2	WIND	258.000	22.075	-2532.333
STORY29	B2	WIND	279.000	22.075	-2995.909
STORY28	B2	DEAD	10.000	-26.901	273.090
STORY28	B2	DEAD	30.667	-24.480	804.026
STORY28	B2	DEAD	51.333	-22.058	1284.914
STORY28	B2	DEAD	72.000	-19.636	1715.753
STORY28	B2	DEAD	72.000	-13.207	1731.509
STORY28	B2	DEAD	96.000	-10.395	2014.739
STORY28	B2	DEAD	120.000	-7.583	2230.474
STORY28	B2	DEAD	144.000	-4.770	2378.713
STORY28	B2	DEAD	144.000	4.770	2378.713
STORY28	B2	DEAD	168.000	7.583	2230.474
STORY28	B2	DEAD	192.000	10.395	2014.739
STORY28	B2	DEAD	216.000	13.207	1731.509
STORY28	B2	DEAD	216.000	19.636	1715.753
STORY28	B2	DEAD	236.667	22.058	1284.914

STORY28	B2	DEAD	257.333	24.480	804.026
STORY28	B2	DEAD	278.000	26.901	273.090
STORY28	B2	LIVE	10.000	-5.428	121.447
STORY28	B2	LIVE	30.667	-5.428	233.633
STORY28	B2	LIVE	51.333	-5.428	345.818
STORY28	B2	LIVE	72.000	-5.428	458.003
STORY28	B2	LIVE	72.000	-2.336	462.852
STORY28	B2	LIVE	96.000	-2.336	518.920
STORY28	B2	LIVE	120.000	-2.336	574.987
STORY28	B2	LIVE	144.000	-2.336	631.054
STORY28	B2	LIVE	144.000	2.336	631.054
STORY28	B2	LIVE	168.000	2.336	574.987
STORY28	B2	LIVE	192.000	2.336	518.920
STORY28	B2	LIVE	216.000	2.336	462.852
STORY28	B2	LIVE	216.000	5.428	458.003
STORY28	B2	LIVE	236.667	5.428	345.818
STORY28	B2	LIVE	257.333	5.428	233.633
STORY28	B2	LIVE	278.000	5.428	121.447
STORY28	B2	WIND	10.000	44.028	5931.400
STORY28	B2	WIND	30.667	44.028	5021.481
STORY28	B2	WIND	51.333	44.028	4111.563
STORY28	B2	WIND	72.000	44.028	3201.644
STORY28	B2	WIND	72.000	43.840	3171.464
STORY28	B2	WIND	96.000	43.840	2119.312
STORY28	B2	WIND	120.000	43.840	1067.159
STORY28	B2	WIND	144.000	43.840	15.006
STORY28	B2	WIND	144.000	43.840	-15.006
STORY28	B2	WIND	168.000	43.840	-1067.159
STORY28	B2	WIND	192.000	43.840	-2119.312
STORY28	B2	WIND	216.000	43.840	-3171.464
STORY28	B2	WIND	216.000	44.028	-3201.644
STORY28	B2	WIND	236.667	44.028	-4111.563
STORY28	B2	WIND	257.333	44.028	-5021.481
STORY28	B2	WIND	278.000	44.028	-5931.400
STORY27	B2	DEAD	10.000	-26.903	180.437
STORY27	B2	DEAD	30.667	-24.482	711.415
STORY27	B2	DEAD	51.333	-22.060	1192.344
STORY27	B2	DEAD	72.000	-19.638	1623.224
STORY27	B2	DEAD	72.000	-13.208	1638.978
STORY27	B2	DEAD	96.000	-10.395	1922.212
STORY27	B2	DEAD	120.000	-7.583	2137.950
STORY27	B2	DEAD	144.000	-4.771	2286.192
STORY27	B2	DEAD	144.000	4.771	2286.192
STORY27	B2	DEAD	168.000	7.583	2137.950
STORY27	B2	DEAD	192.000	10.395	1922.212
STORY27	B2	DEAD	216.000	13.208	1638.978
STORY27	B2	DEAD	216.000	19.638	1623.224

STORY27	B2	DEAD	236.667	22.060	1192.344
STORY27	B2	DEAD	257.333	24.482	711.415
STORY27	B2	DEAD	278.000	26.903	180.437
STORY27	B2	LIVE	10.000	-5.429	96.556
STORY27	B2	LIVE	30.667	-5.429	208.752
STORY27	B2	LIVE	51.333	-5.429	320.949
STORY27	B2	LIVE	72.000	-5.429	433.145
STORY27	B2	LIVE	72.000	-2.336	437.994
STORY27	B2	LIVE	96.000	-2.336	494.062
STORY27	B2	LIVE	120.000	-2.336	550.130
STORY27	B2	LIVE	144.000	-2.336	606.198
STORY27	B2	LIVE	144.000	2.336	606.198
STORY27	B2	LIVE	168.000	2.336	550.130
STORY27	B2	LIVE	192.000	2.336	494.062
STORY27	B2	LIVE	216.000	2.336	437.994
STORY27	B2	LIVE	216.000	5.429	433.145
STORY27	B2	LIVE	236.667	5.429	320.949
STORY27	B2	LIVE	257.333	5.429	208.752
STORY27	B2	LIVE	278.000	5.429	96.556
STORY27	B2	WIND	10.000	65.628	8841.373
STORY27	B2	WIND	30.667	65.628	7485.063
STORY27	B2	WIND	51.333	65.628	6128.753
STORY27	B2	WIND	72.000	65.628	4772.443
STORY27	B2	WIND	72.000	65.348	4727.456
STORY27	B2	WIND	96.000	65.348	3159.093
STORY27	B2	WIND	120.000	65.348	1590.731
STORY27	B2	WIND	144.000	65.348	22.368
STORY27	B2	WIND	144.000	65.348	-22.368
STORY27	B2	WIND	168.000	65.348	-1590.731
STORY27	B2	WIND	192.000	65.348	-3159.093
STORY27	B2	WIND	216.000	65.348	-4727.456
STORY27	B2	WIND	216.000	65.628	-4772.443
STORY27	B2	WIND	236.667	65.628	-6128.753
STORY27	B2	WIND	257.333	65.628	-7485.063
STORY27	B2	WIND	278.000	65.628	-8841.373
STORY26	B2	DEAD	12.000	-26.672	94.125
STORY26	B2	DEAD	32.000	-24.328	604.128
STORY26	B2	DEAD	52.000	-21.985	1067.259
STORY26	B2	DEAD	72.000	-19.641	1483.518
STORY26	B2	DEAD	72.000	-13.208	1499.271
STORY26	B2	DEAD	96.000	-10.395	1782.509
STORY26	B2	DEAD	120.000	-7.583	1998.252
STORY26	B2	DEAD	144.000	-4.771	2146.499
STORY26	B2	DEAD	144.000	4.771	2146.499
STORY26	B2	DEAD	168.000	7.583	1998.252
STORY26	B2	DEAD	192.000	10.395	1782.509
STORY26	B2	DEAD	216.000	13.208	1499.271

STORY26	B2	DEAD	216.000	19.641	1483.518
STORY26	B2	DEAD	236.000	21.985	1067.259
STORY26	B2	DEAD	256.000	24.328	604.128
STORY26	B2	DEAD	276.000	26.672	94.125
STORY26	B2	LIVE	12.000	-5.430	69.834
STORY26	B2	LIVE	32.000	-5.430	178.427
STORY26	B2	LIVE	52.000	-5.430	287.020
STORY26	B2	LIVE	72.000	-5.430	395.613
STORY26	B2	LIVE	72.000	-2.336	400.461
STORY26	B2	LIVE	96.000	-2.336	456.531
STORY26	B2	LIVE	120.000	-2.336	512.600
STORY26	B2	LIVE	144.000	-2.336	568.670
STORY26	B2	LIVE	144.000	2.336	568.670
STORY26	B2	LIVE	168.000	2.336	512.600
STORY26	B2	LIVE	192.000	2.336	456.531
STORY26	B2	LIVE	216.000	2.336	400.461
STORY26	B2	LIVE	216.000	5.430	395.613
STORY26	B2	LIVE	236.000	5.430	287.020
STORY26	B2	LIVE	256.000	5.430	178.427
STORY26	B2	LIVE	276.000	5.430	69.834
STORY26	B2	WIND	12.000	87.154	11567.400
STORY26	B2	WIND	32.000	87.154	9824.320
STORY26	B2	WIND	52.000	87.154	8081.237
STORY26	B2	WIND	72.000	87.154	6338.153
STORY26	B2	WIND	72.000	86.787	6278.401
STORY26	B2	WIND	96.000	86.787	4195.503
STORY26	B2	WIND	120.000	86.787	2112.605
STORY26	B2	WIND	144.000	86.787	29.707
STORY26	B2	WIND	144.000	86.787	-29.707
STORY26	B2	WIND	168.000	86.787	-2112.605
STORY26	B2	WIND	192.000	86.787	-4195.503
STORY26	B2	WIND	216.000	86.787	-6278.401
STORY26	B2	WIND	216.000	87.154	-6338.153
STORY26	B2	WIND	236.000	87.154	-8081.237
STORY26	B2	WIND	256.000	87.154	-9824.320
STORY26	B2	WIND	276.000	87.154	-11567.400
STORY25	B2	DEAD	12.000	-26.675	-28.544
STORY25	B2	DEAD	32.000	-24.331	481.512
STORY25	B2	DEAD	52.000	-21.987	944.695
STORY25	B2	DEAD	72.000	-19.644	1361.007
STORY25	B2	DEAD	72.000	-13.208	1376.757
STORY25	B2	DEAD	96.000	-10.396	1660.000
STORY25	B2	DEAD	120.000	-7.583	1875.747
STORY25	B2	DEAD	144.000	-4.771	2023.998
STORY25	B2	DEAD	144.000	4.771	2023.998
STORY25	B2	DEAD	168.000	7.583	1875.747
STORY25	B2	DEAD	192.000	10.396	1660.000

STORY25	B2	DEAD	216.000	13.208	1376.757
STORY25	B2	DEAD	216.000	19.644	1361.007
STORY25	B2	DEAD	236.000	21.987	944.695
STORY25	B2	DEAD	256.000	24.331	481.512
STORY25	B2	DEAD	276.000	26.675	-28.544
STORY25	B2	LIVE	12.000	-5.430	36.879
STORY25	B2	LIVE	32.000	-5.430	145.486
STORY25	B2	LIVE	52.000	-5.430	254.093
STORY25	B2	LIVE	72.000	-5.430	362.700
STORY25	B2	LIVE	72.000	-2.336	367.548
STORY25	B2	LIVE	96.000	-2.336	423.619
STORY25	B2	LIVE	120.000	-2.336	479.689
STORY25	B2	LIVE	144.000	-2.336	535.760
STORY25	B2	LIVE	144.000	2.336	535.760
STORY25	B2	LIVE	168.000	2.336	479.689
STORY25	B2	LIVE	192.000	2.336	423.619
STORY25	B2	LIVE	216.000	2.336	367.548
STORY25	B2	LIVE	216.000	5.430	362.700
STORY25	B2	LIVE	236.000	5.430	254.093
STORY25	B2	LIVE	256.000	5.430	145.486
STORY25	B2	LIVE	276.000	5.430	36.879
STORY25	B2	WIND	12.000	108.352	14381.190
STORY25	B2	WIND	32.000	108.352	12214.140
STORY25	B2	WIND	52.000	108.352	10047.100
STORY25	B2	WIND	72.000	108.352	7880.053
STORY25	B2	WIND	72.000	107.900	7805.760
STORY25	B2	WIND	96.000	107.900	5216.151
STORY25	B2	WIND	120.000	107.900	2626.543
STORY25	B2	WIND	144.000	107.900	36.934
STORY25	B2	WIND	144.000	107.900	-36.934
STORY25	B2	WIND	168.000	107.900	-2626.543
STORY25	B2	WIND	192.000	107.900	-5216.151
STORY25	B2	WIND	216.000	107.900	-7805.760
STORY25	B2	WIND	216.000	108.352	-7880.053
STORY25	B2	WIND	236.000	108.352	-10047.100
STORY25	B2	WIND	256.000	108.352	-12214.140
STORY25	B2	WIND	276.000	108.352	-14381.190
STORY24	B2	DEAD	13.000	-26.559	-69.052
STORY24	B2	DEAD	32.667	-24.254	430.611
STORY24	B2	DEAD	52.333	-21.950	884.951
STORY24	B2	DEAD	72.000	-19.645	1293.968
STORY24	B2	DEAD	72.000	-13.208	1309.718
STORY24	B2	DEAD	96.000	-10.396	1592.963
STORY24	B2	DEAD	120.000	-7.583	1808.712
STORY24	B2	DEAD	144.000	-4.771	1956.966
STORY24	B2	DEAD	144.000	4.771	1956.966
STORY24	B2	DEAD	168.000	7.583	1808.712

STORY24	B2	DEAD	192.000	10.396	1592.963
STORY24	B2	DEAD	216.000	13.208	1309.718
STORY24	B2	DEAD	216.000	19.645	1293.968
STORY24	B2	DEAD	235.667	21.950	884.951
STORY24	B2	DEAD	255.333	24.254	430.611
STORY24	B2	DEAD	275.000	26.559	-69.052
STORY24	B2	LIVE	13.000	-5.431	24.276
STORY24	B2	LIVE	32.667	-5.431	131.081
STORY24	B2	LIVE	52.333	-5.431	237.885
STORY24	B2	LIVE	72.000	-5.431	344.690
STORY24	B2	LIVE	72.000	-2.336	349.538
STORY24	B2	LIVE	96.000	-2.336	405.609
STORY24	B2	LIVE	120.000	-2.336	461.680
STORY24	B2	LIVE	144.000	-2.336	517.751
STORY24	B2	LIVE	144.000	2.336	517.751
STORY24	B2	LIVE	168.000	2.336	461.680
STORY24	B2	LIVE	192.000	2.336	405.609
STORY24	B2	LIVE	216.000	2.336	349.538
STORY24	B2	LIVE	216.000	5.431	344.690
STORY24	B2	LIVE	235.667	5.431	237.885
STORY24	B2	LIVE	255.333	5.431	131.081
STORY24	B2	LIVE	275.000	5.431	24.276
STORY24	B2	WIND	13.000	129.388	17044.060
STORY24	B2	WIND	32.667	129.388	14499.430
STORY24	B2	WIND	52.333	129.388	11954.790
STORY24	B2	WIND	72.000	129.388	9410.159
STORY24	B2	WIND	72.000	128.852	9321.437
STORY24	B2	WIND	96.000	128.852	6228.993
STORY24	B2	WIND	120.000	128.852	3136.550
STORY24	B2	WIND	144.000	128.852	44.107
STORY24	B2	WIND	144.000	128.852	-44.107
STORY24	B2	WIND	168.000	128.852	-3136.550
STORY24	B2	WIND	192.000	128.852	-6228.993
STORY24	B2	WIND	216.000	128.852	-9321.437
STORY24	B2	WIND	216.000	129.388	-9410.159
STORY24	B2	WIND	235.667	129.388	-11954.790
STORY24	B2	WIND	255.333	129.388	-14499.430
STORY24	B2	WIND	275.000	129.388	-17044.060
STORY23	B2	DEAD	13.000	-26.560	-133.690
STORY23	B2	DEAD	32.667	-24.256	366.000
STORY23	B2	DEAD	52.333	-21.951	820.367
STORY23	B2	DEAD	72.000	-19.647	1229.411
STORY23	B2	DEAD	72.000	-13.208	1245.160
STORY23	B2	DEAD	96.000	-10.396	1528.407
STORY23	B2	DEAD	120.000	-7.583	1744.159
STORY23	B2	DEAD	144.000	-4.771	1892.414
STORY23	B2	DEAD	144.000	4.771	1892.414

STORY23	B2	DEAD	168.000	7.583	1744.159
STORY23	B2	DEAD	192.000	10.396	1528.407
STORY23	B2	DEAD	216.000	13.208	1245.160
STORY23	B2	DEAD	216.000	19.647	1229.411
STORY23	B2	DEAD	235.667	21.951	820.367
STORY23	B2	DEAD	255.333	24.256	366.000
STORY23	B2	DEAD	275.000	26.560	-133.690
STORY23	B2	LIVE	13.000	-5.431	6.911
STORY23	B2	LIVE	32.667	-5.431	113.723
STORY23	B2	LIVE	52.333	-5.431	220.535
STORY23	B2	LIVE	72.000	-5.431	327.347
STORY23	B2	LIVE	72.000	-2.336	332.194
STORY23	B2	LIVE	96.000	-2.336	388.266
STORY23	B2	LIVE	120.000	-2.336	444.338
STORY23	B2	LIVE	144.000	-2.336	500.410
STORY23	B2	LIVE	144.000	2.336	500.410
STORY23	B2	LIVE	168.000	2.336	444.338
STORY23	B2	LIVE	192.000	2.336	388.266
STORY23	B2	LIVE	216.000	2.336	332.194
STORY23	B2	LIVE	216.000	5.431	327.347
STORY23	B2	LIVE	235.667	5.431	220.535
STORY23	B2	LIVE	255.333	5.431	113.723
STORY23	B2	LIVE	275.000	5.431	6.911
STORY23	B2	WIND	13.000	150.257	19793.230
STORY23	B2	WIND	32.667	150.257	16838.190
STORY23	B2	WIND	52.333	150.257	13883.140
STORY23	B2	WIND	72.000	150.257	10928.100
STORY23	B2	WIND	72.000	149.637	10825.060
STORY23	B2	WIND	96.000	149.637	7233.780
STORY23	B2	WIND	120.000	149.637	3642.501
STORY23	B2	WIND	144.000	149.637	51.222
STORY23	B2	WIND	144.000	149.637	-51.222
STORY23	B2	WIND	168.000	149.637	-3642.501
STORY23	B2	WIND	192.000	149.637	-7233.780
STORY23	B2	WIND	216.000	149.637	-10825.060
STORY23	B2	WIND	216.000	150.257	-10928.100
STORY23	B2	WIND	235.667	150.257	-13883.140
STORY23	B2	WIND	255.333	150.257	-16838.190
STORY23	B2	WIND	275.000	150.257	-19793.230
STORY22	B2	DEAD	14.000	-26.444	-168.167
STORY22	B2	DEAD	33.333	-24.179	321.190
STORY22	B2	DEAD	52.667	-21.913	766.749
STORY22	B2	DEAD	72.000	-19.648	1168.508
STORY22	B2	DEAD	72.000	-13.208	1184.255
STORY22	B2	DEAD	96.000	-10.396	1467.505
STORY22	B2	DEAD	120.000	-7.584	1683.259
STORY22	B2	DEAD	144.000	-4.771	1831.517

STORY22	B2	DEAD	144.000	4.771	1831.517
STORY22	B2	DEAD	168.000	7.584	1683.259
STORY22	B2	DEAD	192.000	10.396	1467.505
STORY22	B2	DEAD	216.000	13.208	1184.255
STORY22	B2	DEAD	216.000	19.648	1168.508
STORY22	B2	DEAD	235.333	21.913	766.749
STORY22	B2	DEAD	254.667	24.179	321.190
STORY22	B2	DEAD	274.000	26.444	-168.167
STORY22	B2	LIVE	14.000	-5.431	-4.040
STORY22	B2	LIVE	33.333	-5.431	100.968
STORY22	B2	LIVE	52.667	-5.431	205.977
STORY22	B2	LIVE	72.000	-5.431	310.985
STORY22	B2	LIVE	72.000	-2.336	315.832
STORY22	B2	LIVE	96.000	-2.336	371.905
STORY22	B2	LIVE	120.000	-2.336	427.977
STORY22	B2	LIVE	144.000	-2.336	484.049
STORY22	B2	LIVE	144.000	2.336	484.049
STORY22	B2	LIVE	168.000	2.336	427.977
STORY22	B2	LIVE	192.000	2.336	371.905
STORY22	B2	LIVE	216.000	2.336	315.832
STORY22	B2	LIVE	216.000	5.431	310.985
STORY22	B2	LIVE	235.333	5.431	205.977
STORY22	B2	LIVE	254.667	5.431	100.968
STORY22	B2	LIVE	274.000	5.431	-4.040
STORY22	B2	WIND	14.000	170.753	22322.790
STORY22	B2	WIND	33.333	170.753	19021.560
STORY22	B2	WIND	52.667	170.753	15720.330
STORY22	B2	WIND	72.000	170.753	12419.100
STORY22	B2	WIND	72.000	170.053	12302.000
STORY22	B2	WIND	96.000	170.053	8220.734
STORY22	B2	WIND	120.000	170.053	4139.472
STORY22	B2	WIND	144.000	170.053	58.211
STORY22	B2	WIND	144.000	170.053	-58.211
STORY22	B2	WIND	168.000	170.053	-4139.472
STORY22	B2	WIND	192.000	170.053	-8220.734
STORY22	B2	WIND	216.000	170.053	-12302.000
STORY22	B2	WIND	216.000	170.753	-12419.100
STORY22	B2	WIND	235.333	170.753	-15720.330
STORY22	B2	WIND	254.667	170.753	-19021.560
STORY22	B2	WIND	274.000	170.753	-22322.790
STORY21	B2	DEAD	15.000	-26.330	-281.020
STORY21	B2	DEAD	34.000	-24.104	198.101
STORY21	B2	DEAD	53.000	-21.877	634.921
STORY21	B2	DEAD	72.000	-19.651	1029.439
STORY21	B2	DEAD	72.000	-13.208	1045.184
STORY21	B2	DEAD	96.000	-10.396	1328.439
STORY21	B2	DEAD	120.000	-7.584	1544.197

STORY21	B2	DEAD	144.000	-4.771	1692.460
STORY21	B2	DEAD	144.000	4.771	1692.460
STORY21	B2	DEAD	168.000	7.584	1544.197
STORY21	B2	DEAD	192.000	10.396	1328.439
STORY21	B2	DEAD	216.000	13.208	1045.184
STORY21	B2	DEAD	216.000	19.651	1029.439
STORY21	B2	DEAD	235.000	21.877	634.921
STORY21	B2	DEAD	254.000	24.104	198.101
STORY21	B2	DEAD	273.000	26.330	-281.020
STORY21	B2	LIVE	15.000	-5.432	-36.015
STORY21	B2	LIVE	34.000	-5.432	67.198
STORY21	B2	LIVE	53.000	-5.432	170.411
STORY21	B2	LIVE	72.000	-5.432	273.624
STORY21	B2	LIVE	72.000	-2.336	278.471
STORY21	B2	LIVE	96.000	-2.336	334.544
STORY21	B2	LIVE	120.000	-2.336	390.618
STORY21	B2	LIVE	144.000	-2.336	446.692
STORY21	B2	LIVE	144.000	2.336	446.692
STORY21	B2	LIVE	168.000	2.336	390.618
STORY21	B2	LIVE	192.000	2.336	334.544
STORY21	B2	LIVE	216.000	2.336	278.471
STORY21	B2	LIVE	216.000	5.432	273.624
STORY21	B2	LIVE	235.000	5.432	170.411
STORY21	B2	LIVE	254.000	5.432	67.198
STORY21	B2	LIVE	273.000	5.432	-36.015
STORY21	B2	WIND	15.000	191.061	24787.210
STORY21	B2	WIND	34.000	191.061	21157.050
STORY21	B2	WIND	53.000	191.061	17526.900
STORY21	B2	WIND	72.000	191.061	13896.750
STORY21	B2	WIND	72.000	190.286	13765.700
STORY21	B2	WIND	96.000	190.286	9198.846
STORY21	B2	WIND	120.000	190.286	4631.992
STORY21	B2	WIND	144.000	190.286	65.138
STORY21	B2	WIND	144.000	190.286	-65.138
STORY21	B2	WIND	168.000	190.286	-4631.992
STORY21	B2	WIND	192.000	190.286	-9198.846
STORY21	B2	WIND	216.000	190.286	-13765.700
STORY21	B2	WIND	216.000	191.061	-13896.750
STORY21	B2	WIND	235.000	191.061	-17526.900
STORY21	B2	WIND	254.000	191.061	-21157.050
STORY21	B2	WIND	273.000	191.061	-24787.210
STORY20	B2	DEAD	15.000	-26.331	-332.470
STORY20	B2	DEAD	34.000	-24.105	146.673
STORY20	B2	DEAD	53.000	-21.878	583.514
STORY20	B2	DEAD	72.000	-19.652	978.052
STORY20	B2	DEAD	72.000	-13.209	993.797
STORY20	B2	DEAD	96.000	-10.396	1277.053

STORY20	B2	DEAD	120.000	-7.584	1492.813
STORY20	B2	DEAD	144.000	-4.772	1641.078
STORY20	B2	DEAD	144.000	4.772	1641.078
STORY20	B2	DEAD	168.000	7.584	1492.813
STORY20	B2	DEAD	192.000	10.396	1277.053
STORY20	B2	DEAD	216.000	13.209	993.797
STORY20	B2	DEAD	216.000	19.652	978.052
STORY20	B2	DEAD	235.000	21.878	583.514
STORY20	B2	DEAD	254.000	24.105	146.673
STORY20	B2	DEAD	273.000	26.331	-332.470
STORY20	B2	LIVE	15.000	-5.433	-49.837
STORY20	B2	LIVE	34.000	-5.433	53.382
STORY20	B2	LIVE	53.000	-5.433	156.600
STORY20	B2	LIVE	72.000	-5.433	259.819
STORY20	B2	LIVE	72.000	-2.336	264.665
STORY20	B2	LIVE	96.000	-2.336	320.739
STORY20	B2	LIVE	120.000	-2.336	376.814
STORY20	B2	LIVE	144.000	-2.336	432.888
STORY20	B2	LIVE	144.000	2.336	432.888
STORY20	B2	LIVE	168.000	2.336	376.814
STORY20	B2	LIVE	192.000	2.336	320.739
STORY20	B2	LIVE	216.000	2.336	264.665
STORY20	B2	LIVE	216.000	5.433	259.819
STORY20	B2	LIVE	235.000	5.433	156.600
STORY20	B2	LIVE	254.000	5.433	53.382
STORY20	B2	LIVE	273.000	5.433	-49.837
STORY20	B2	WIND	15.000	211.409	27427.330
STORY20	B2	WIND	34.000	211.409	23410.560
STORY20	B2	WIND	53.000	211.409	19393.790
STORY20	B2	WIND	72.000	211.409	15377.020
STORY20	B2	WIND	72.000	210.555	15232.010
STORY20	B2	WIND	96.000	210.555	10178.700
STORY20	B2	WIND	120.000	210.555	5125.389
STORY20	B2	WIND	144.000	210.555	72.077
STORY20	B2	WIND	144.000	210.555	-72.077
STORY20	B2	WIND	168.000	210.555	-5125.389
STORY20	B2	WIND	192.000	210.555	-10178.700
STORY20	B2	WIND	216.000	210.555	-15232.010
STORY20	B2	WIND	216.000	211.409	-15377.020
STORY20	B2	WIND	235.000	211.409	-19393.790
STORY20	B2	WIND	254.000	211.409	-23410.560
STORY20	B2	WIND	273.000	211.409	-27427.330
STORY19	B2	DEAD	16.000	-26.215	-348.061
STORY19	B2	DEAD	34.667	-24.028	120.870
STORY19	B2	DEAD	53.333	-21.840	548.970
STORY19	B2	DEAD	72.000	-19.653	936.239
STORY19	B2	DEAD	72.000	-13.209	951.983